

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121124\
 Data File : VL041722.D
 Acq On : 11 Dec 2024 15:46
 Operator : SY/MD
 Sample : VSTDICC0.5
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC0.5

Quant Time: Dec 12 13:16:34 2024

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

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

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

Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) Bromochloromethane	2.793	49	278009	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.965	114	1393681	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.894	117	1236387	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.390	95	807853	9.939	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.499	85	23630	0.484	ppbv	97
3) Chlorodifluoromethane	1.476	51	20179	0.533	ppbv	98
4) Chloromethane	1.534	50	6397	0.494	ppbv	98
5) Vinyl Chloride	1.583	62	7601	0.479	ppbv	99
6) Bromomethane	1.670	94	5068	0.487	ppbv	94
7) Chloroethane	1.706	64	3557	0.516	ppbv	94
8) Dichlorotetrafluoroethane	1.554	85	19977	0.502	ppbv	99
9) Propene	1.483	41	9018m	0.559	ppbv	
10) Heptane	4.991	43	22950	0.514	ppbv	98
11) Trichlorofluoromethane	1.881	101	28015	0.499	ppbv	99
12) 1,1,2-Trichlorotrifluo...	2.143	101	25373	0.502	ppbv	99
13) Ethanol	1.722	45	1184	0.887	ppbv	85
14) Bromoethene	1.784	108	8449	0.456	ppbv #	78
15) Acetone	1.839	43	19921	0.621	ppbv	90
16) 1,3-Butadiene	1.612	39	5561	0.516	ppbv	99
17) tert-Butyl alcohol	2.046	59	23823	0.512	ppbv #	91
18) 1,1-Dichloroethene	2.036	96	11212	0.479	ppbv	91
19) Isopropyl Alcohol	1.890	45	26854	0.881	ppbv #	30
20) Methylene Chloride	2.065	84	11215	0.577	ppbv	97
21) Allyl Chloride	2.098	41	8560	0.474	ppbv	99
22) trans-1,2-Dichloroethene	2.344	96	13353	0.499	ppbv	96
23) Vinyl Acetate	2.467	43	9495	0.489	ppbv #	95
24) 1,1-Dichloroethane	2.412	63	17862	0.494	ppbv	99
25) Ethyl Acetate	4.991	43	22950	0.514	ppbv #	97
26) Hexane	2.829	57	22465	0.519	ppbv	96
27) Carbon Disulfide	2.153	76	19123	0.429	ppbv #	81
28) Methyl tert-Butyl Ether	2.447	73	17373	0.535	ppbv #	90
29) Chloroform	2.855	83	34490	0.521	ppbv	93
30) Cyclohexane	3.862	84	25108m	0.516	ppbv	
31) cis-1,2-Dichloroethene	2.725	61	20548	0.512	ppbv	98
32) 1,1,1-Trichloroethane	3.373	97	31733	0.487	ppbv	99
34) 2-Butanone	2.564	43	25869	0.530	ppbv	99
35) Carbon Tetrachloride	3.771	117	31260	0.482	ppbv	99
36) Benzene	3.664	78	57149	0.522	ppbv	99
37) 1,2-Dichloroethane	3.227	62	20338	0.514	ppbv	98
38) Trichloroethene	4.561	130	28565	0.503	ppbv	95
39) 1,2-Dichloropropane	4.324	63	17507	0.501	ppbv	99
40) 1,4-Dioxane	4.612	88	10665	0.506	ppbv #	48
41) Tetrahydrofuran	3.069	42	15433	0.525	ppbv	99
42) Bromodichloromethane	4.499	83	29121	0.456	ppbv	96
43) Methyl Methacrylate	4.897	69	19050	0.483	ppbv	99
44) 2,2,4-Trimethylpentane	4.648	57	78299	0.513	ppbv	98
45) t-1,3-Dichloropropene	6.435	75	16759m	0.434	ppbv	

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Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

Manual Integrations
 APPROVED

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

Quant Time: Dec 12 13:16:34 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

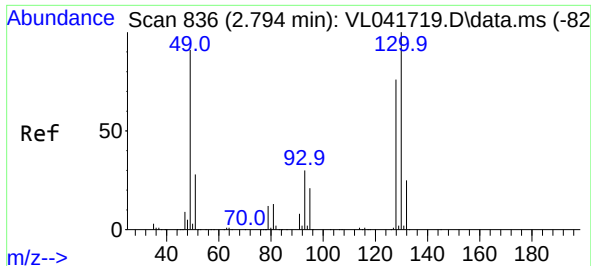
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.616	75	23194	0.454	ppbv	97
47) 1,1,2-Trichloroethane	6.596	97	23111	0.497	ppbv	96
48) Dibromochloromethane	7.406	129	26891	0.401	ppbv	100
49) Bromoform	9.496	173	23980	0.374	ppbv	100
50) 4-Methyl-2-Pentanone	5.778	43	34606m	0.494	ppbv	
51) 2-Hexanone	7.461	43	28421	0.494	ppbv #	98
52) Tetrachloroethene	8.237	164	28674	0.494	ppbv	99
53) Toluene	6.946	91	66813	0.496	ppbv	99
54) 1,2-Dibromoethane	7.668	107	31433	0.495	ppbv	96
56) 1,1,1,2-Tetrachloroethane	8.940	131	26669	0.464	ppbv #	1
57) Chlorobenzene	8.937	112	57345	0.510	ppbv	97
58) Ethyl Benzene	9.367	91	83518	0.505	ppbv	96
59) m/p-Xylene	9.564	91	126994m	1.002	ppbv	
60) o-Xylene	9.976	91	62926	0.501	ppbv	98
61) Styrene	9.882	104	31493	0.454	ppbv	99
62) Isopropylbenzene	10.552	105	105547	0.509	ppbv	98
63) 1,1,2,2-Tetrachloroethane	9.979	83	40492	0.498	ppbv	98
64) n-propylbenzene	11.002	120	29407	0.482	ppbv	87
65) tert-Butylbenzene	11.542	119	99795	0.508	ppbv	97
66) Benzyl Chloride	10.911	91	71202	0.505	ppbv	98
67) sec-Butylbenzene	11.778	105	129227	0.508	ppbv	97
69) p-Isopropyltoluene	11.937	119	108114	0.493	ppbv	96
70) n-Butylbenzene	12.293	91	88335	0.485	ppbv	97
71) 2-Chlorotoluene	10.911	91	71202	0.505	ppbv	97
72) 4-Ethyltoluene	11.137	105	78648	0.485	ppbv	98
73) 1,3,5-Trimethylbenzene	11.215	105	63182	0.481	ppbv	98
74) 1,2,4-Trimethylbenzene	11.549	105	68504	0.480	ppbv	97
75) 1,3-Dichlorobenzene	11.620	146	57437	0.503	ppbv	100
76) 1,4-Dichlorobenzene	11.684	146	55997	0.497	ppbv	98
77) 1,2-Dichlorobenzene	11.960	146	55271	0.512	ppbv	99
78) Hexachloro-1,3-Butadiene	13.895	225	45851	0.516	ppbv	98
79) Naphthalene	13.526	128	55806	0.457	ppbv	97
80) Naphthalene,2-methyl-	14.471	142	9136	0.207	ppbv	99
81) 1,2,4-Trichlorobenzene	13.452	180	36361	0.473	ppbv	99

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

Manual Integrations APPROVED

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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: 2.793 min Scan# 836

Delta R.T. -0.001 min

Lab File: VL041722.D

Acq: 11 Dec 2024 15:46

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

Tgt Ion: 49 Resp: 278009

Ion Ratio Lower Upper

49 100

128 87.8 42.8 128.3

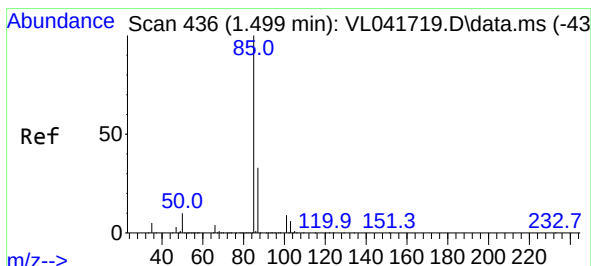
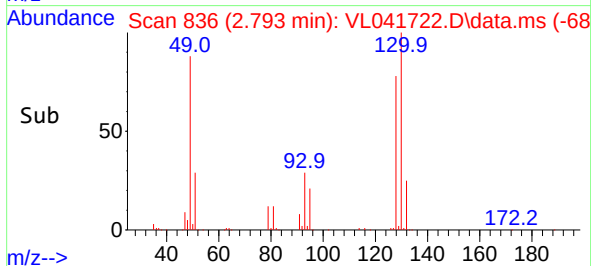
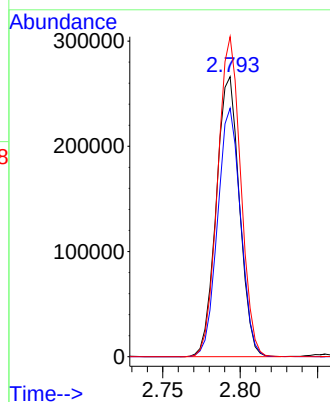
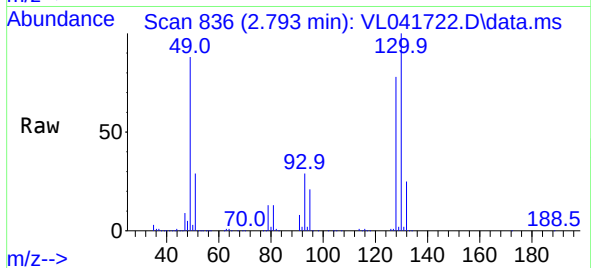
130 113.3 55.8 167.4

Manual Integrations

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Reviewed By :Mahesh Dadoda 12/13/2024

Supervised By :Semsettin Yesilyurt 12/13/2024



#2

Dichlorodifluoromethane

Concen: 0.484 ppbv

RT: 1.499 min Scan# 436

Delta R.T. -0.000 min

Lab File: VL041722.D

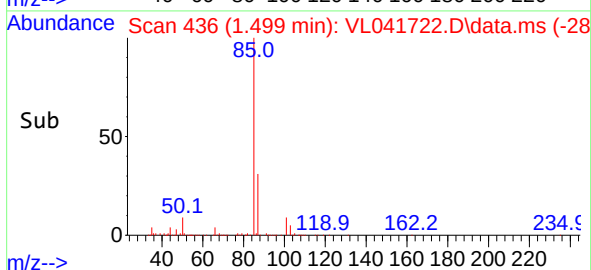
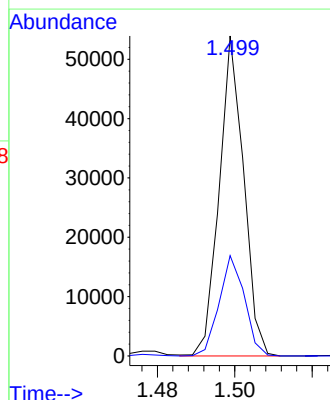
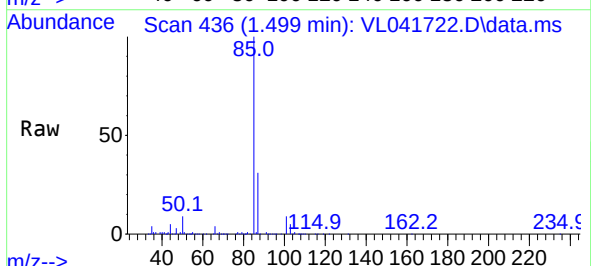
Acq: 11 Dec 2024 15:46

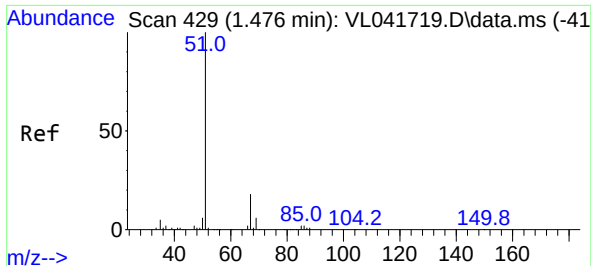
Tgt Ion: 85 Resp: 23630

Ion Ratio Lower Upper

85 100

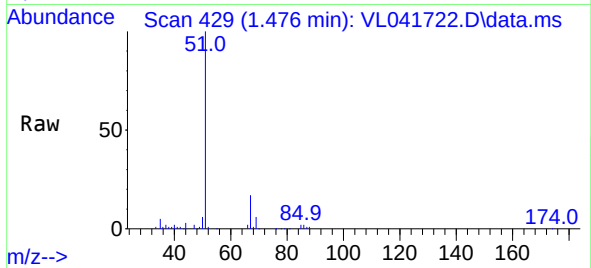
87 31.3 26.6 39.8





#3
Chlorodifluoromethane
Concen: 0.533 ppbv
RT: 1.476 min Scan# 41
Delta R.T. -0.000 min
Lab File: VL041722.D
Acq: 11 Dec 2024 15:46

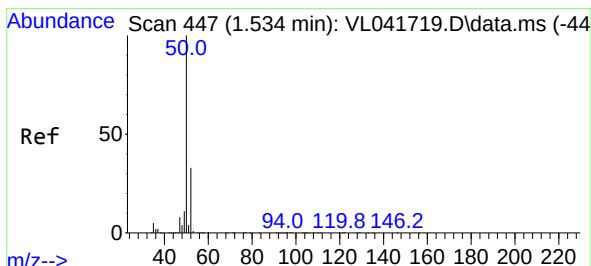
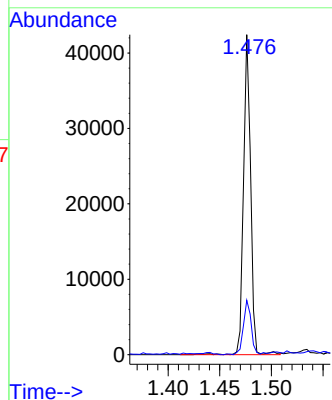
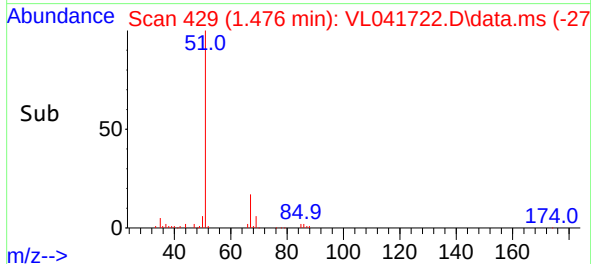
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5



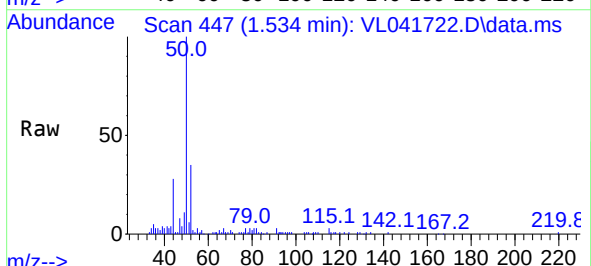
Tgt Ion: 51 Resp: 20179
Ion Ratio Lower Upper
51 100
67 19.3 14.6 21.8

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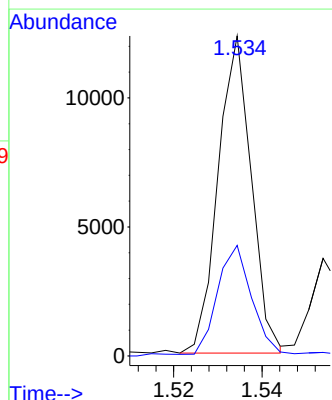
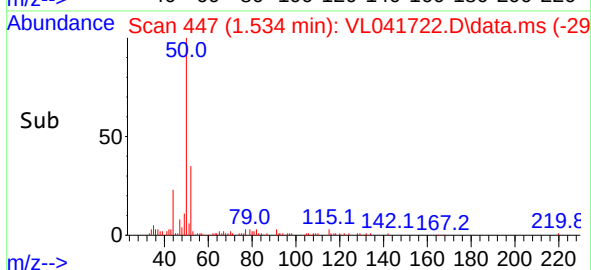
Reviewed By :Mahesh Dadoda 12/13/2024
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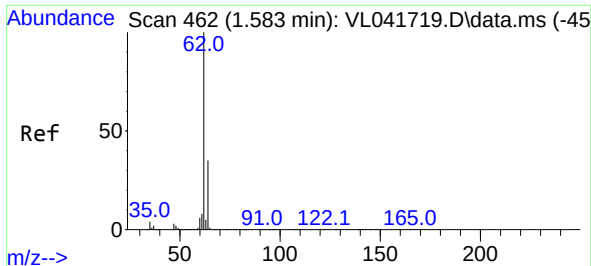


#4
Chloromethane
Concen: 0.494 ppbv
RT: 1.534 min Scan# 447
Delta R.T. -0.000 min
Lab File: VL041722.D
Acq: 11 Dec 2024 15:46



Tgt Ion: 50 Resp: 6397
Ion Ratio Lower Upper
50 100
52 34.3 26.6 40.0





#5
 Vinyl Chloride
 Concen: 0.479 ppbv
 RT: 1.583 min Scan# 462
 Delta R.T. -0.000 min
 Lab File: VL041722.D
 Acq: 11 Dec 2024 15:46

Instrument :

MSVOA_L

ClientSampleId :

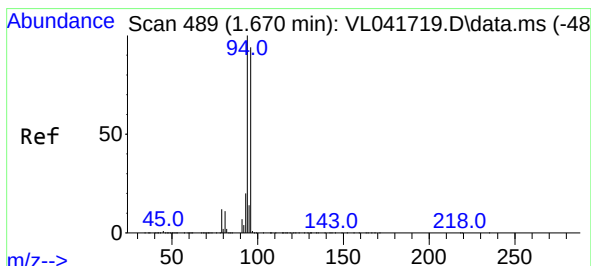
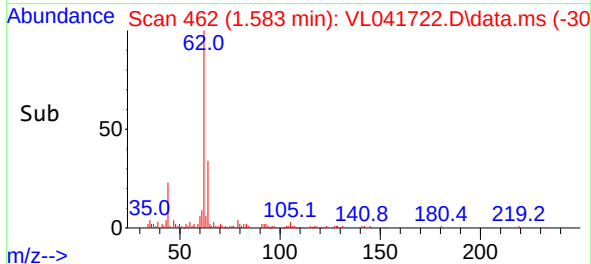
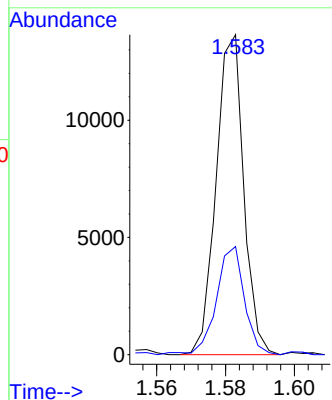
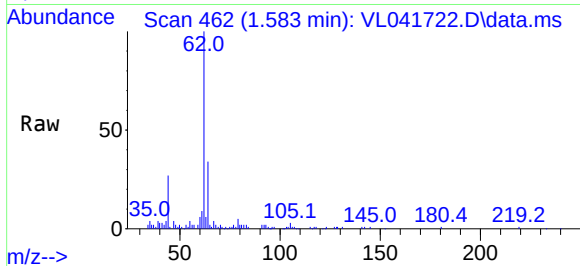
VSTDICC0.5

Tgt Ion: 62 Resp: 760
 Ion Ratio Lower Upper
 62 100
 64 33.8 27.6 41.4

Manual Integrations

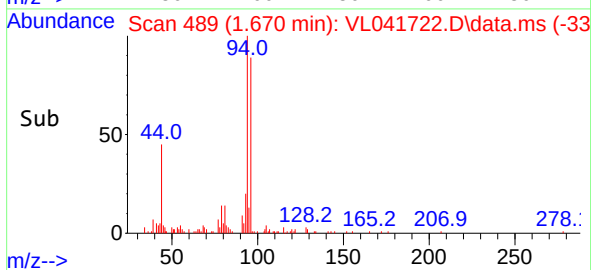
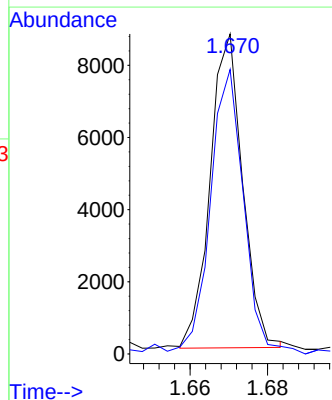
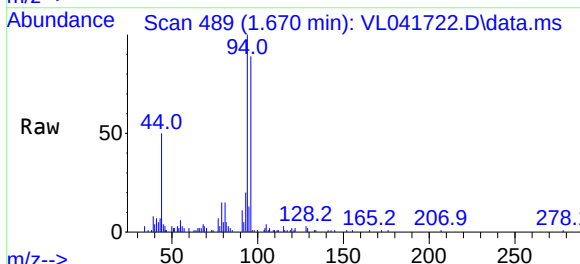
APPROVED

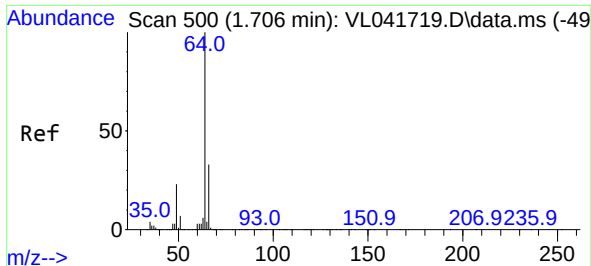
Reviewed By :Mahesh Dadoda 12/13/2024
 Supervised By :Semsettin Yesilyurt 12/13/2024



#6
 Bromomethane
 Concen: 0.487 ppbv
 RT: 1.670 min Scan# 489
 Delta R.T. -0.000 min
 Lab File: VL041722.D
 Acq: 11 Dec 2024 15:46

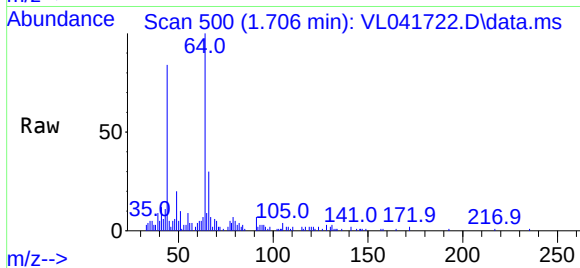
Tgt Ion: 94 Resp: 5068
 Ion Ratio Lower Upper
 94 100
 96 88.9 75.4 113.0





#7
Chloroethane
Concen: 0.516 ppbv
RT: 1.706 min Scan# 500
Delta R.T. -0.000 min
Lab File: VL041722.D
Acq: 11 Dec 2024 15:46

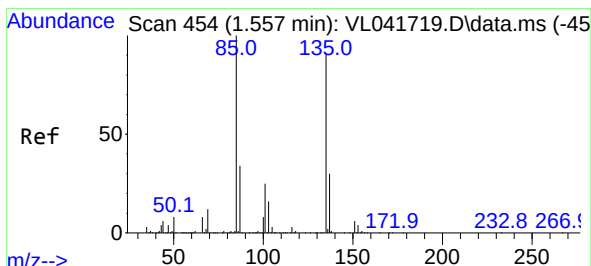
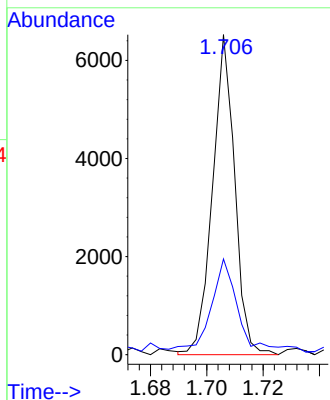
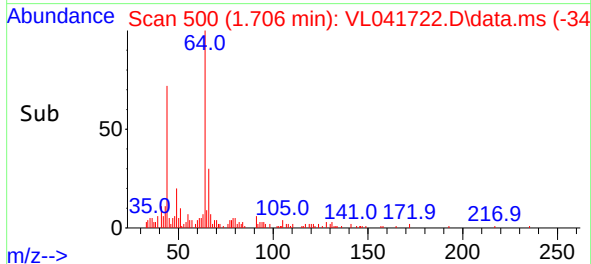
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5



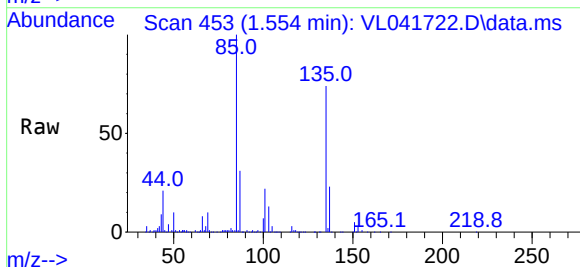
Tgt Ion: 64 Resp: 355
Ion Ratio Lower Upper
64 100
66 29.9 26.5 39.7

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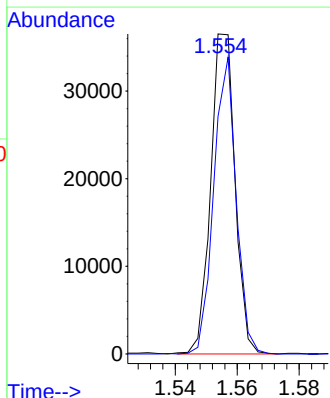
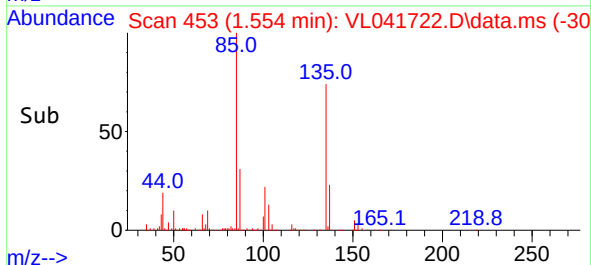
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

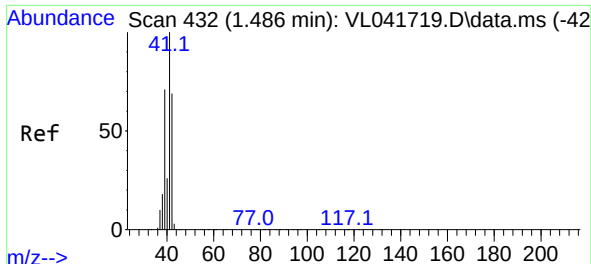


#8
Dichlorotetrafluoroethane
Concen: 0.502 ppbv
RT: 1.554 min Scan# 453
Delta R.T. -0.003 min
Lab File: VL041722.D
Acq: 11 Dec 2024 15:46



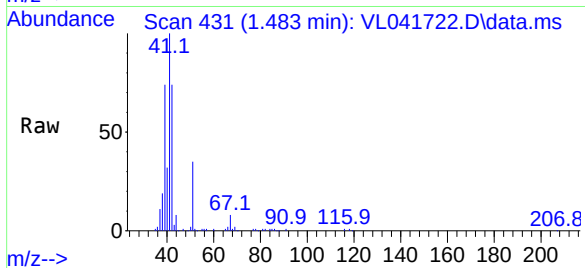
Tgt Ion: 85 Resp: 19977
Ion Ratio Lower Upper
85 100
135 85.2 69.0 103.6





#9
Propene
Concen: 0.559 ppbv m
RT: 1.483 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL041722.D
Acq: 11 Dec 2024 15:46

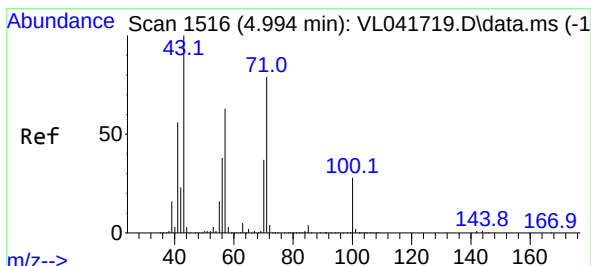
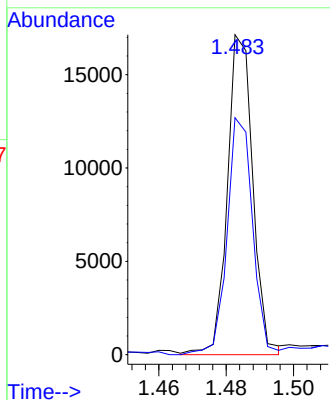
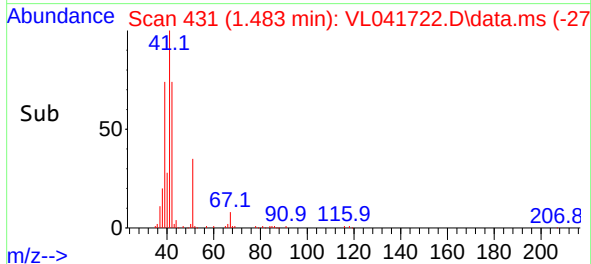
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5



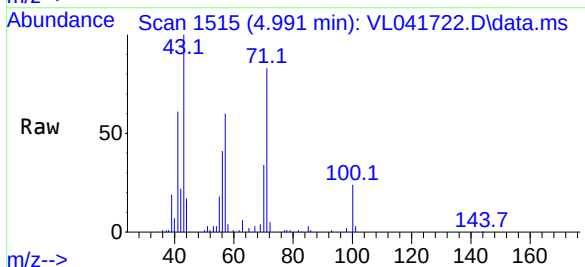
Tgt Ion: 41 Resp: 9018
Ion Ratio Lower Upper
41 100
42 20.6 56.2 84.4

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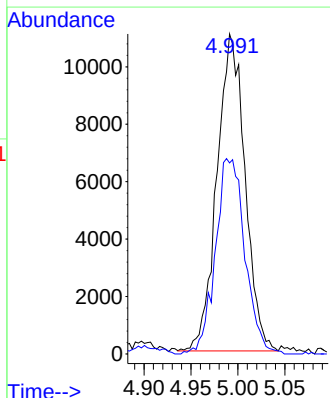
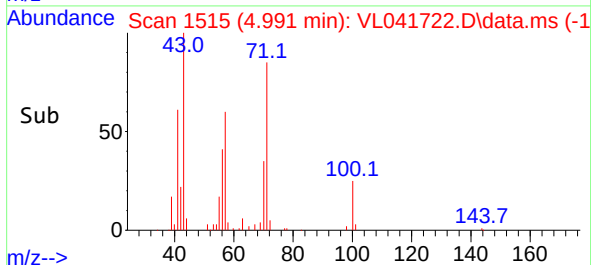
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

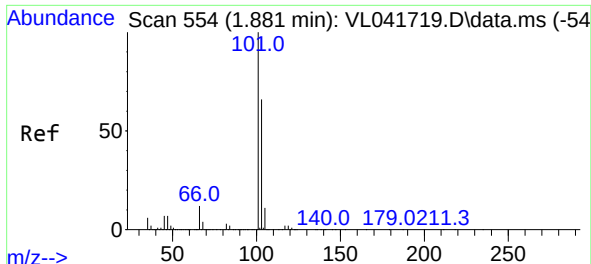


#10
Heptane
Concen: 0.514 ppbv
RT: 4.991 min Scan# 1515
Delta R.T. -0.003 min
Lab File: VL041722.D
Acq: 11 Dec 2024 15:46



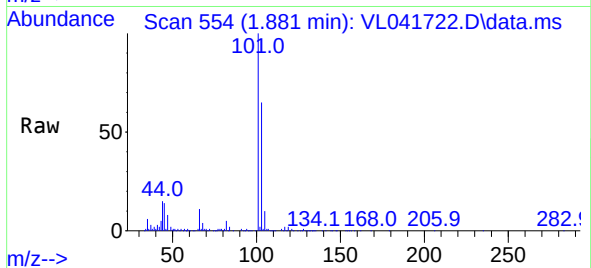
Tgt Ion: 43 Resp: 22950
Ion Ratio Lower Upper
43 100
57 64.7 50.5 75.7





#11
Trichlorofluoromethane
Concen: 0.499 ppbv
RT: 1.881 min Scan# 511
Delta R.T. -0.000 min
Lab File: VL041722.D
Acq: 11 Dec 2024 15:46

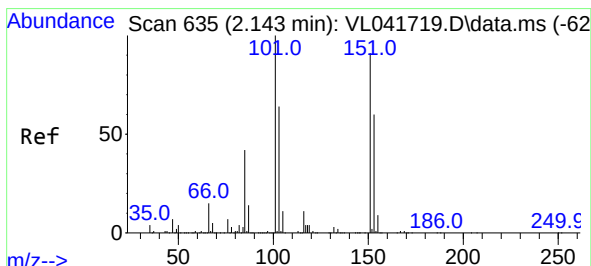
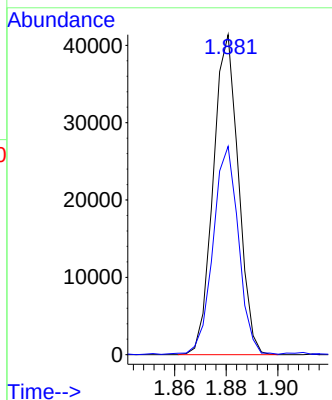
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



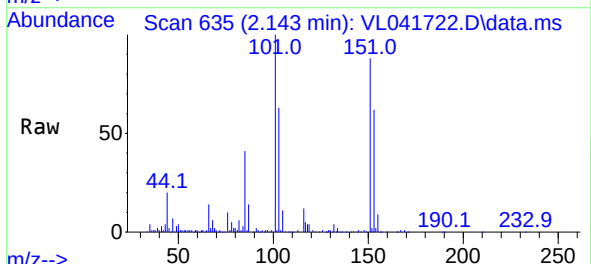
Tgt Ion:101 Resp: 28015
Ion Ratio Lower Upper
101 100
103 64.9 52.7 79.1

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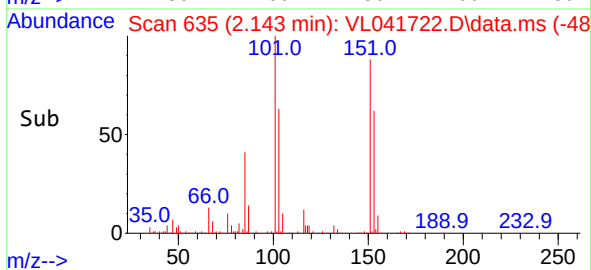
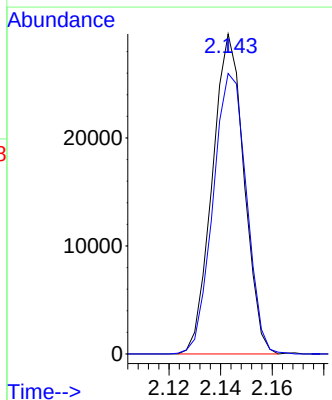
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

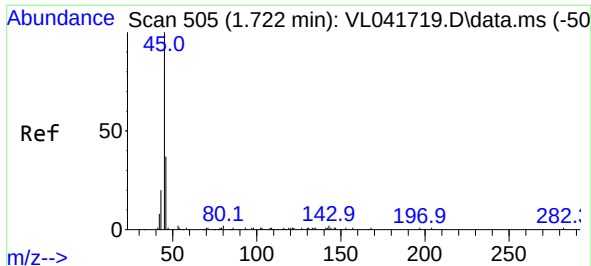


#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.502 ppbv
RT: 2.143 min Scan# 635
Delta R.T. -0.000 min
Lab File: VL041722.D
Acq: 11 Dec 2024 15:46



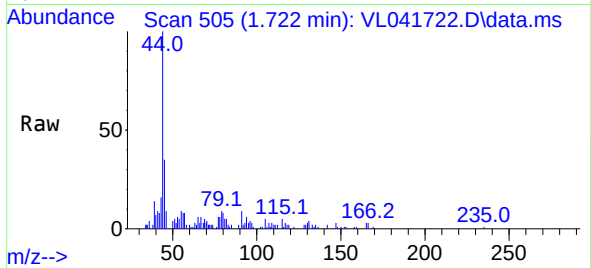
Tgt Ion:101 Resp: 25373
Ion Ratio Lower Upper
101 100
151 92.0 74.4 111.6





#13
Ethanol
Concen: 0.887 ppbv
RT: 1.722 min Scan# 505
Delta R.T. -0.000 min
Lab File: VL041722.D
Acq: 11 Dec 2024 15:46

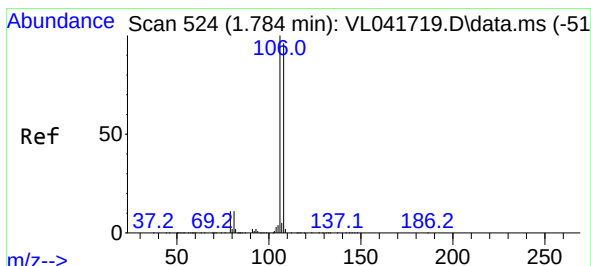
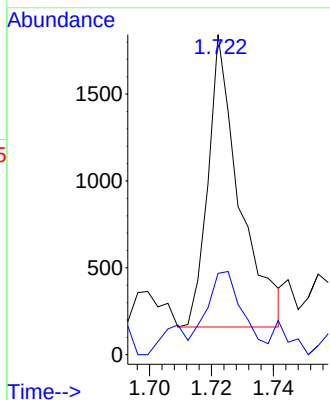
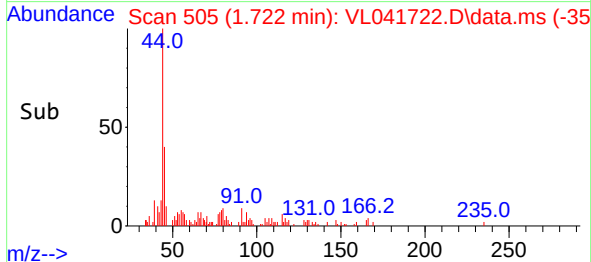
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5



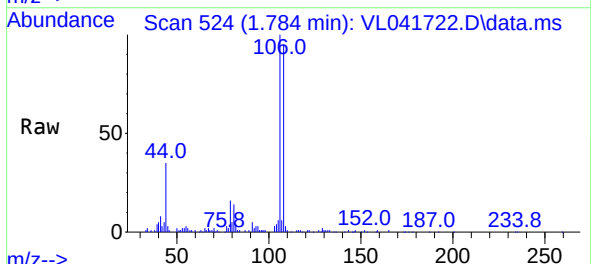
Tgt Ion: 45 Resp: 1184
Ion Ratio Lower Upper
45 100
46 51.0 16.6 66.6

Manual Integrations
APPROVED

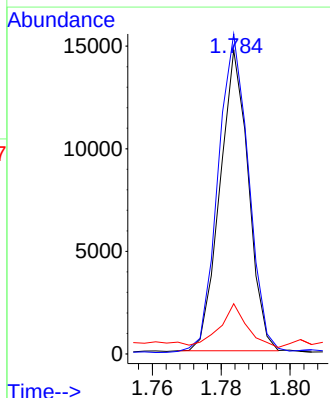
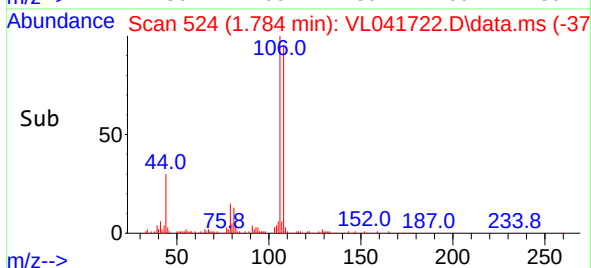
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

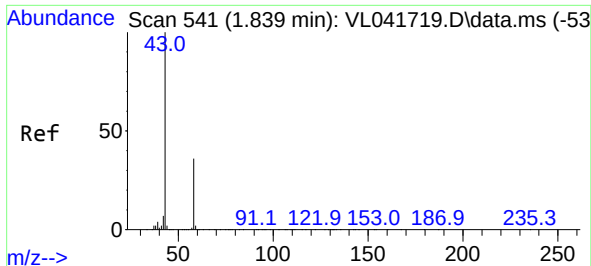


#14
Bromoethene
Concen: 0.456 ppbv
RT: 1.784 min Scan# 524
Delta R.T. -0.000 min
Lab File: VL041722.D
Acq: 11 Dec 2024 15:46



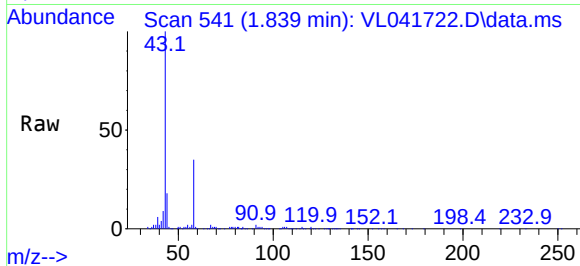
Tgt Ion:108 Resp: 8449
Ion Ratio Lower Upper
108 100
106 123.3 83.5 125.3
79 31.9 9.3 13.9





#15
Acetone
Concen: 0.621 ppbv
RT: 1.839 min Scan# 541
Delta R.T. -0.000 min
Lab File: VL041722.D
Acq: 11 Dec 2024 15:46

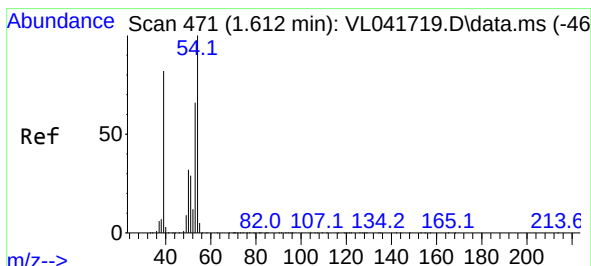
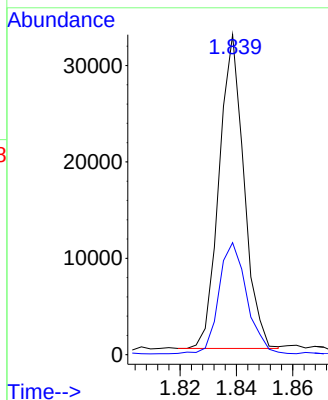
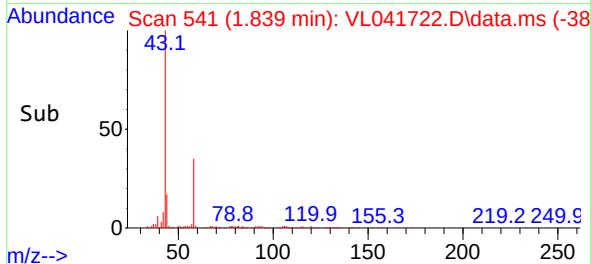
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5



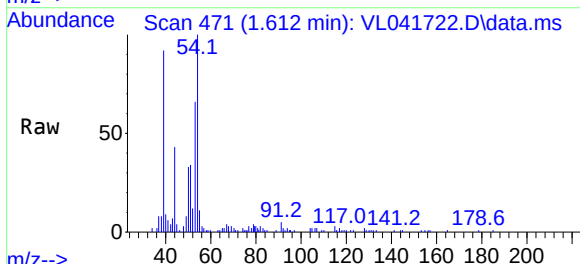
Tgt Ion: 43 Resp: 1992
Ion Ratio Lower Upper
43 100
58 42.2 28.9 43.3

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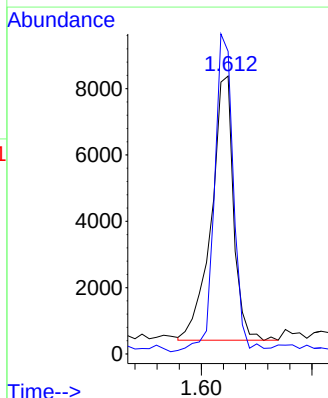
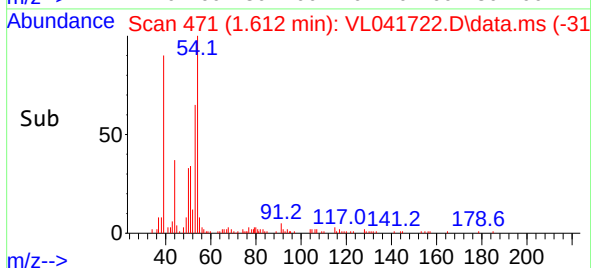
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

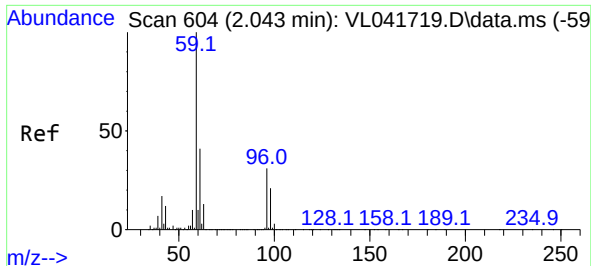


#16
1,3-Butadiene
Concen: 0.516 ppbv
RT: 1.612 min Scan# 471
Delta R.T. -0.000 min
Lab File: VL041722.D
Acq: 11 Dec 2024 15:46



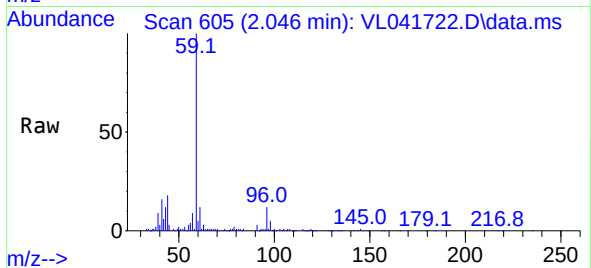
Tgt Ion: 39 Resp: 5561
Ion Ratio Lower Upper
39 100
54 107.0 85.0 127.6





#17
tert-Butyl alcohol
Concen: 0.512 ppbv
RT: 2.046 min Scan# 604
Delta R.T. 0.003 min
Lab File: VL041722.D
Acq: 11 Dec 2024 15:46

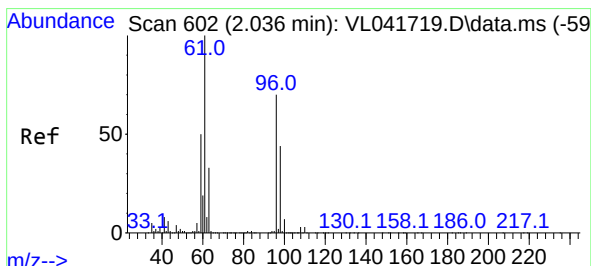
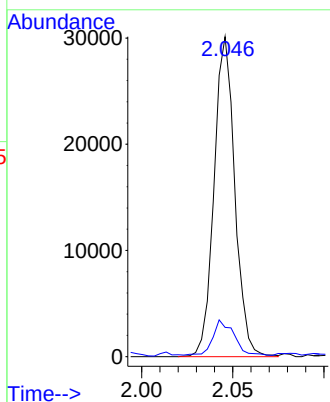
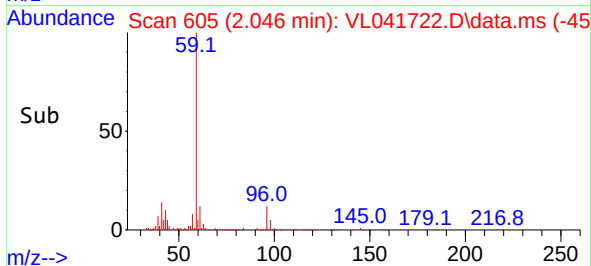
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5



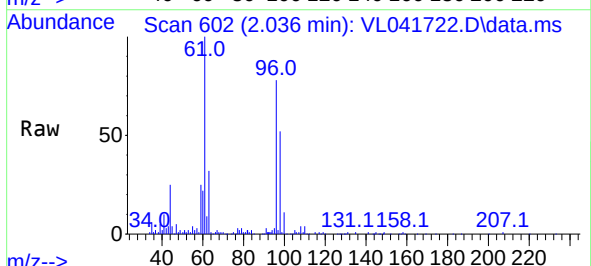
Tgt Ion: 59 Resp: 2382
Ion Ratio Lower Upper
59 100
57 13.6 8.2 12.4

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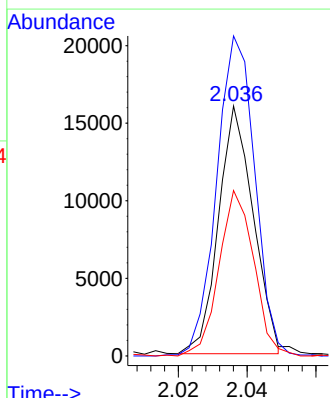
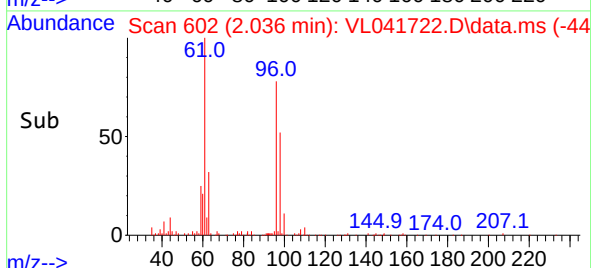
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

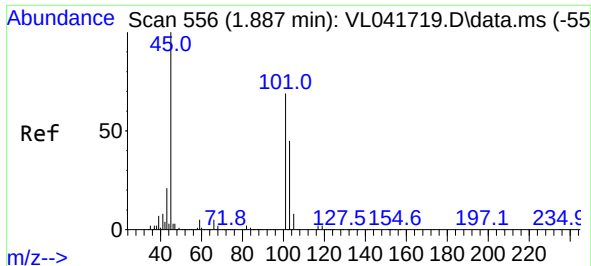


#18
1,1-Dichloroethene
Concen: 0.479 ppbv
RT: 2.036 min Scan# 602
Delta R.T. -0.000 min
Lab File: VL041722.D
Acq: 11 Dec 2024 15:46



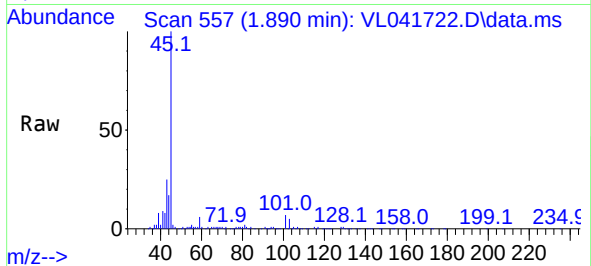
Tgt Ion: 96 Resp: 11212
Ion Ratio Lower Upper
96 100
61 128.8 114.4 171.6
98 66.8 50.6 75.8





#19
Isopropyl Alcohol
Concen: 0.881 ppbv
RT: 1.890 min Scan# 556
Delta R.T. 0.003 min
Lab File: VL041722.D
Acq: 11 Dec 2024 15:46

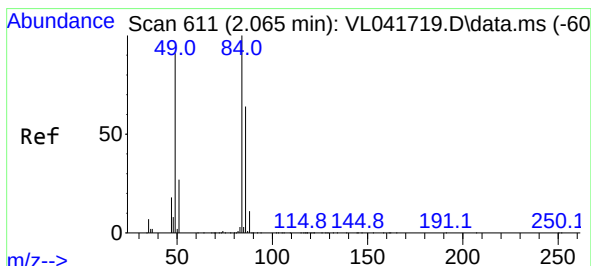
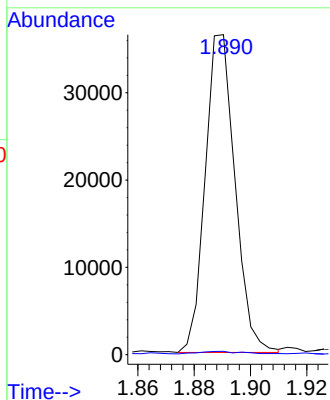
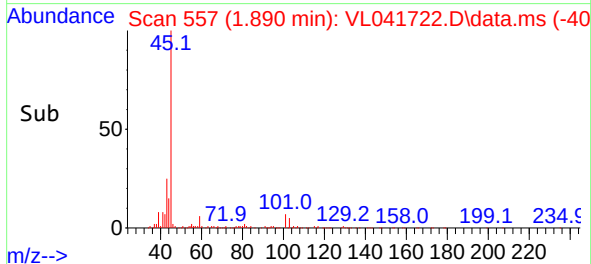
Instrument :
MSVOA_1
ClientSampleId :
VSTDICC0.5



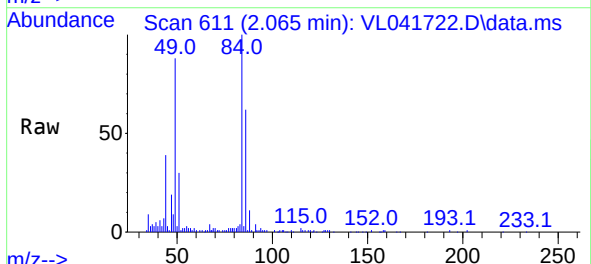
Tgt Ion: 45 Resp: 26854
Ion Ratio Lower Upper
45 100
58 1.9 40.6 61.0

Manual Integrations
APPROVED

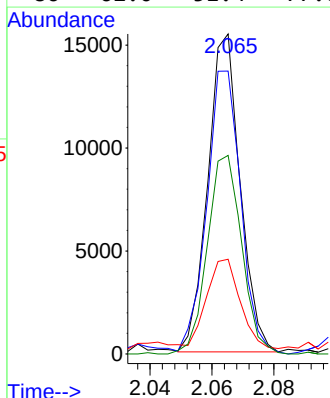
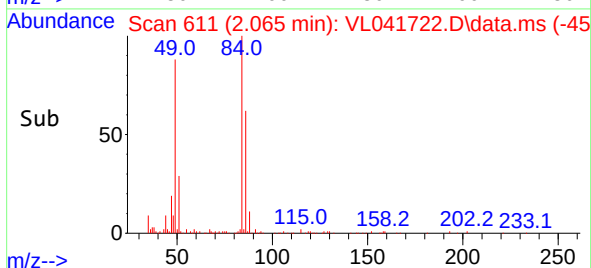
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

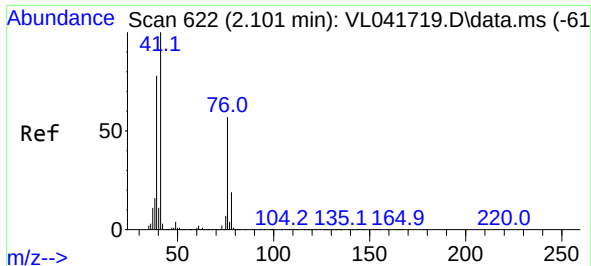


#20
Methylene Chloride
Concen: 0.577 ppbv
RT: 2.065 min Scan# 611
Delta R.T. -0.000 min
Lab File: VL041722.D
Acq: 11 Dec 2024 15:46



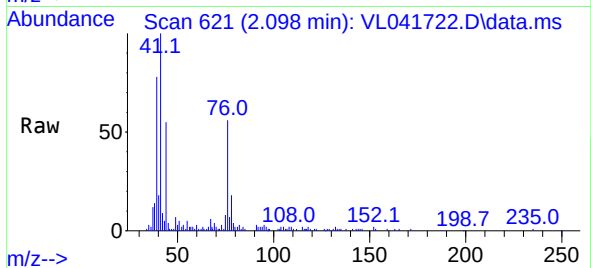
Tgt Ion: 84 Resp: 11215
Ion Ratio Lower Upper
84 100
49 88.3 73.6 110.4
51 28.1 22.7 34.1
86 62.0 51.4 77.0





#21
Allyl Chloride
Concen: 0.474 ppbv
RT: 2.098 min Scan# 61
Delta R.T. -0.003 min
Lab File: VL041722.D
Acq: 11 Dec 2024 15:46

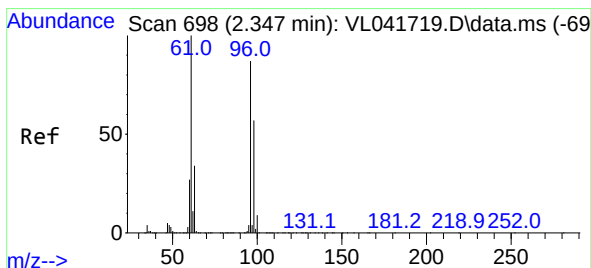
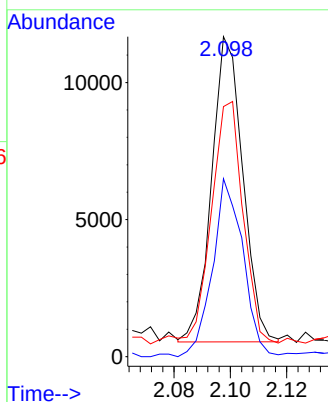
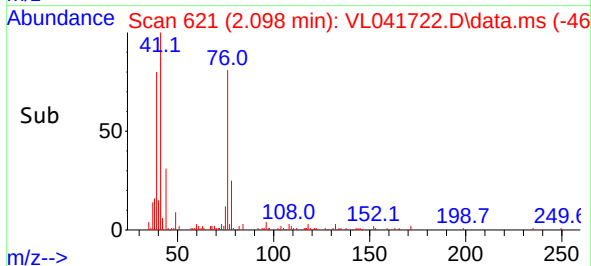
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



Tgt Ion: 41 Resp: 8560
Ion Ratio Lower Upper
41 100
76 54.3 44.2 66.2
39 79.1 62.8 94.2

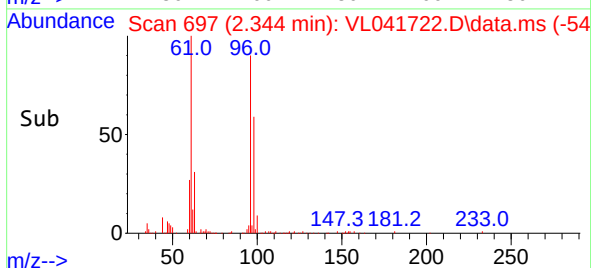
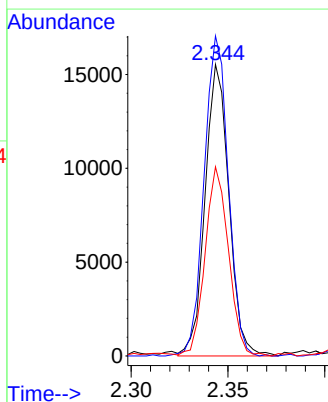
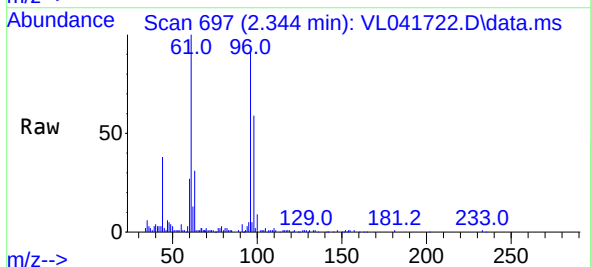
Manual Integrations
APPROVED

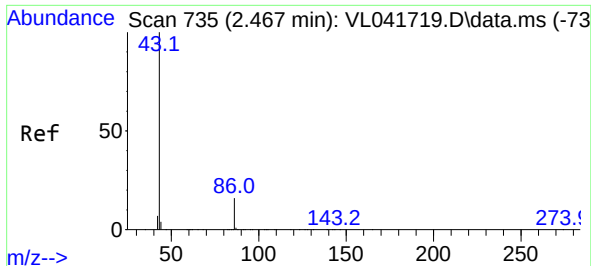
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#22
trans-1,2-Dichloroethene
Concen: 0.499 ppbv
RT: 2.344 min Scan# 697
Delta R.T. -0.003 min
Lab File: VL041722.D
Acq: 11 Dec 2024 15:46

Tgt Ion: 96 Resp: 13353
Ion Ratio Lower Upper
96 100
61 109.8 91.8 137.6
98 64.6 52.7 79.1





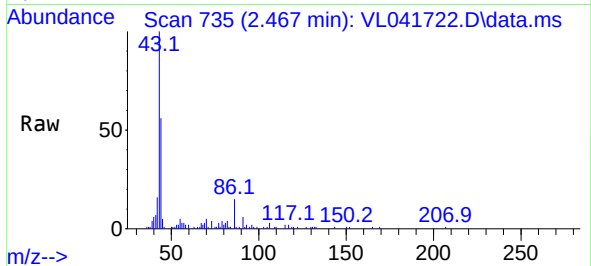
#23
 Vinyl Acetate
 Concen: 0.489 ppbv
 RT: 2.467 min Scan# 718
 Delta R.T. -0.000 min
 Lab File: VL041722.D
 Acq: 11 Dec 2024 15:46

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

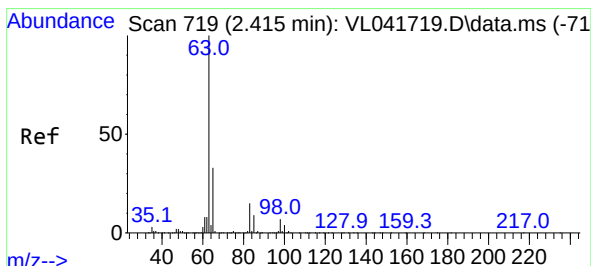
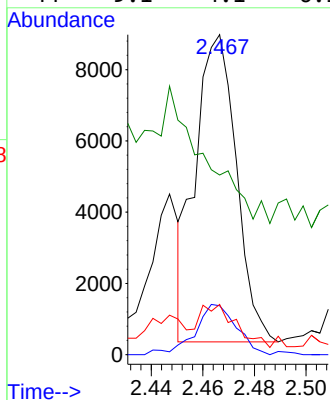
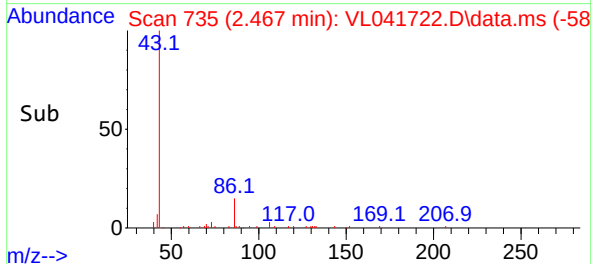


Tgt Ion: 43 Resp: 949
 Ion Ratio Lower Upper
 43 100
 86 14.9 11.5 17.3
 42 10.3 6.6 10.0
 44 9.1 4.1 6.1

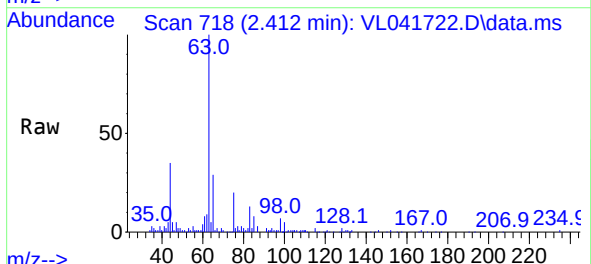
Manual Integrations

APPROVED

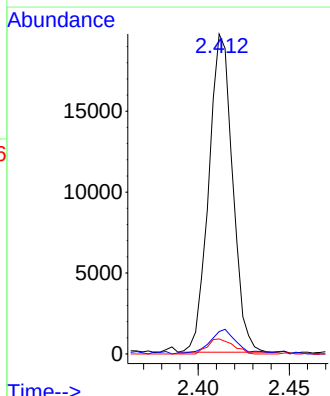
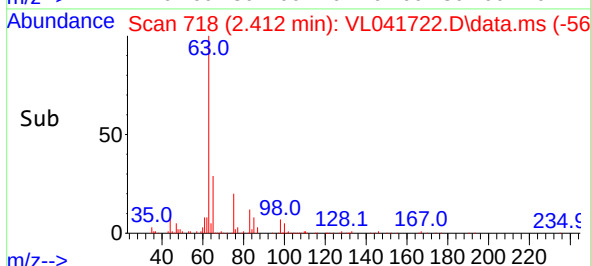
Reviewed By :Mahesh Dadoda 12/13/2024
 Supervised By :Semsettin Yesilyurt 12/13/2024

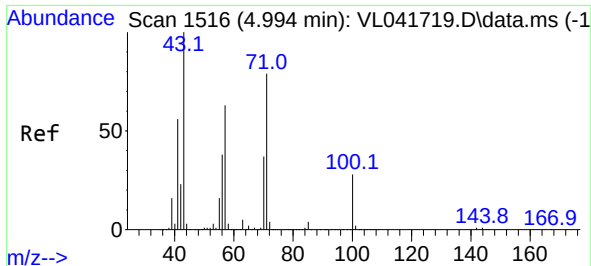


#24
 1,1-Dichloroethane
 Concen: 0.494 ppbv
 RT: 2.412 min Scan# 718
 Delta R.T. -0.003 min
 Lab File: VL041722.D
 Acq: 11 Dec 2024 15:46



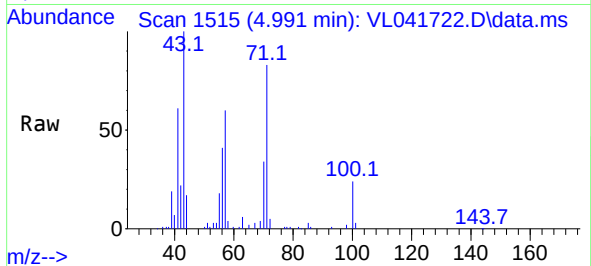
Tgt Ion: 63 Resp: 17862
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.6 10.8
 100 4.7 2.3 6.8





#25
Ethyl Acetate
Concen: 0.514 ppbv
RT: 4.991 min Scan# 11
Delta R.T. -0.003 min
Lab File: VL041722.D
Acq: 11 Dec 2024 15:46

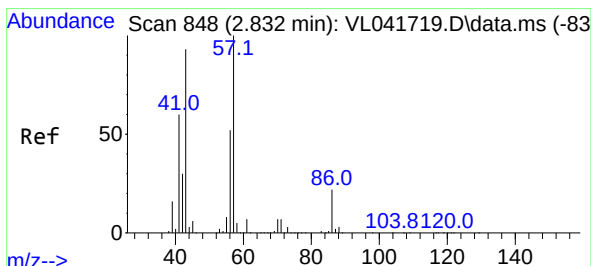
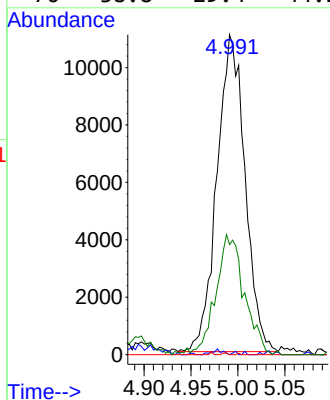
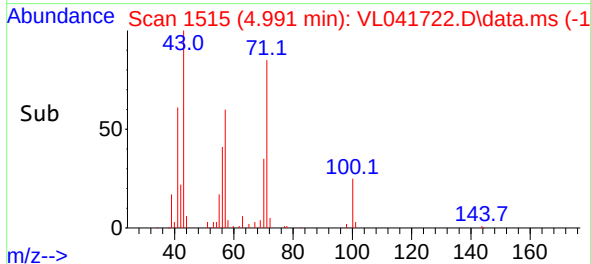
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



Tgt Ion: 43 Resp: 22950
Ion Ratio Lower Upper
43 100
45 1.0 0.0 0.0
61 0.2 0.4 0.6
70 38.8 29.4 44.2

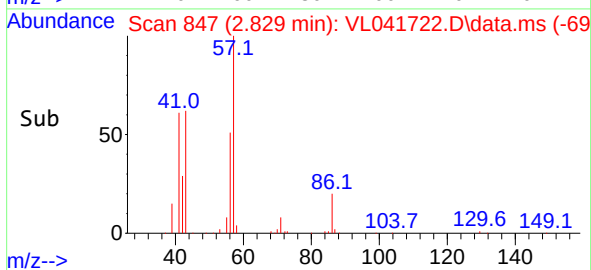
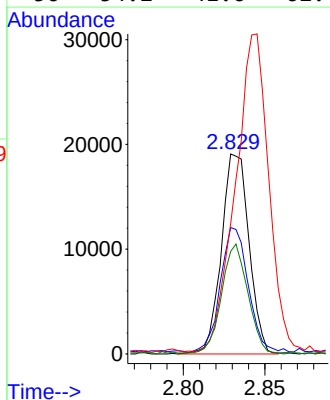
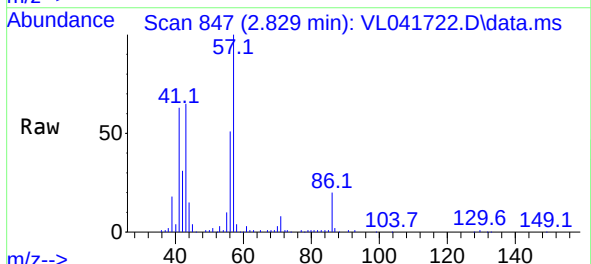
Manual Integrations
APPROVED

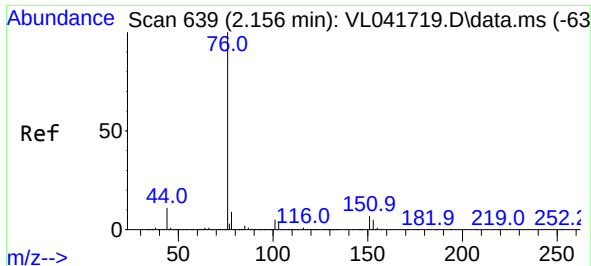
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#26
Hexane
Concen: 0.519 ppbv
RT: 2.829 min Scan# 847
Delta R.T. -0.003 min
Lab File: VL041722.D
Acq: 11 Dec 2024 15:46

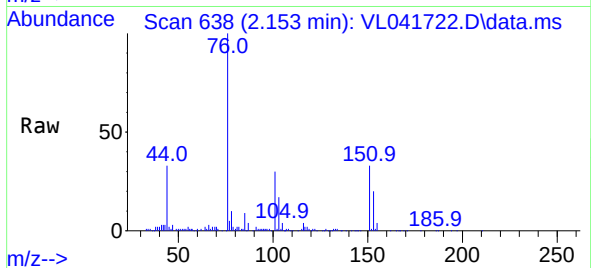
Tgt Ion: 57 Resp: 22465
Ion Ratio Lower Upper
57 100
41 65.2 49.5 74.3
43 195.2 150.6 225.8
56 54.2 41.6 62.4





#27
Carbon Disulfide
Concen: 0.429 ppbv
RT: 2.153 min Scan# 611
Delta R.T. -0.003 min
Lab File: VL041722.D
Acq: 11 Dec 2024 15:46

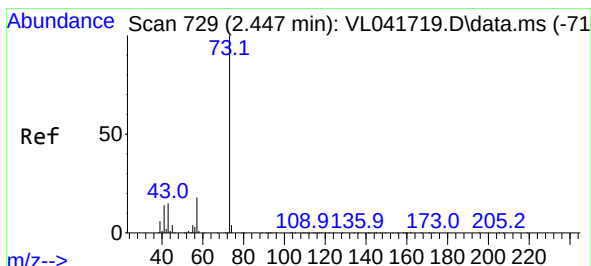
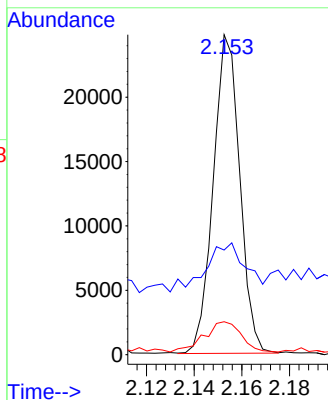
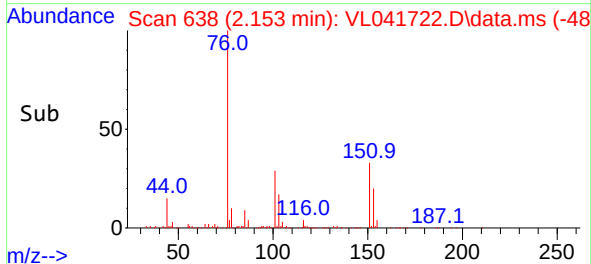
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



Tgt Ion: 76 Resp: 1912
Ion Ratio Lower Upper
76 100
44 22.8 9.4 14.0
78 14.9 9.4 14.0

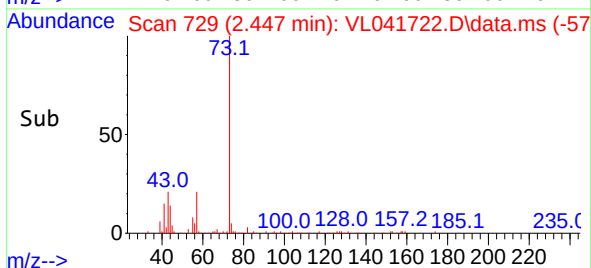
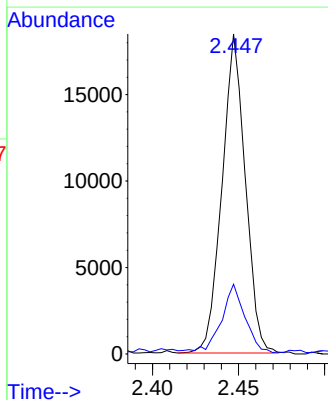
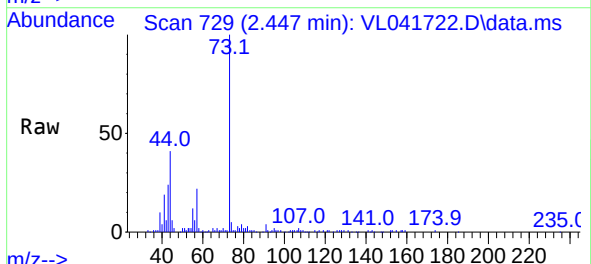
Manual Integrations
APPROVED

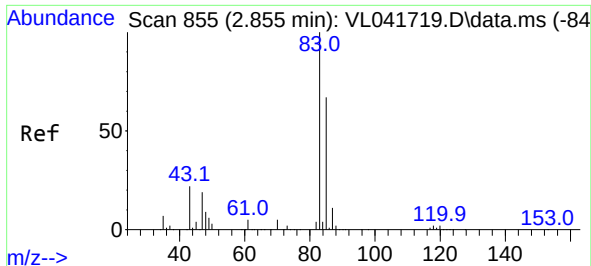
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#28
Methyl tert-Butyl Ether
Concen: 0.535 ppbv
RT: 2.447 min Scan# 729
Delta R.T. -0.000 min
Lab File: VL041722.D
Acq: 11 Dec 2024 15:46

Tgt Ion: 73 Resp: 17373
Ion Ratio Lower Upper
73 100
57 23.5 15.3 22.9





#29

Chloroform

Concen: 0.521 ppbv

RT: 2.855 min Scan# 855

Delta R.T. -0.000 min

Lab File: VL041722.D

Acq: 11 Dec 2024 15:46

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

Tgt Ion: 83 Resp: 34490

Ion Ratio Lower Upper

83 100

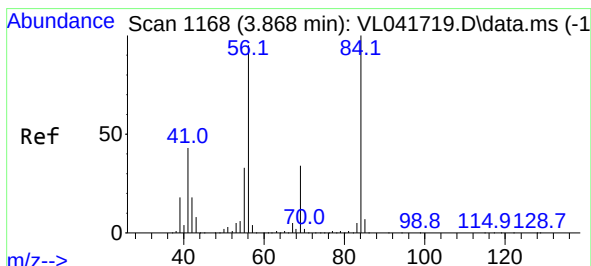
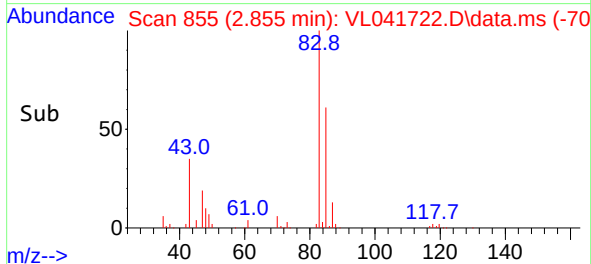
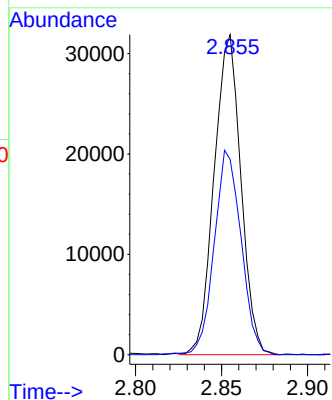
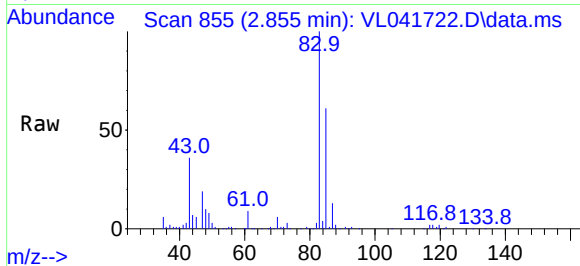
85 61.0 53.6 80.4

Manual Integrations

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Reviewed By :Mahesh Dadoda 12/13/2024

Supervised By :Semsettin Yesilyurt 12/13/2024



#30

Cyclohexane

Concen: 0.516 ppbv m

RT: 3.862 min Scan# 1166

Delta R.T. -0.007 min

Lab File: VL041722.D

Acq: 11 Dec 2024 15:46

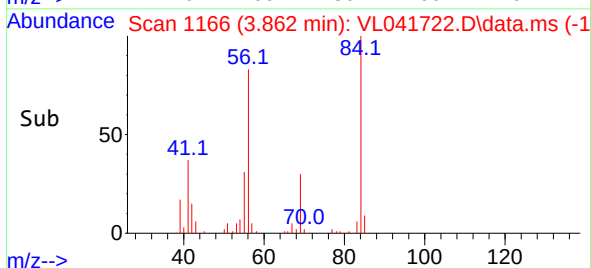
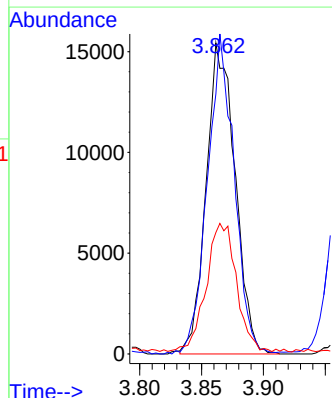
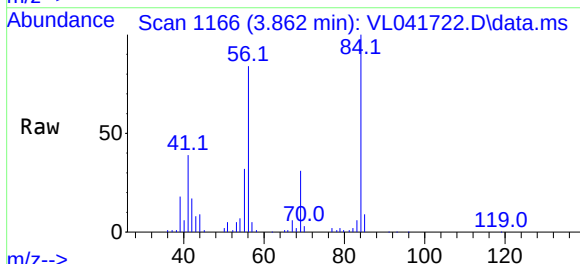
Tgt Ion: 84 Resp: 25108

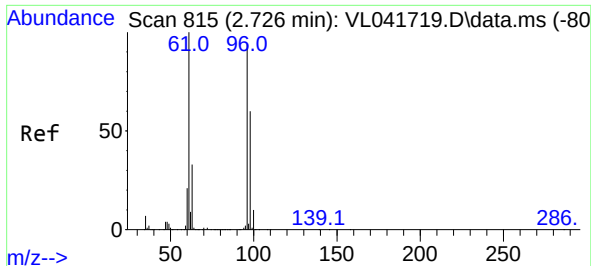
Ion Ratio Lower Upper

84 100

56 94.1 76.0 114.0

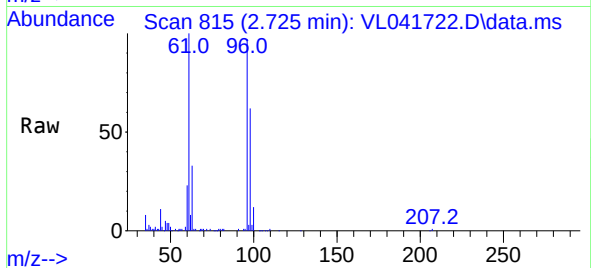
41 43.5 34.2 51.4





#31
cis-1,2-Dichloroethene
Concen: 0.512 ppbv
RT: 2.725 min Scan# 815
Delta R.T. -0.000 min
Lab File: VL041722.D
Acq: 11 Dec 2024 15:46

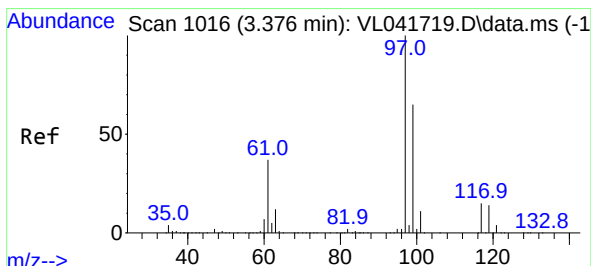
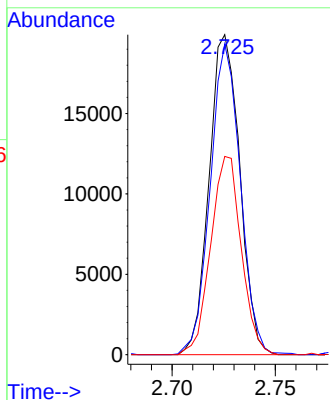
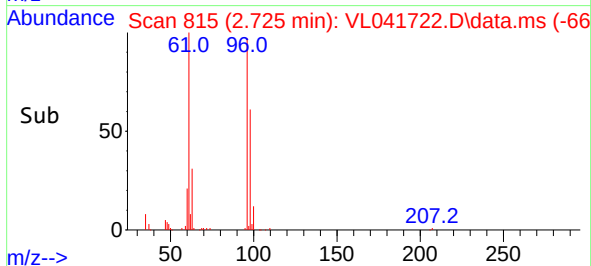
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



Tgt Ion: 61 Resp: 20548
Ion Ratio Lower Upper
61 100
96 96.8 75.4 113.2
98 61.9 48.3 72.5

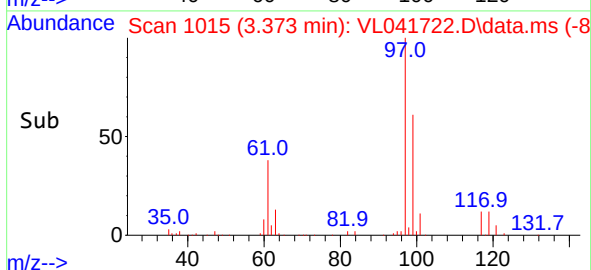
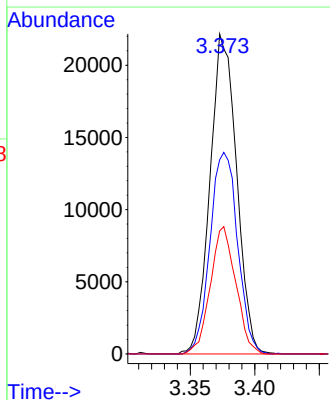
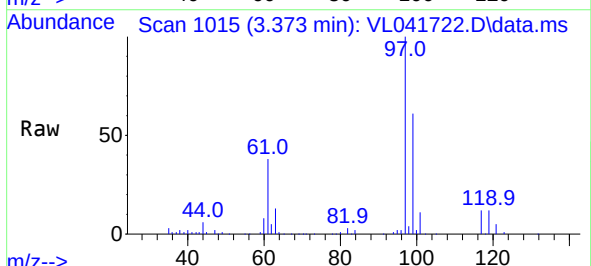
Manual Integrations
APPROVED

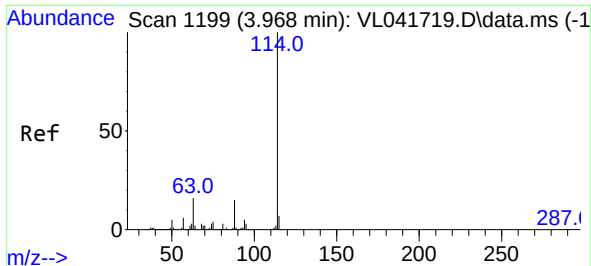
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#32
1,1,1-Trichloroethane
Concen: 0.487 ppbv
RT: 3.373 min Scan# 1015
Delta R.T. -0.003 min
Lab File: VL041722.D
Acq: 11 Dec 2024 15:46

Tgt Ion: 97 Resp: 31733
Ion Ratio Lower Upper
97 100
99 65.4 52.2 78.2
61 38.1 29.8 44.8





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.965 min Scan# 1198

Delta R.T. -0.003 min

Lab File: VL041722.D

Acq: 11 Dec 2024 15:46

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

Tgt Ion:114 Resp: 139368

Ion Ratio Lower Upper

114 100

63 15.9 12.9 19.3

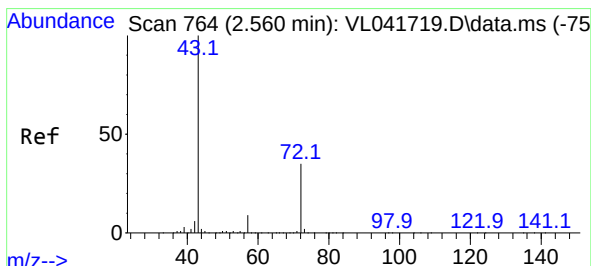
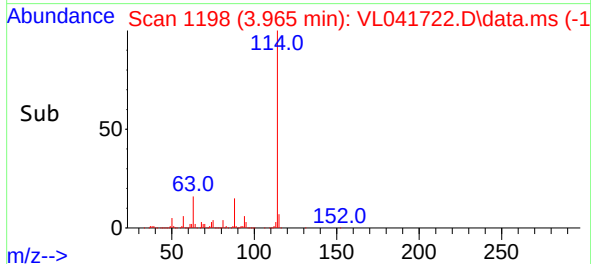
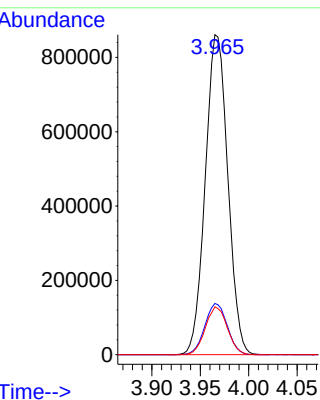
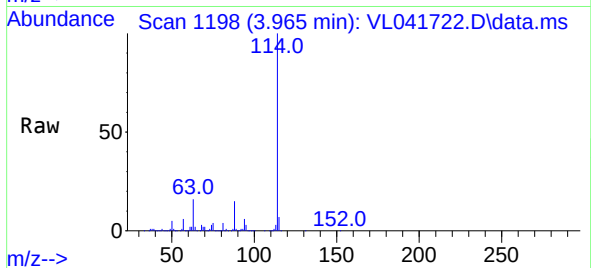
88 14.6 11.8 17.6

Manual Integrations

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Reviewed By :Mahesh Dadoda 12/13/2024

Supervised By :Semsettin Yesilyurt 12/13/2024



#34

2-Butanone

Concen: 0.530 ppbv

RT: 2.564 min Scan# 765

Delta R.T. 0.003 min

Lab File: VL041722.D

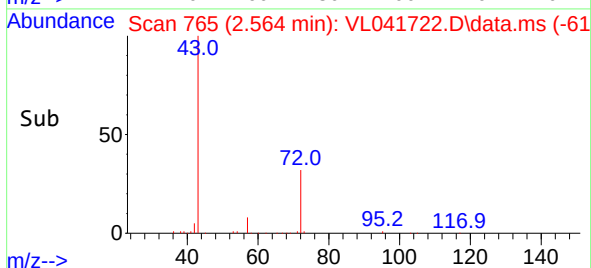
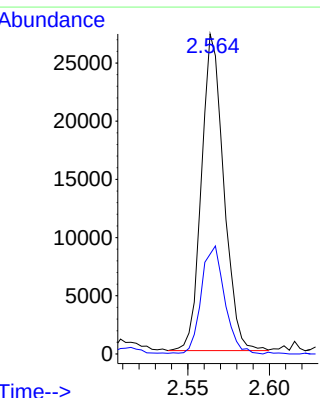
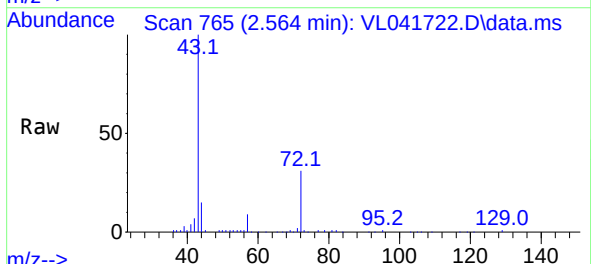
Acq: 11 Dec 2024 15:46

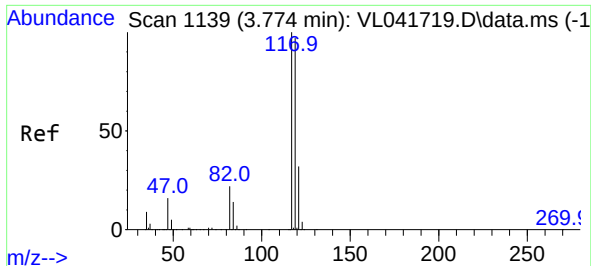
Tgt Ion: 43 Resp: 25869

Ion Ratio Lower Upper

43 100

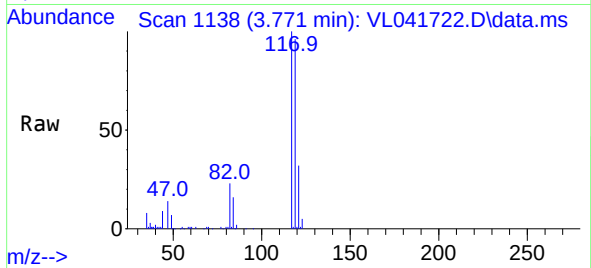
72 36.1 28.3 42.5





#35
Carbon Tetrachloride
Concen: 0.482 ppbv
RT: 3.771 min Scan# 1139
Delta R.T. -0.003 min
Lab File: VL041722.D
Acq: 11 Dec 2024 15:46

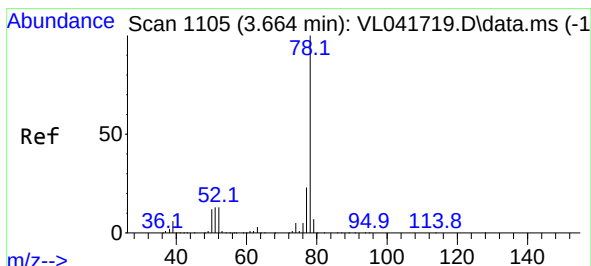
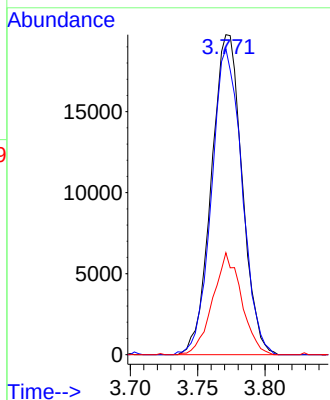
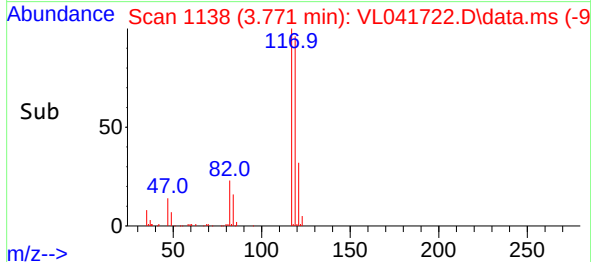
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



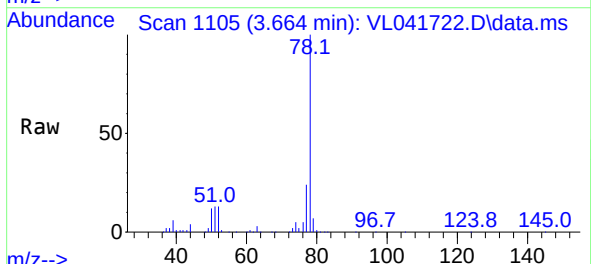
Tgt Ion:117 Resp: 31260
Ion Ratio Lower Upper
117 100
119 95.5 77.7 116.5
121 31.8 25.5 38.3

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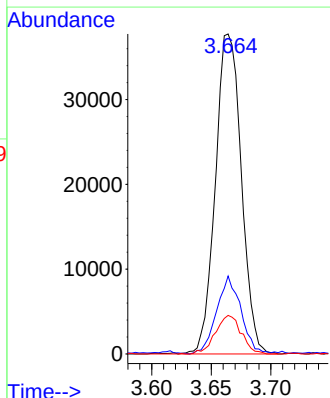
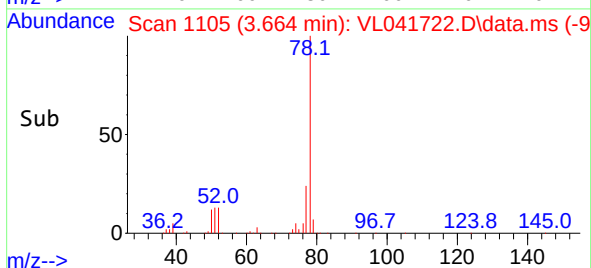
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

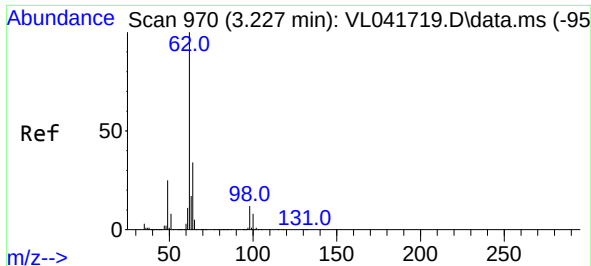


#36
Benzene
Concen: 0.522 ppbv
RT: 3.664 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VL041722.D
Acq: 11 Dec 2024 15:46



Tgt Ion: 78 Resp: 57149
Ion Ratio Lower Upper
78 100
77 24.1 18.6 27.8
50 12.1 9.5 14.3





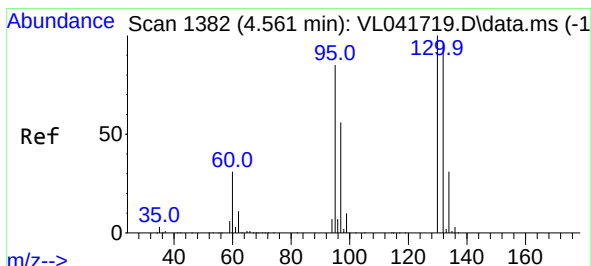
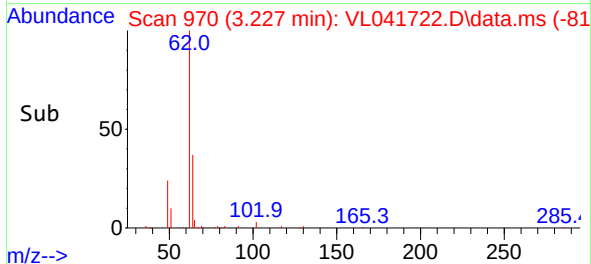
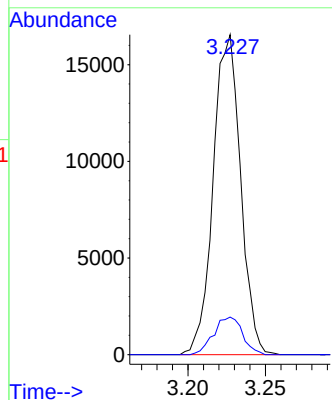
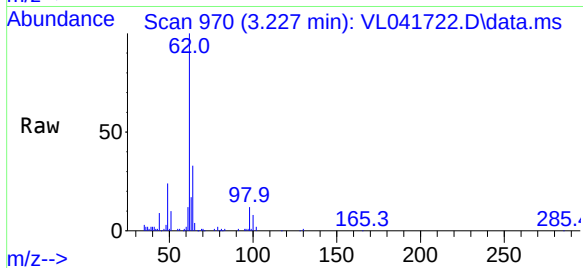
#37
1,2-Dichloroethane
Concen: 0.514 ppbv
RT: 3.227 min Scan# 91
Delta R.T. -0.000 min
Lab File: VL041722.D
Acq: 11 Dec 2024 15:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 62 Resp: 20338
Ion Ratio Lower Upper
62 100
98 12.4 9.4 14.2

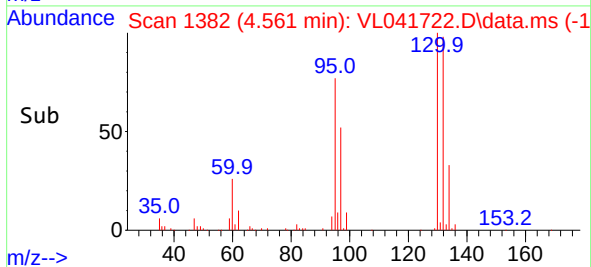
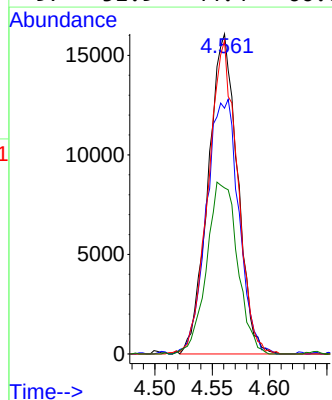
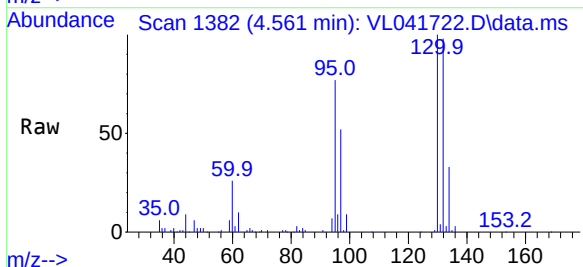
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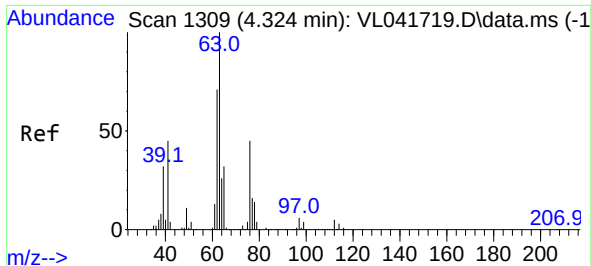
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#38
Trichloroethene
Concen: 0.503 ppbv
RT: 4.561 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VL041722.D
Acq: 11 Dec 2024 15:46

Tgt Ion:130 Resp: 28565
Ion Ratio Lower Upper
130 100
95 76.8 68.0 102.0
132 97.9 76.5 114.7
97 51.9 44.4 66.6





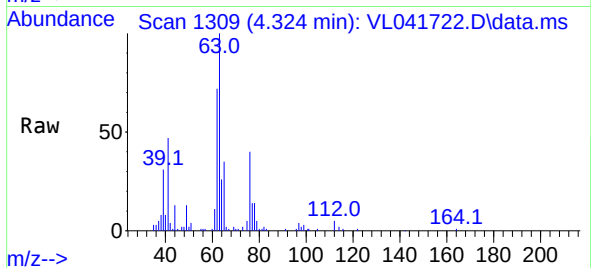
#39
1,2-Dichloropropane
Concen: 0.501 ppbv
RT: 4.324 min Scan# 1309
Delta R.T. -0.000 min
Lab File: VL041722.D
Acq: 11 Dec 2024 15:46

Instrument :

MSVOA_L

ClientSampleId :

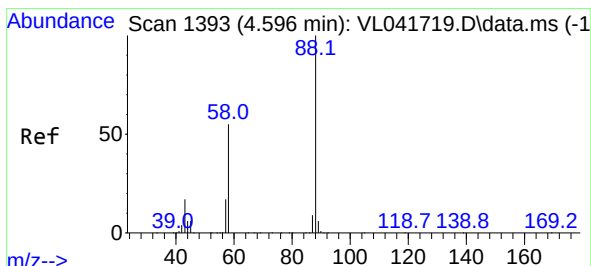
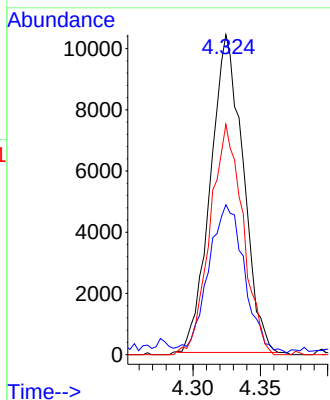
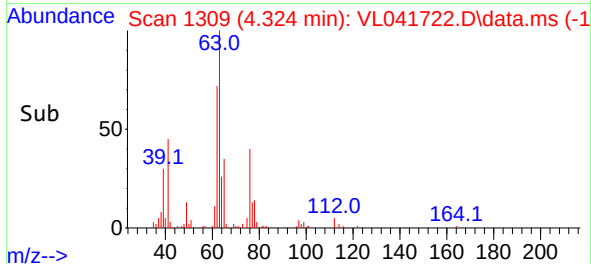
VSTDICC0.5



Tgt Ion: 63 Resp: 1750
Ion Ratio Lower Upper
63 100
41 45.4 36.4 54.6
62 72.4 56.6 85.0

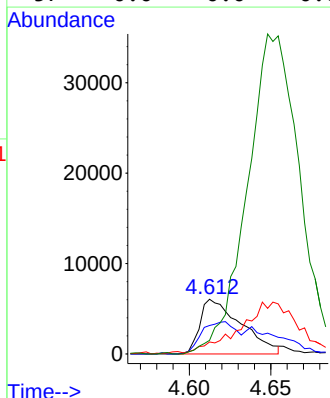
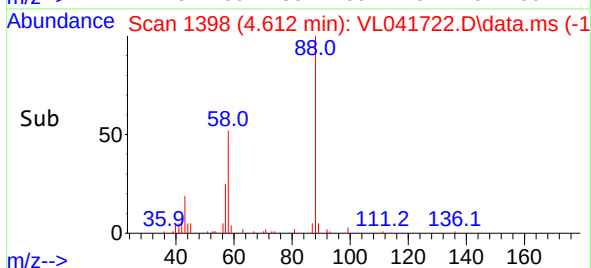
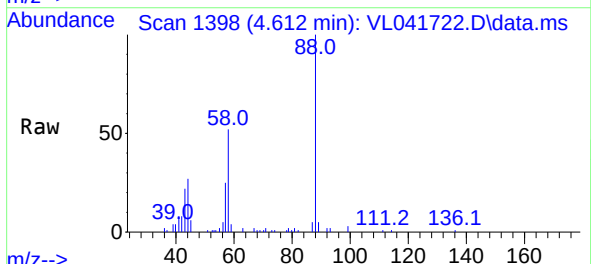
Manual Integrations
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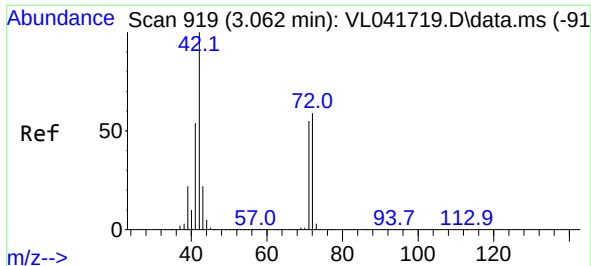
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#40
1,4-Dioxane
Concen: 0.506 ppbv
RT: 4.612 min Scan# 1398
Delta R.T. 0.016 min
Lab File: VL041722.D
Acq: 11 Dec 2024 15:46

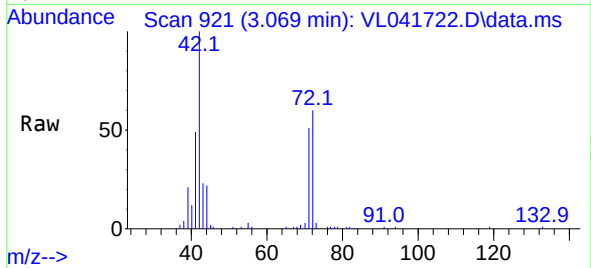
Tgt Ion: 88 Resp: 10665
Ion Ratio Lower Upper
88 100
58 95.5 45.7 68.5#
43 0.0 0.0 0.0
57 0.0 0.0 0.0





#41
Tetrahydrofuran
Concen: 0.525 ppbv
RT: 3.069 min Scan# 919
Delta R.T. 0.006 min
Lab File: VL041722.D
Acq: 11 Dec 2024 15:46

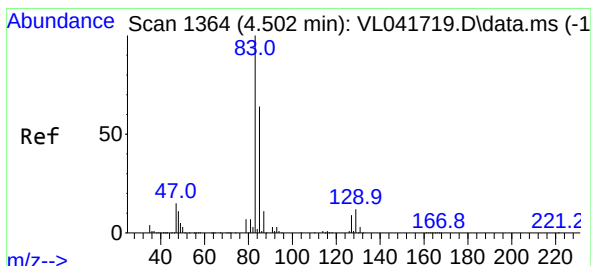
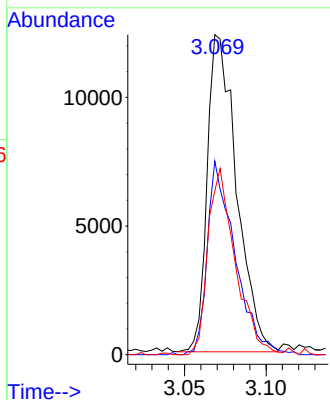
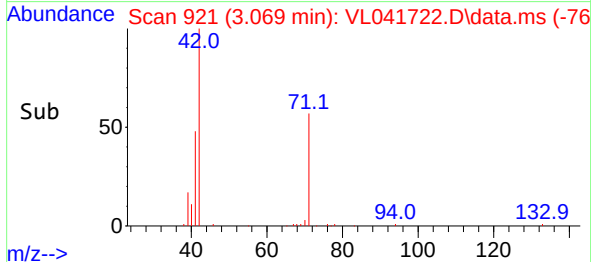
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



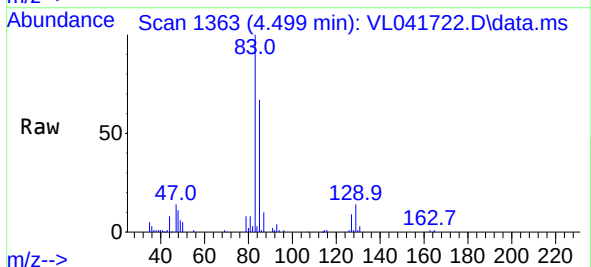
Tgt Ion: 42 Resp: 1543
Ion Ratio Lower Upper
42 100
72 58.0 47.4 71.0
71 56.2 44.4 66.6

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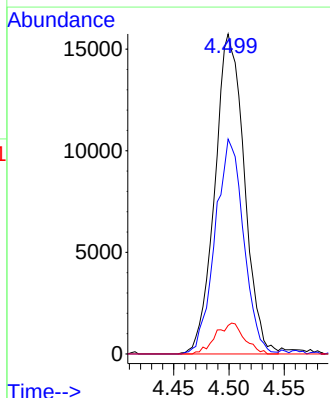
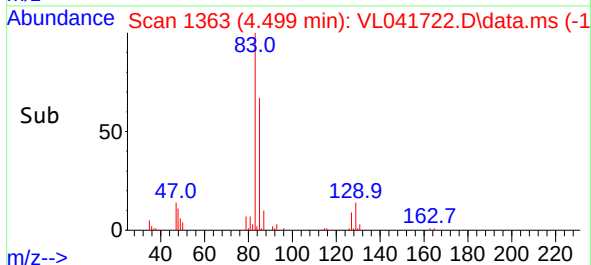
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

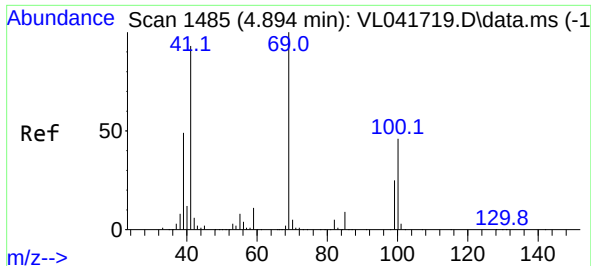


#42
Bromodichloromethane
Concen: 0.456 ppbv
RT: 4.499 min Scan# 1363
Delta R.T. -0.003 min
Lab File: VL041722.D
Acq: 11 Dec 2024 15:46



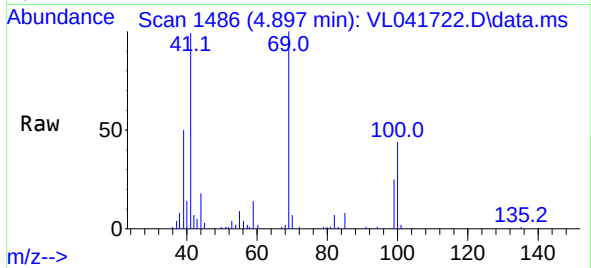
Tgt Ion: 83 Resp: 29121
Ion Ratio Lower Upper
83 100
85 67.2 51.0 76.6
127 8.9 7.6 11.4





#43
Methyl Methacrylate
Concen: 0.483 ppbv
RT: 4.897 min Scan# 1486
Delta R.T. 0.003 min
Lab File: VL041722.D
Acq: 11 Dec 2024 15:46

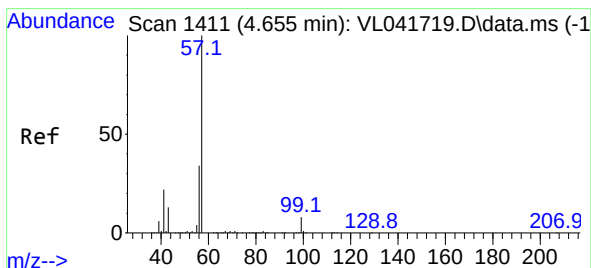
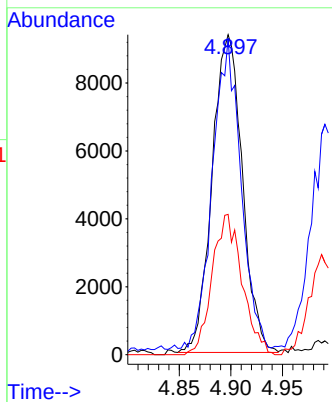
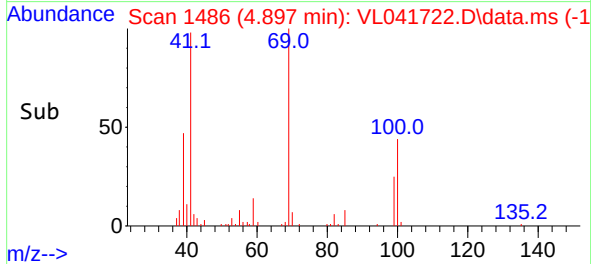
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



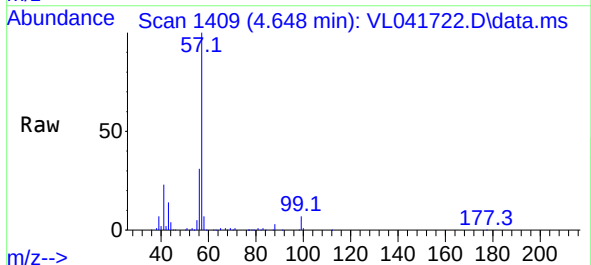
Tgt Ion: 69 Resp: 19050
Ion Ratio Lower Upper
69 100
41 93.5 74.6 112.0
100 43.6 35.5 53.3

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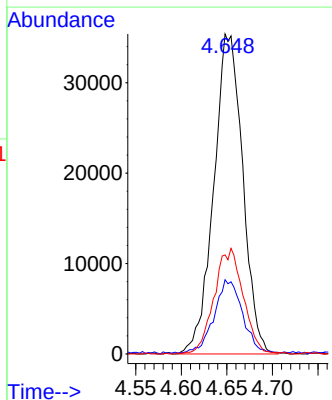
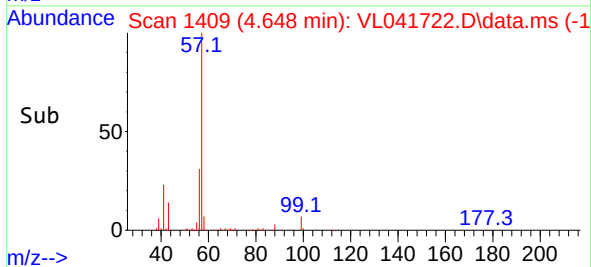
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

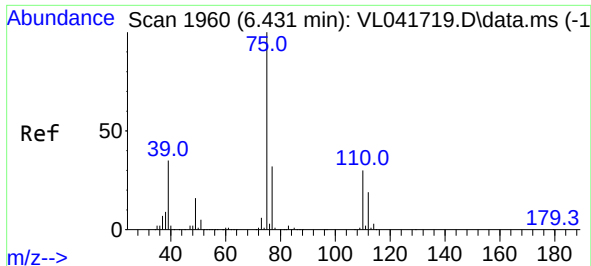


#44
2,2,4-Trimethylpentane
Concen: 0.513 ppbv
RT: 4.648 min Scan# 1409
Delta R.T. -0.007 min
Lab File: VL041722.D
Acq: 11 Dec 2024 15:46



Tgt Ion: 57 Resp: 78299
Ion Ratio Lower Upper
57 100
41 23.9 17.2 25.8
56 33.2 26.6 40.0





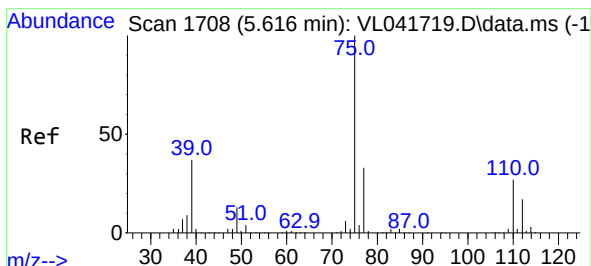
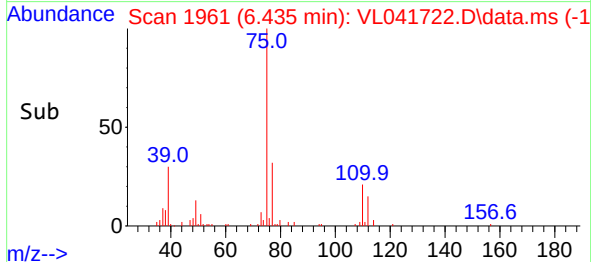
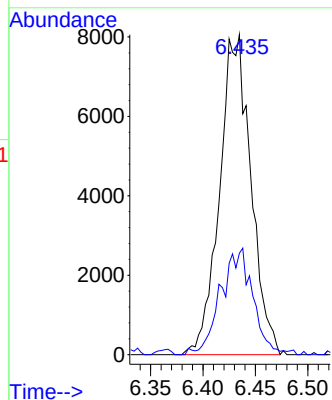
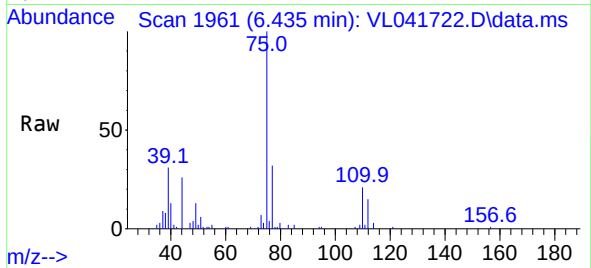
#45
t-1,3-Dichloropropene
Concen: 0.434 ppbv m
RT: 6.435 min Scan# 1960
Delta R.T. 0.003 min
Lab File: VL041722.D
Acq: 11 Dec 2024 15:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 75 Resp: 16759
Ion Ratio Lower Upper
75 100
77 31.7 25.8 38.6

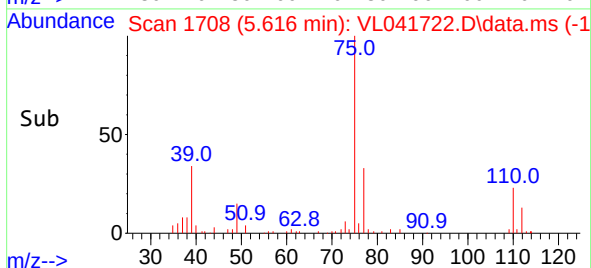
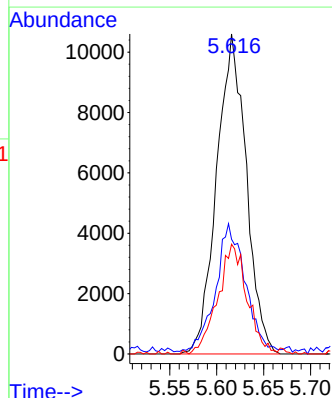
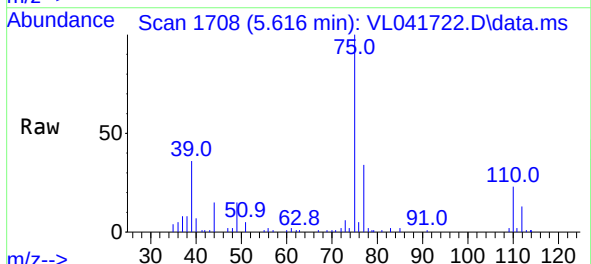
Manual Integrations
APPROVED

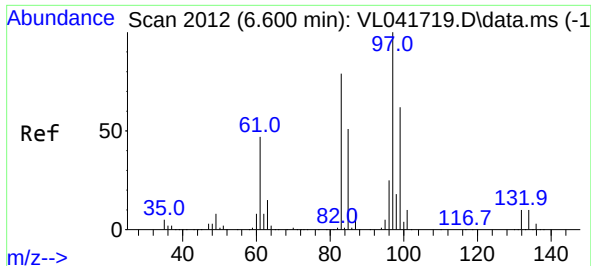
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#46
cis-1,3-Dichloropropene
Concen: 0.454 ppbv
RT: 5.616 min Scan# 1708
Delta R.T. -0.000 min
Lab File: VL041722.D
Acq: 11 Dec 2024 15:46

Tgt Ion: 75 Resp: 23194
Ion Ratio Lower Upper
75 100
39 35.0 29.8 44.6
77 34.3 26.2 39.2





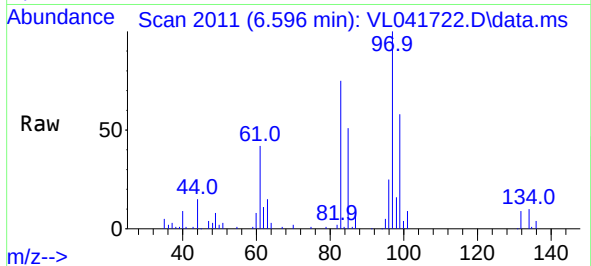
#47
1,1,2-Trichloroethane
Concen: 0.497 ppbv
RT: 6.596 min Scan# 2011
Delta R.T. -0.003 min
Lab File: VL041722.D
Acq: 11 Dec 2024 15:46

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

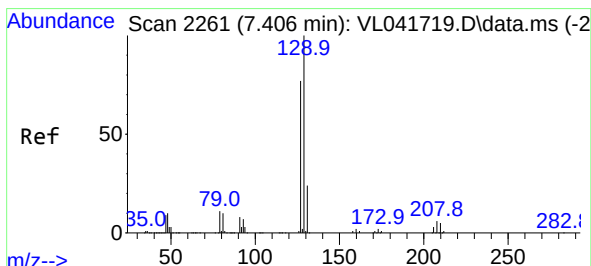
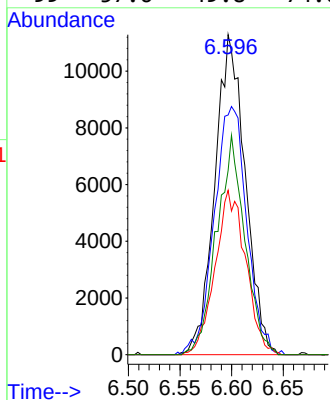
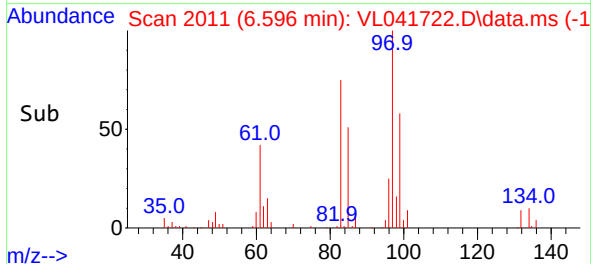


Tgt Ion	Ratio	Lower	Upper
97	100		
83	74.4	63.0	94.4
85	51.4	41.0	61.6
99	57.6	49.8	74.6

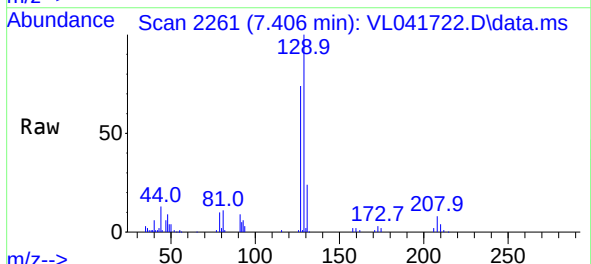
Manual Integrations

APPROVED

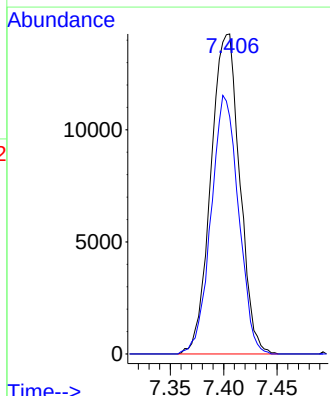
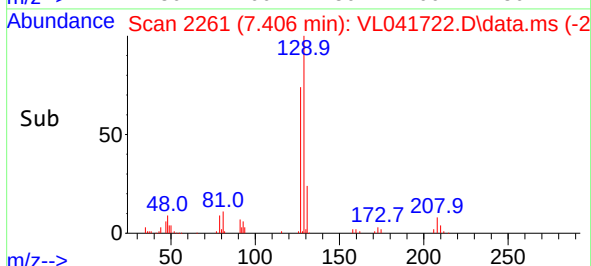
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

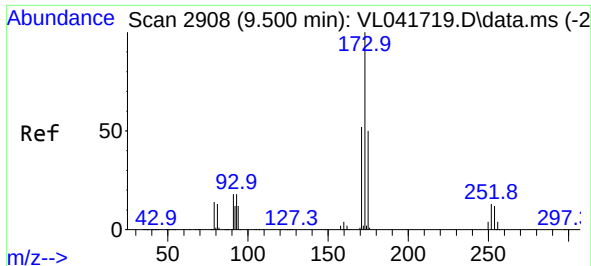


#48
Dibromochloromethane
Concen: 0.401 ppbv
RT: 7.406 min Scan# 2261
Delta R.T. -0.000 min
Lab File: VL041722.D
Acq: 11 Dec 2024 15:46



Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.7	38.6	115.7





#49

Bromoform

Concen: 0.374 ppbv

RT: 9.496 min Scan# 2908

Delta R.T. -0.003 min

Lab File: VL041722.D

Acq: 11 Dec 2024 15:46

Instrument :

MSVOA_L

ClientSampleId :

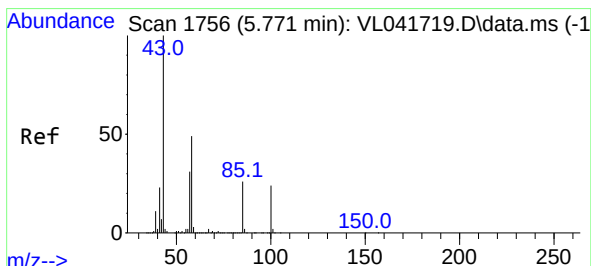
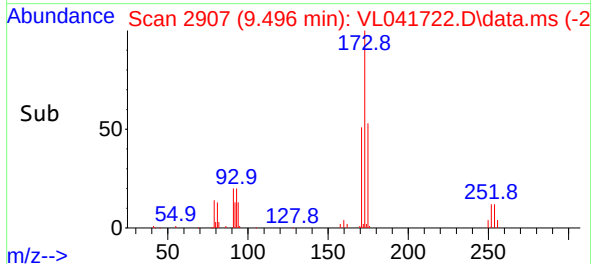
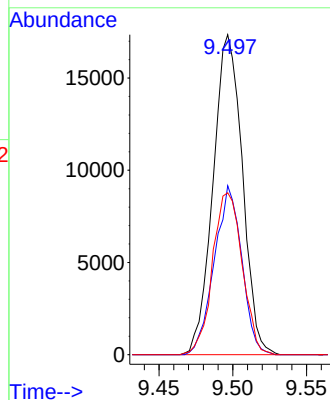
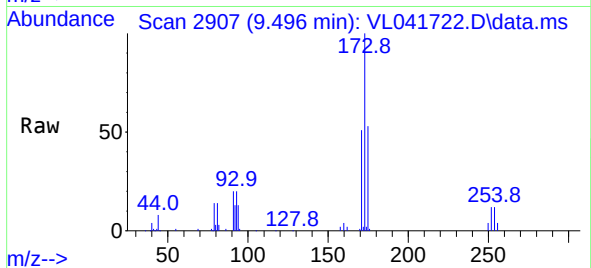
VSTDICC0.5

Tgt Ion:	173	Resp:	23980
Ion	Ratio	Lower	Upper
173	100		
175	49.4	39.5	59.3
171	51.1	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: 0.494 ppbv m

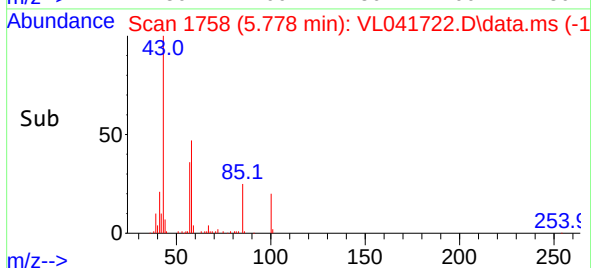
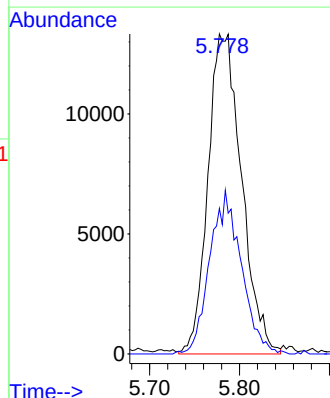
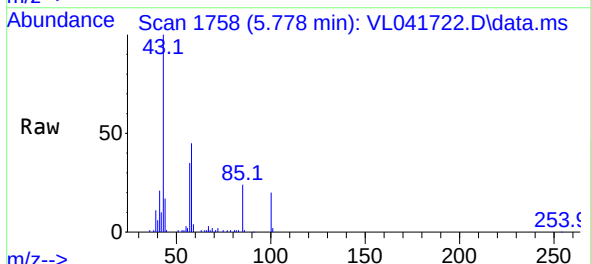
RT: 5.778 min Scan# 1758

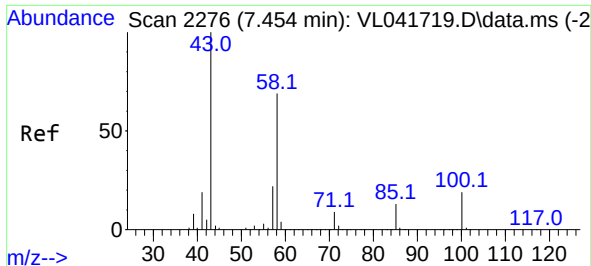
Delta R.T. 0.006 min

Lab File: VL041722.D

Acq: 11 Dec 2024 15:46

Tgt Ion:	43	Resp:	34606
Ion	Ratio	Lower	Upper
43	100		
58	0.0	38.9	58.3#





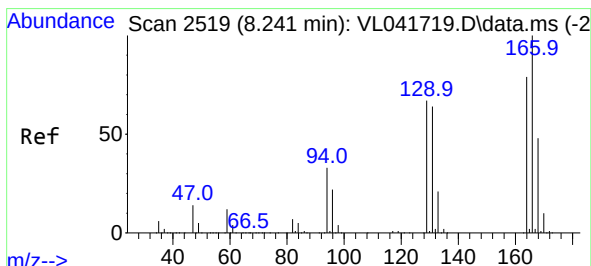
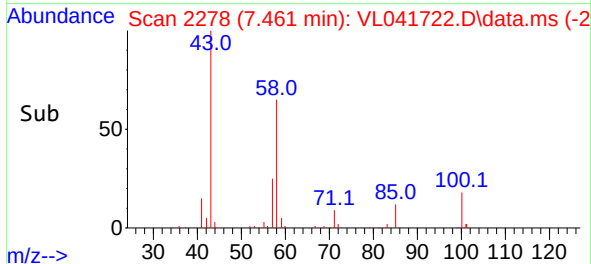
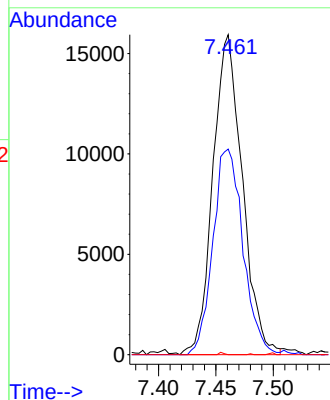
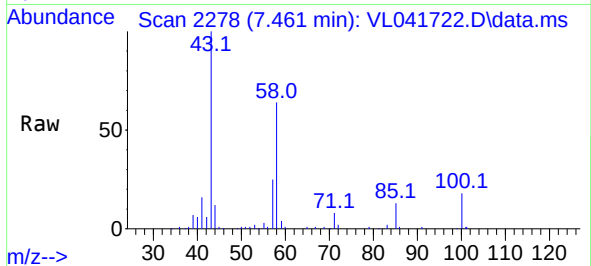
#51
2-Hexanone
Concen: 0.494 ppbv
RT: 7.461 min Scan# 21
Delta R.T. 0.006 min
Lab File: VL041722.D
Acq: 11 Dec 2024 15:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 43 Resp: 2842
Ion Ratio Lower Upper
43 100
58 66.0 54.2 81.4
98 0.1 0.2 0.2

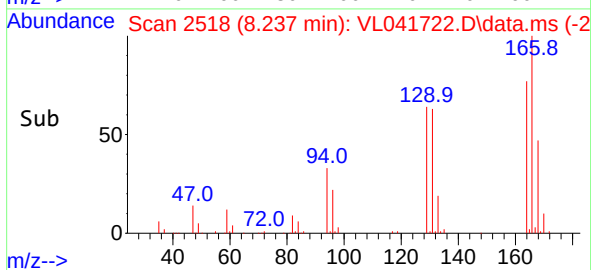
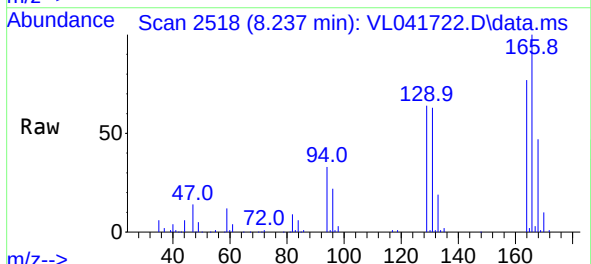
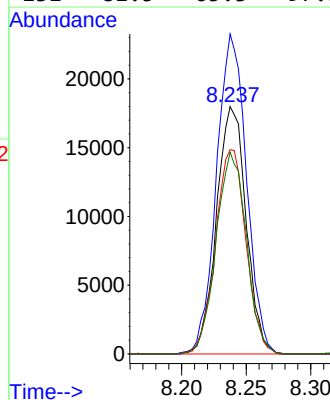
Manual Integrations
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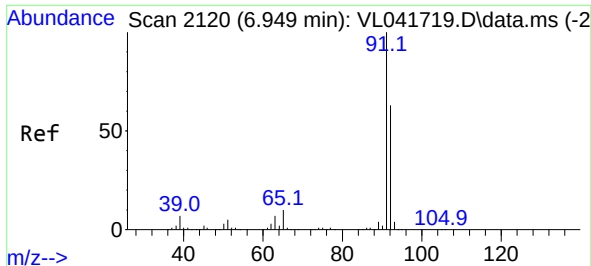
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#52
Tetrachloroethene
Concen: 0.494 ppbv
RT: 8.237 min Scan# 2518
Delta R.T. -0.003 min
Lab File: VL041722.D
Acq: 11 Dec 2024 15:46

Tgt Ion:164 Resp: 28674
Ion Ratio Lower Upper
164 100
166 129.0 101.4 152.0
129 82.6 67.6 101.4
131 81.5 65.3 97.9





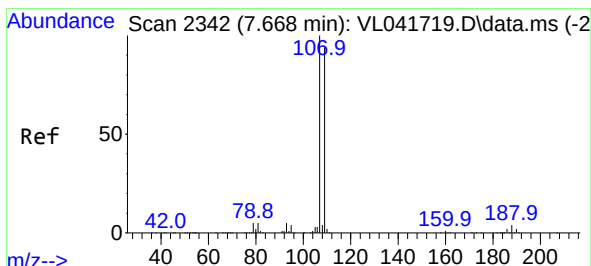
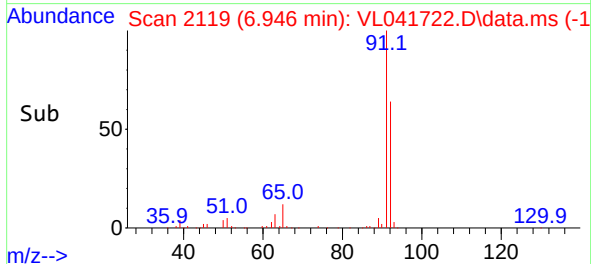
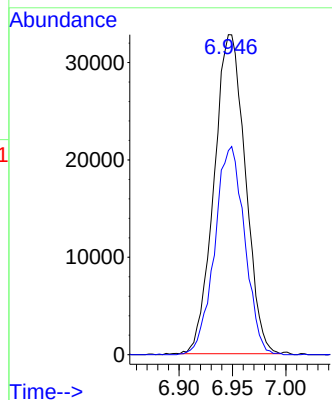
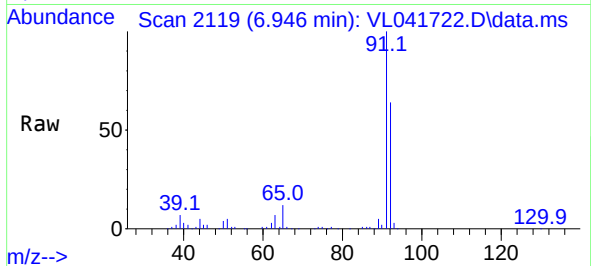
#53
Toluene
Concen: 0.496 ppbv
RT: 6.946 min Scan# 2119
Delta R.T. -0.003 min
Lab File: VL041722.D
Acq: 11 Dec 2024 15:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 91 Resp: 6681
Ion Ratio Lower Upper
91 100
92 62.6 49.7 74.5

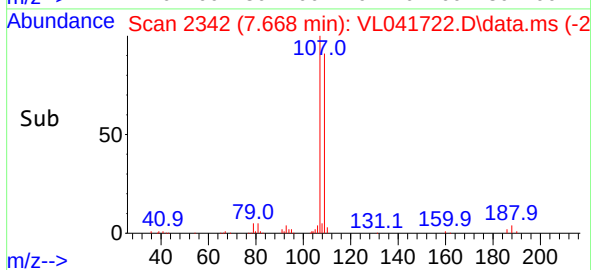
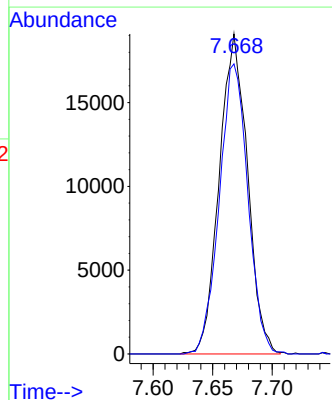
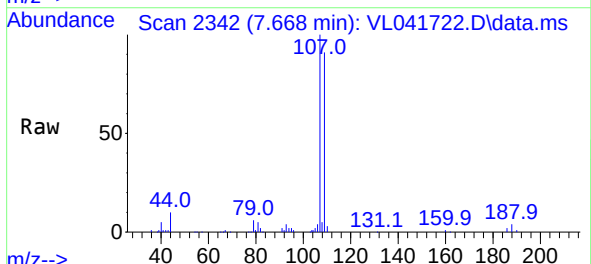
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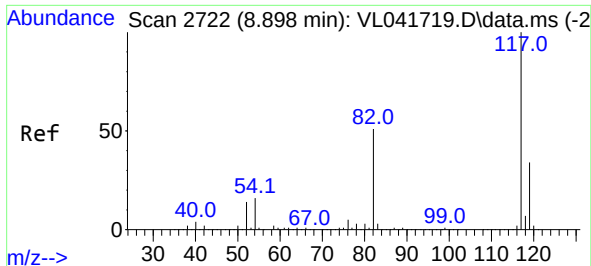
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#54
1,2-Dibromoethane
Concen: 0.495 ppbv
RT: 7.668 min Scan# 2342
Delta R.T. -0.000 min
Lab File: VL041722.D
Acq: 11 Dec 2024 15:46

Tgt Ion:107 Resp: 31433
Ion Ratio Lower Upper
107 100
109 90.7 75.5 113.3





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.894 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL041722.D
Acq: 11 Dec 2024 15:46

Instrument :

MSVOA_L

ClientSampleId :

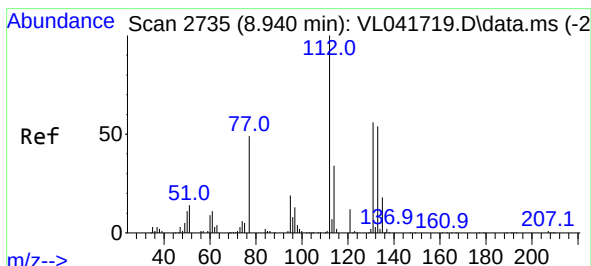
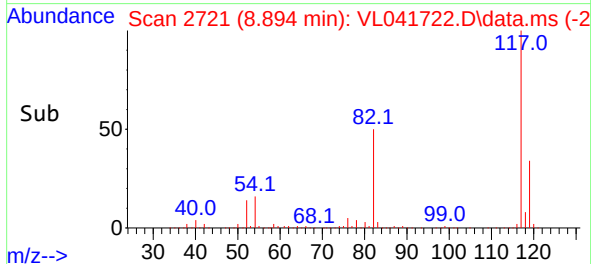
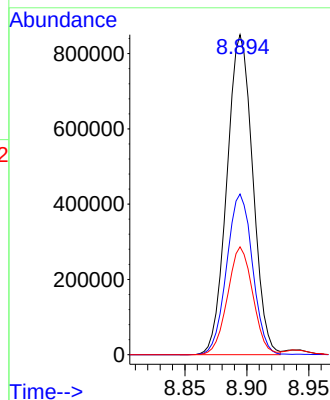
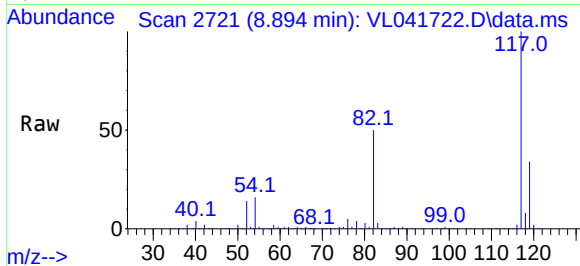
VSTDICC0.5

Tgt Ion:117 Resp: 123638
Ion Ratio Lower Upper
117 100
82 50.3 41.3 61.9
119 34.4 25.8 38.8

Manual Integrations

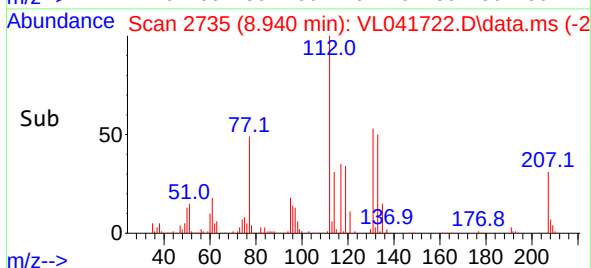
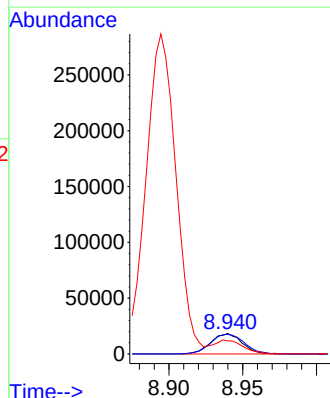
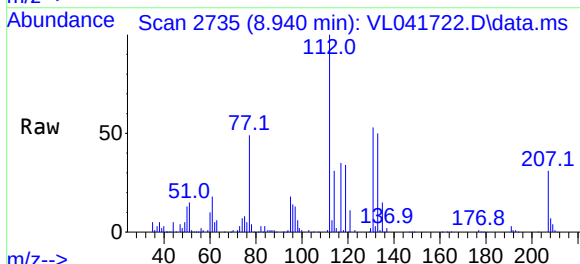
APPROVED

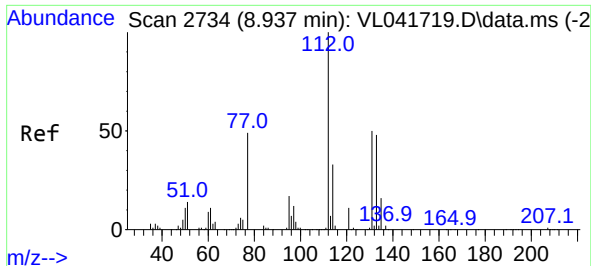
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#56
1,1,1,2-Tetrachloroethane
Concen: 0.464 ppbv
RT: 8.940 min Scan# 2735
Delta R.T. -0.000 min
Lab File: VL041722.D
Acq: 11 Dec 2024 15:46

Tgt Ion:131 Resp: 26669
Ion Ratio Lower Upper
131 100
133 105.7 76.9 115.3
119 1593.3 52.6 78.8#





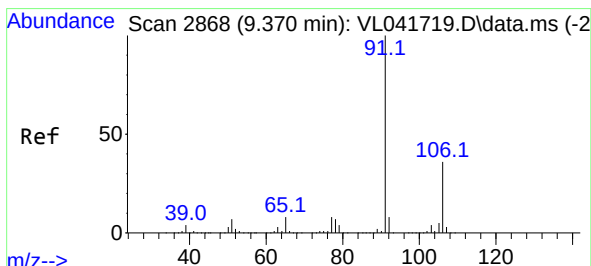
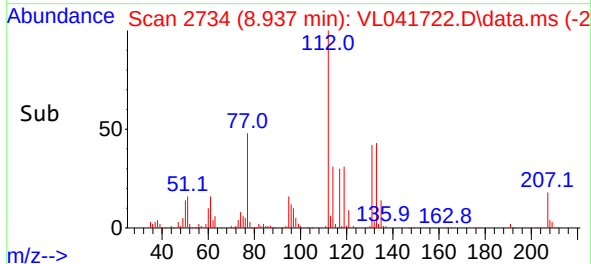
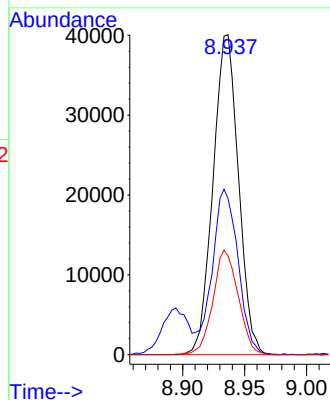
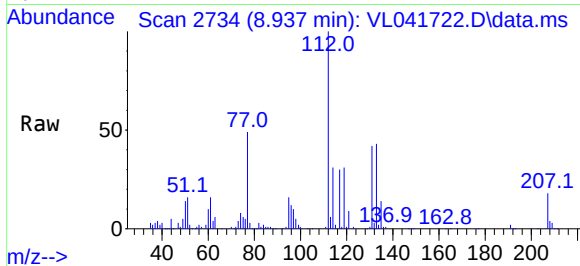
#57
Chlorobenzene
Concen: 0.510 ppbv
RT: 8.937 min Scan# 21
Delta R.T. -0.000 min
Lab File: VL041722.D
Acq: 11 Dec 2024 15:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion:112 Resp: 57349
Ion Ratio Lower Upper
112 100
77 48.8 40.1 60.1
114 30.9 30.2 36.9

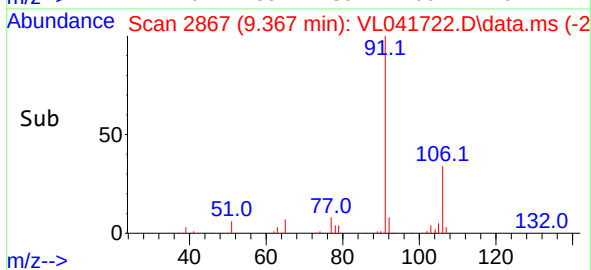
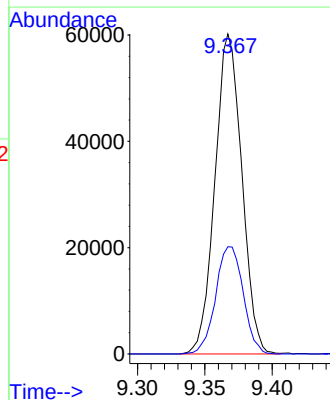
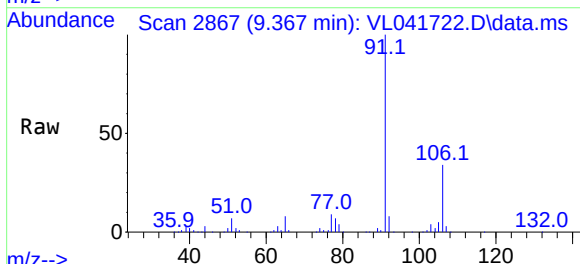
Manual Integrations
APPROVED

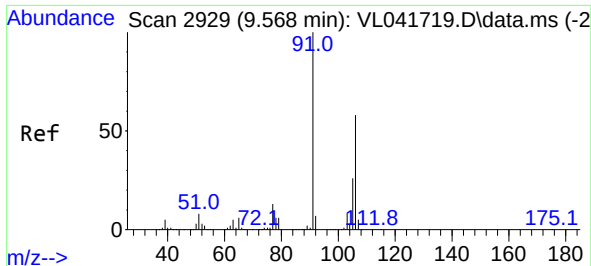
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#58
Ethyl Benzene
Concen: 0.505 ppbv
RT: 9.367 min Scan# 2867
Delta R.T. -0.003 min
Lab File: VL041722.D
Acq: 11 Dec 2024 15:46

Tgt Ion: 91 Resp: 83518
Ion Ratio Lower Upper
91 100
106 33.5 28.6 43.0





#59

m/p-Xylene

Concen: 1.002 ppbv m

RT: 9.564 min Scan# 29

Delta R.T. -0.003 min

Lab File: VL041722.D

Acq: 11 Dec 2024 15:46

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5

Tgt Ion: 91 Resp: 126994

Ion Ratio Lower Upper

91 100

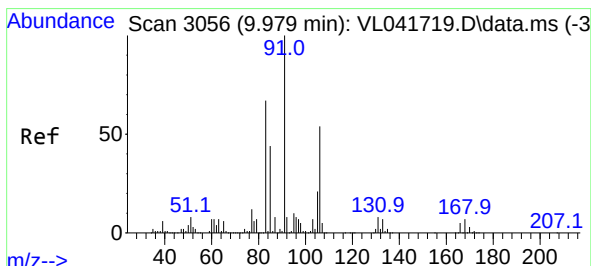
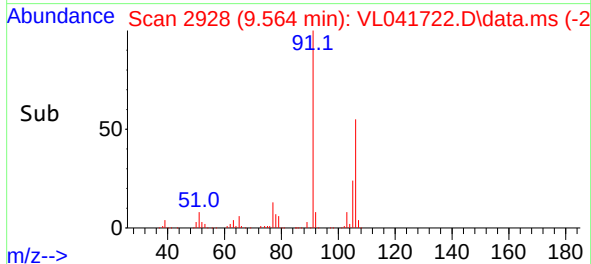
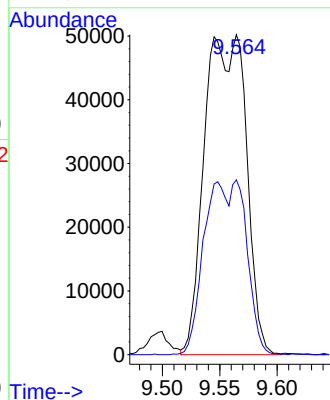
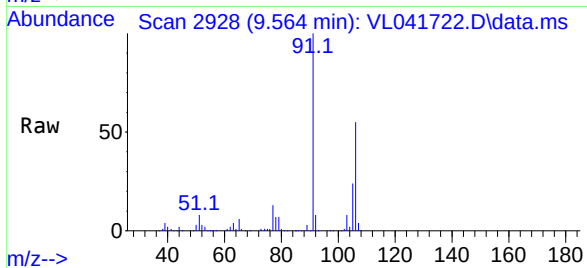
106 54.9 45.1 67.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/13/2024

Supervised By :Semsettin Yesilyurt 12/13/2024



#60

o-Xylene

Concen: 0.501 ppbv

RT: 9.976 min Scan# 3055

Delta R.T. -0.003 min

Lab File: VL041722.D

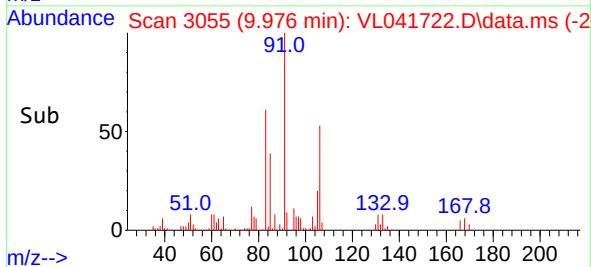
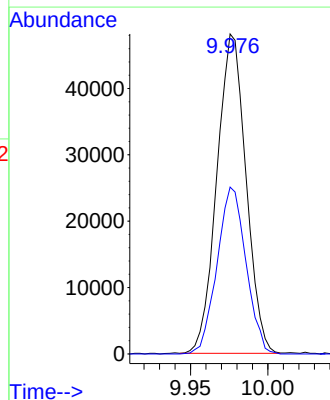
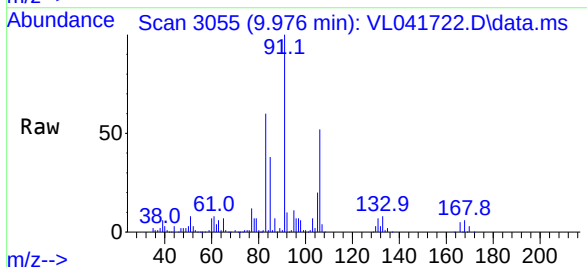
Acq: 11 Dec 2024 15:46

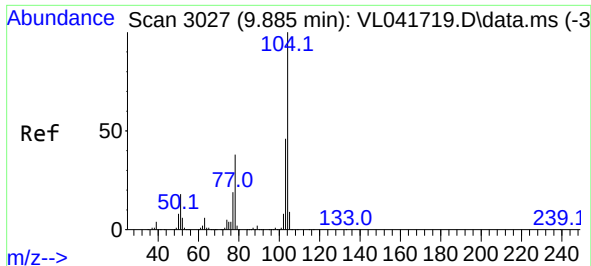
Tgt Ion: 91 Resp: 62926

Ion Ratio Lower Upper

91 100

106 51.8 26.8 80.4





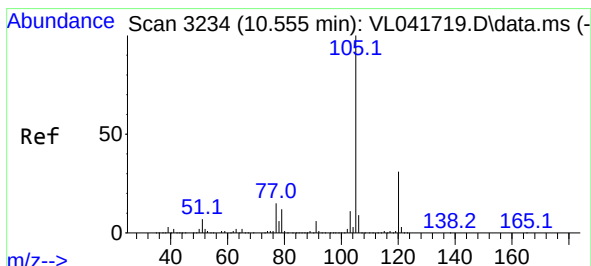
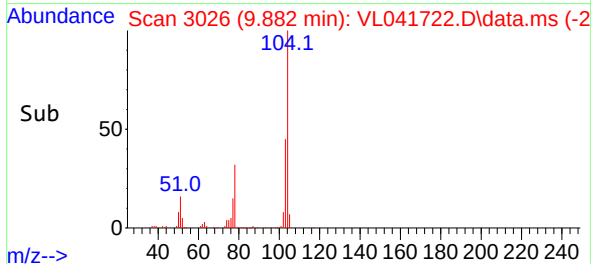
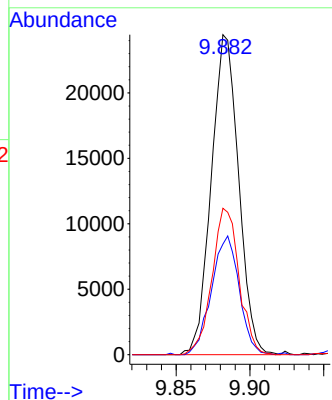
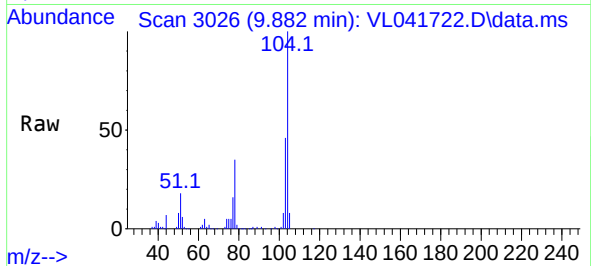
#61
Styrene
Concen: 0.454 ppbv
RT: 9.882 min Scan# 3027
Delta R.T. -0.003 min
Lab File: VL041722.D
Acq: 11 Dec 2024 15:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:104 Resp: 3149
Ion Ratio Lower Upper
104 100
78 37.9 30.2 45.4
103 45.3 36.7 55.1

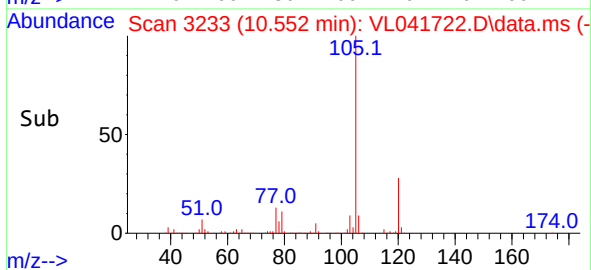
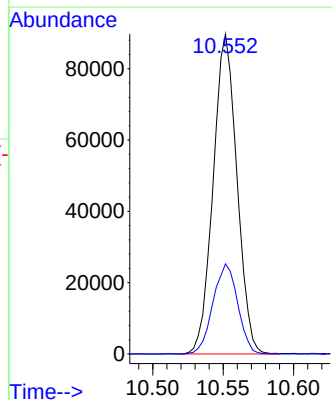
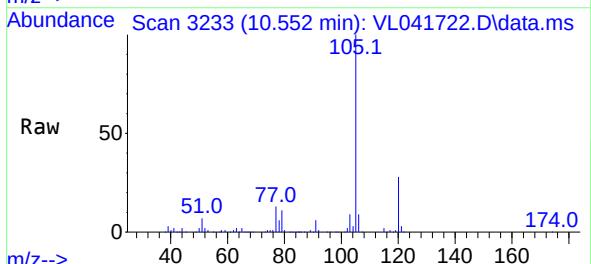
Manual Integrations
APPROVED

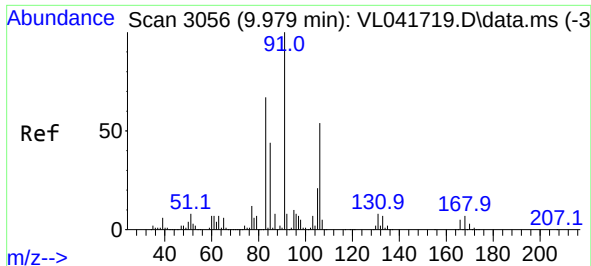
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#62
Isopropylbenzene
Concen: 0.509 ppbv
RT: 10.552 min Scan# 3233
Delta R.T. -0.003 min
Lab File: VL041722.D
Acq: 11 Dec 2024 15:46

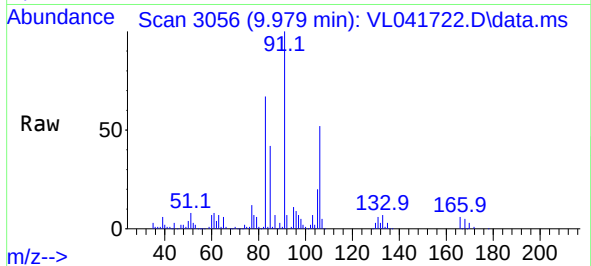
Tgt Ion:105 Resp: 105547
Ion Ratio Lower Upper
105 100
120 29.2 24.3 36.5





#63
1,1,2,2-Tetrachloroethane
Concen: 0.498 ppbv
RT: 9.979 min Scan# 3056
Delta R.T. -0.000 min
Lab File: VL041722.D
Acq: 11 Dec 2024 15:46

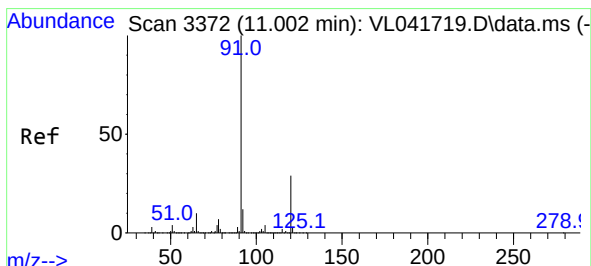
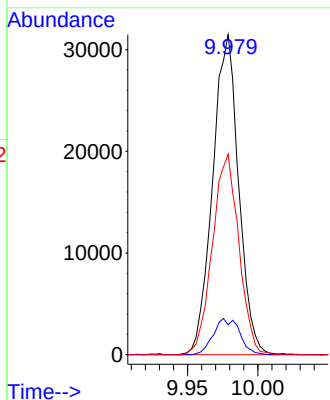
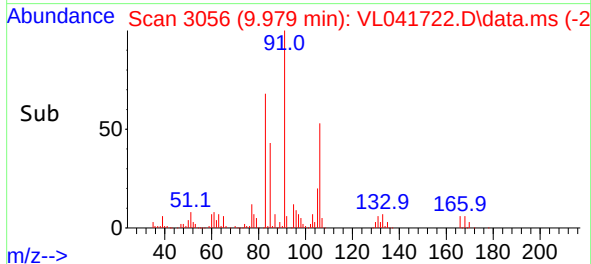
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5



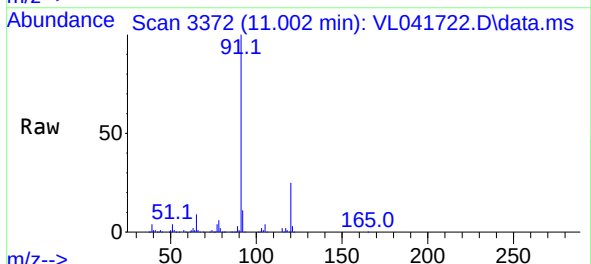
Tgt Ion: 83 Resp: 40492
Ion Ratio Lower Upper
83 100
131 11.5 5.9 17.6
85 63.6 32.8 98.4

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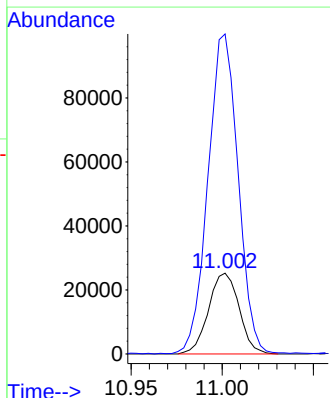
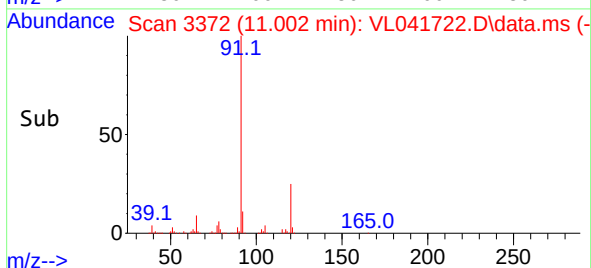
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

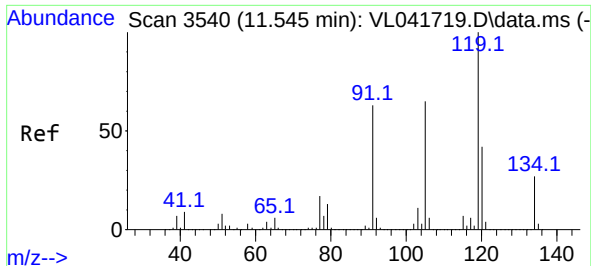


#64
n-propylbenzene
Concen: 0.482 ppbv
RT: 11.002 min Scan# 3372
Delta R.T. -0.000 min
Lab File: VL041722.D
Acq: 11 Dec 2024 15:46



Tgt Ion:120 Resp: 29407
Ion Ratio Lower Upper
120 100
91 392.6 290.8 436.2





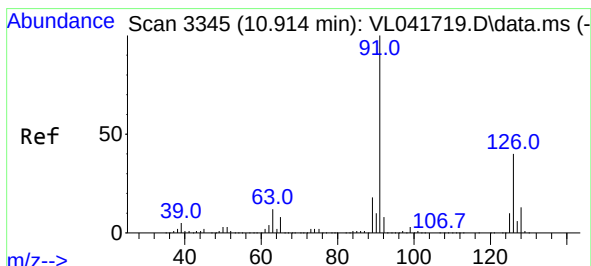
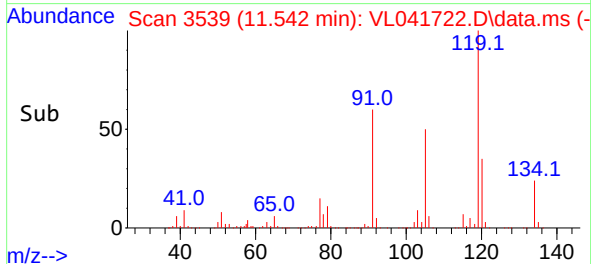
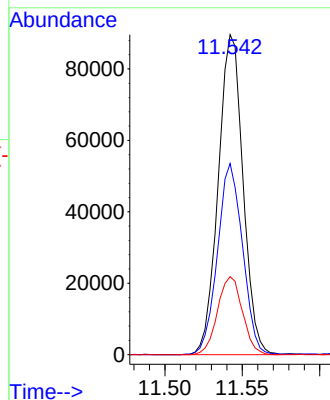
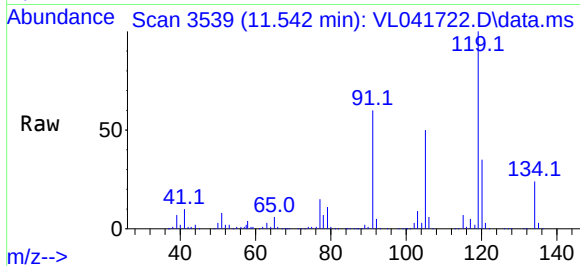
#65
tert-Butylbenzene
Concen: 0.508 ppbv
RT: 11.542 min Scan# 3539
Delta R.T. -0.003 min
Lab File: VL041722.D
Acq: 11 Dec 2024 15:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 119 Resp: 9979
Ion Ratio Lower Upper
119 100
91 60.4 50.2 75.4
134 24.4 20.4 30.6

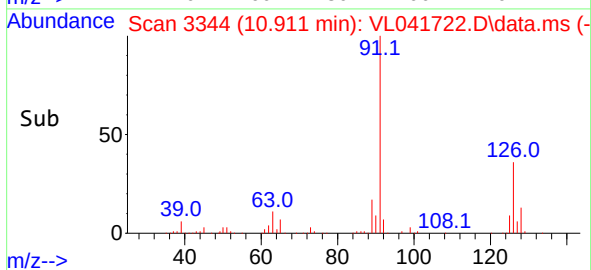
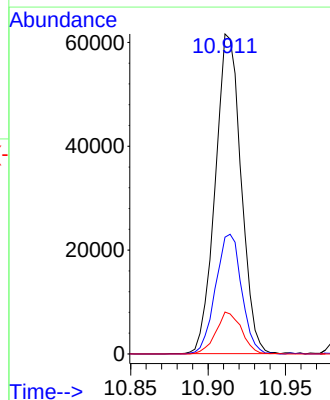
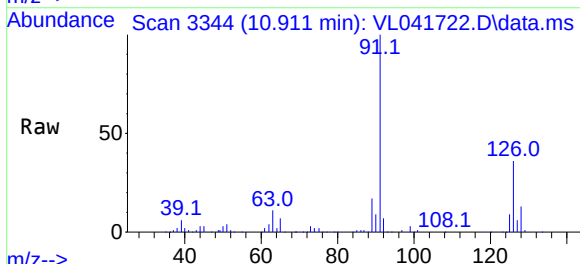
Manual Integrations
APPROVED

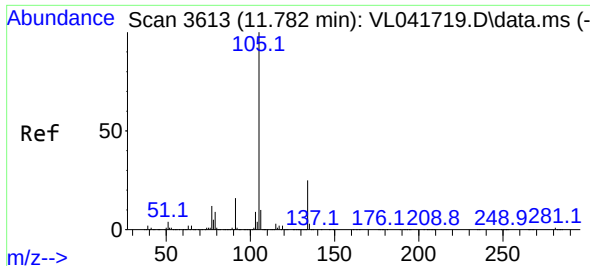
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#66
Benzyl Chloride
Concen: 0.505 ppbv
RT: 10.911 min Scan# 3344
Delta R.T. -0.003 min
Lab File: VL041722.D
Acq: 11 Dec 2024 15:46

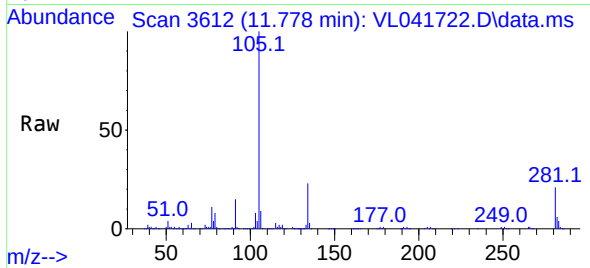
Tgt Ion: 91 Resp: 71202
Ion Ratio Lower Upper
91 100
126 38.0 31.8 47.8
128 13.0 10.3 15.5





#67
 sec-Butylbenzene
 Concen: 0.508 ppbv
 RT: 11.778 min Scan# 30
 Delta R.T. -0.003 min
 Lab File: VL041722.D
 Acq: 11 Dec 2024 15:46

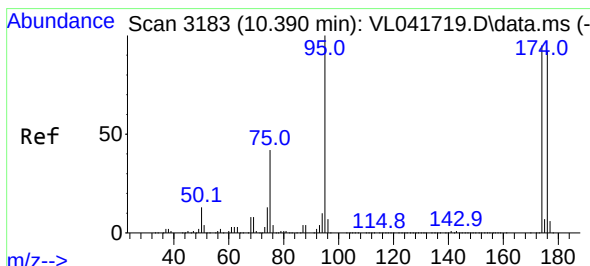
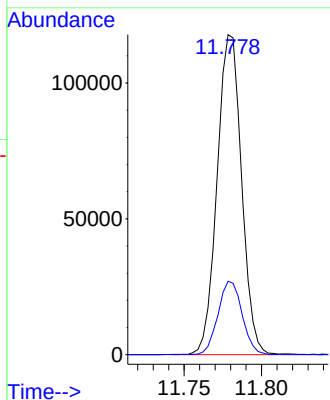
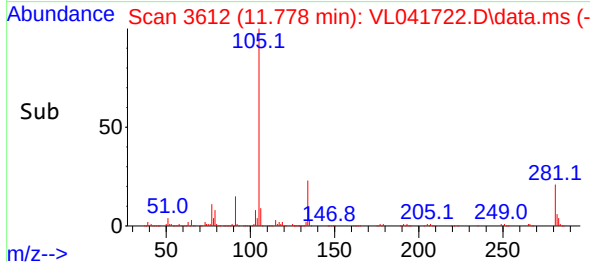
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5



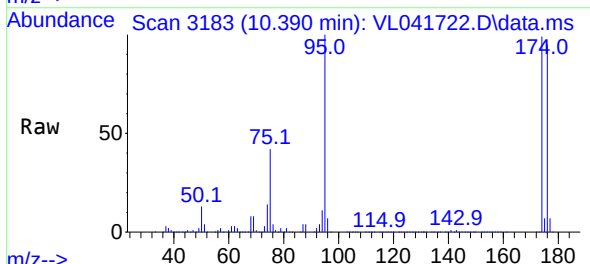
Tgt Ion:105 Resp: 12922
 Ion Ratio Lower Upper
 105 100
 134 22.7 19.3 28.9

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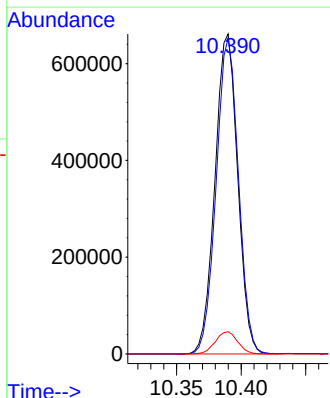
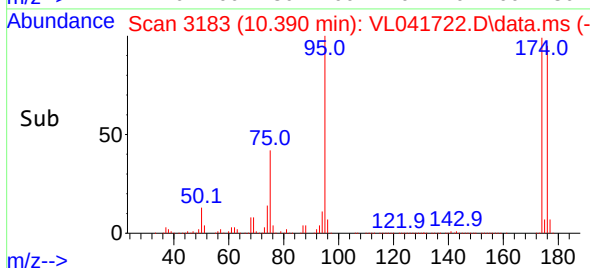
Reviewed By :Mahesh Dadoda 12/13/2024
 Supervised By :Semsettin Yesilyurt 12/13/2024

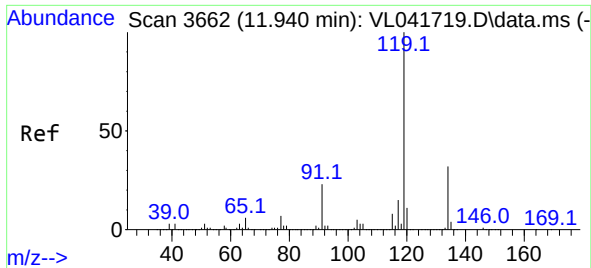


#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.939 ppbv
 RT: 10.390 min Scan# 3183
 Delta R.T. -0.000 min
 Lab File: VL041722.D
 Acq: 11 Dec 2024 15:46



Tgt Ion: 95 Resp: 807853
 Ion Ratio Lower Upper
 95 100
 174 97.1 76.7 115.1
 175 6.9 5.4 8.2





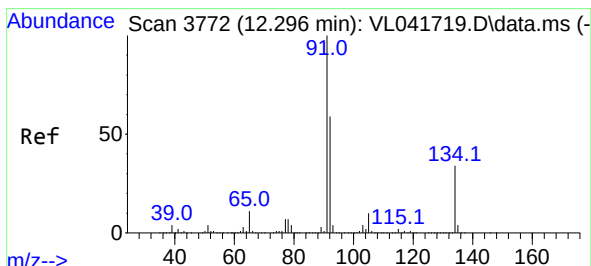
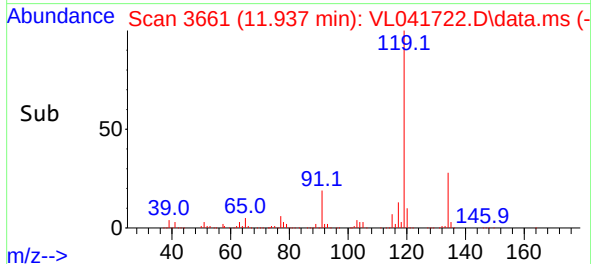
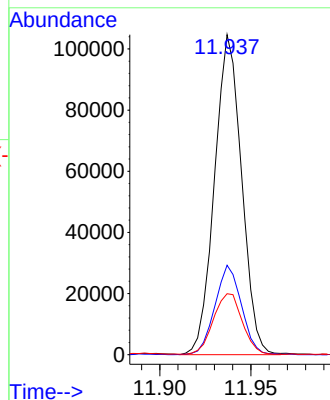
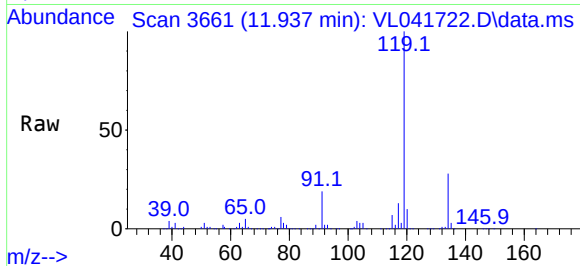
#69
p-Isopropyltoluene
Concen: 0.493 ppbv
RT: 11.937 min Scan# 3661
Delta R.T. -0.003 min
Lab File: VL041722.D
Acq: 11 Dec 2024 15:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion:119 Resp: 108114
Ion Ratio Lower Upper
119 100
134 27.5 24.6 36.8
91 21.5 17.8 26.8

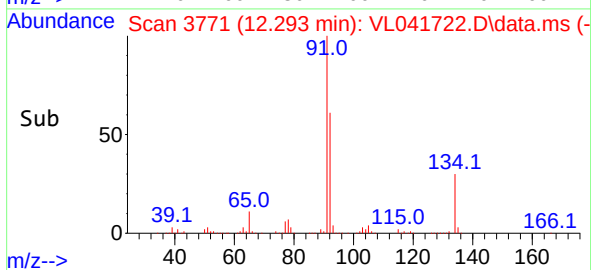
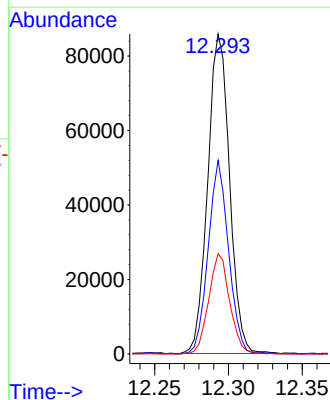
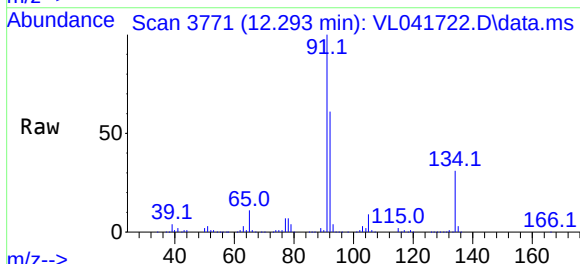
Manual Integrations
APPROVED

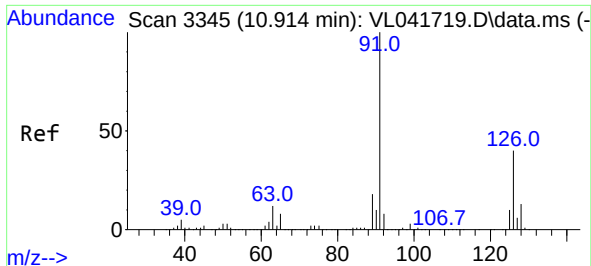
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#70
n-Butylbenzene
Concen: 0.485 ppbv
RT: 12.293 min Scan# 3771
Delta R.T. -0.003 min
Lab File: VL041722.D
Acq: 11 Dec 2024 15:46

Tgt Ion: 91 Resp: 88335
Ion Ratio Lower Upper
91 100
92 57.0 46.7 70.1
134 30.1 26.2 39.4





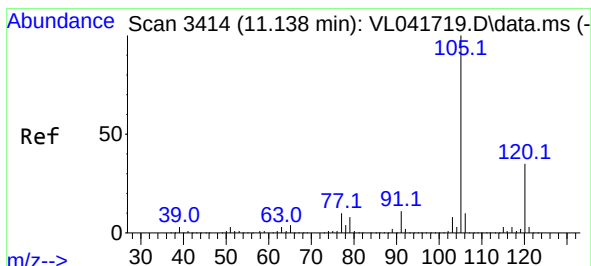
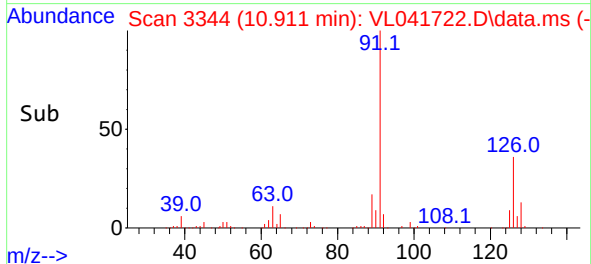
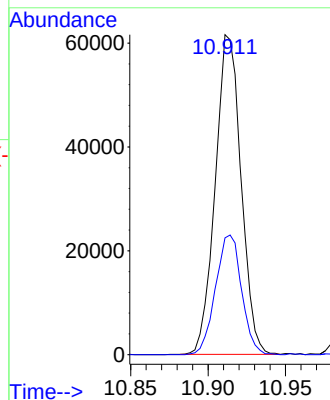
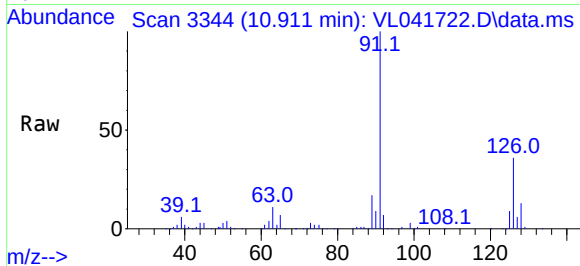
#71
2-Chlorotoluene
Concen: 0.505 ppbv
RT: 10.911 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL041722.D
Acq: 11 Dec 2024 15:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 91 Resp: 7120
Ion Ratio Lower Upper
91 100
126 38.0 15.9 63.7

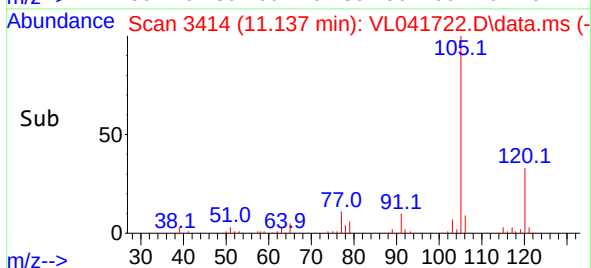
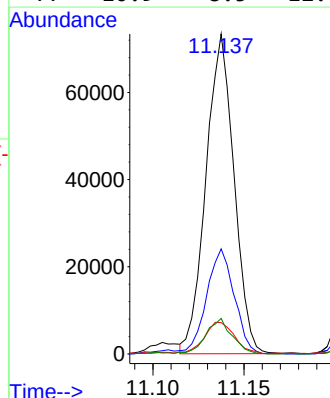
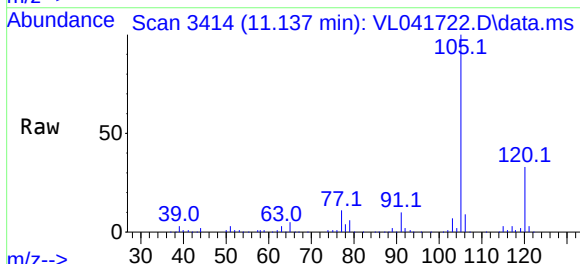
Manual Integrations
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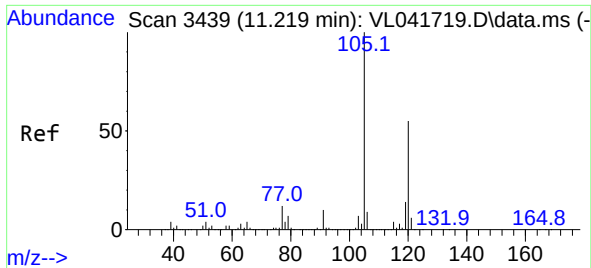
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#72
4-Ethyltoluene
Concen: 0.485 ppbv
RT: 11.137 min Scan# 3414
Delta R.T. -0.000 min
Lab File: VL041722.D
Acq: 11 Dec 2024 15:46

Tgt Ion:105 Resp: 78648
Ion Ratio Lower Upper
105 100
120 33.6 28.0 42.0
91 11.2 8.8 13.2
77 10.9 8.5 12.7





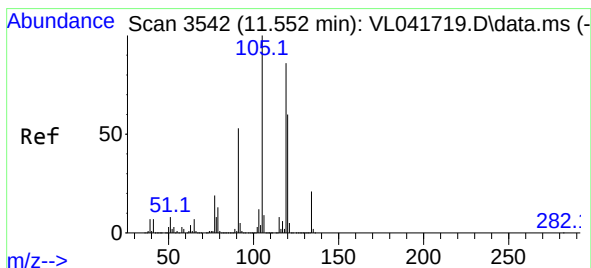
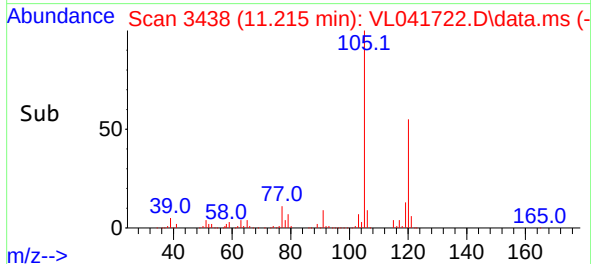
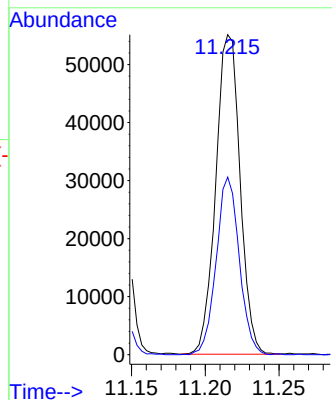
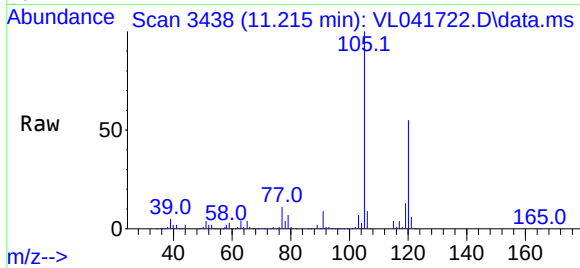
#73
1,3,5-Trimethylbenzene
Concen: 0.481 ppbv
RT: 11.215 min Scan# 3438
Delta R.T. -0.003 min
Lab File: VL041722.D
Acq: 11 Dec 2024 15:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:105 Resp: 6318
Ion Ratio Lower Upper
105 100
120 55.6 43.6 65.4

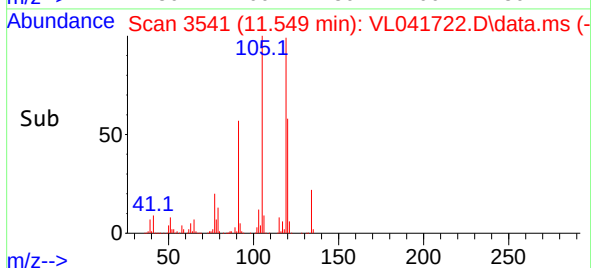
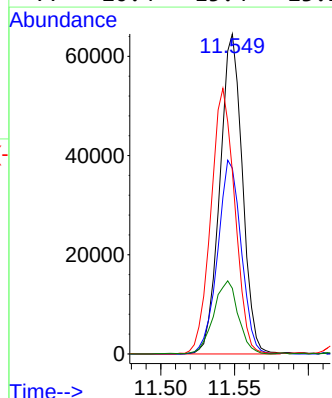
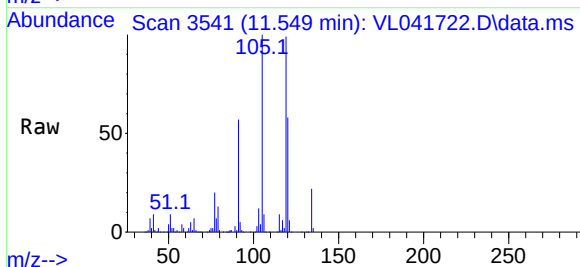
Manual Integrations
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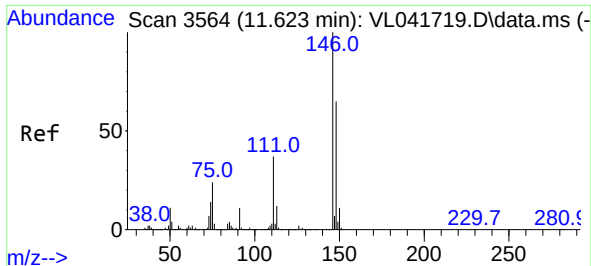
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#74
1,2,4-Trimethylbenzene
Concen: 0.480 ppbv
RT: 11.549 min Scan# 3541
Delta R.T. -0.003 min
Lab File: VL041722.D
Acq: 11 Dec 2024 15:46

Tgt Ion:105 Resp: 68504
Ion Ratio Lower Upper
105 100
120 58.0 47.8 71.6
91 56.9 42.5 63.7
77 20.4 15.4 23.2





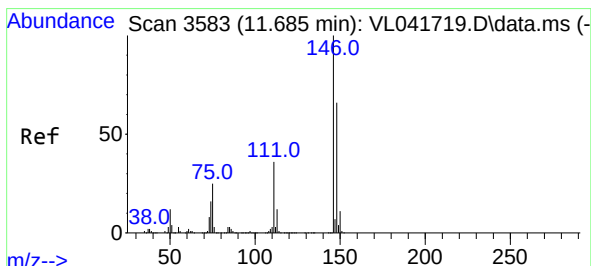
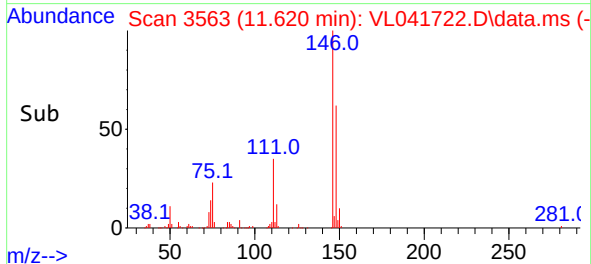
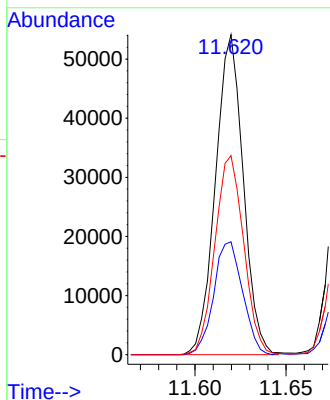
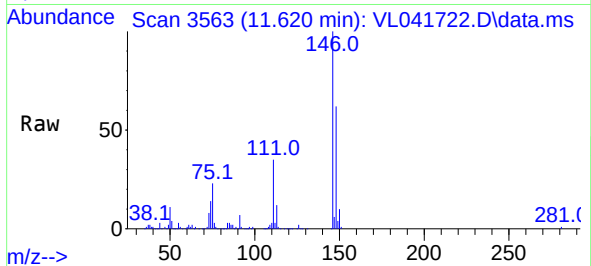
#75
1,3-Dichlorobenzene
Concen: 0.503 ppbv
RT: 11.620 min Scan# 3564
Delta R.T. -0.003 min
Lab File: VL041722.D
Acq: 11 Dec 2024 15:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion:146 Resp: 5743
Ion Ratio Lower Upper
146 100
111 36.6 18.4 55.2
148 64.4 32.4 97.2

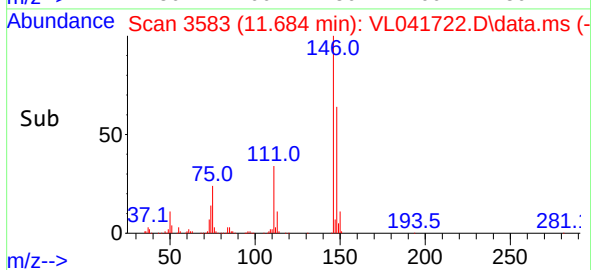
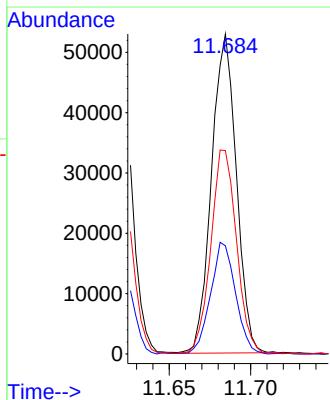
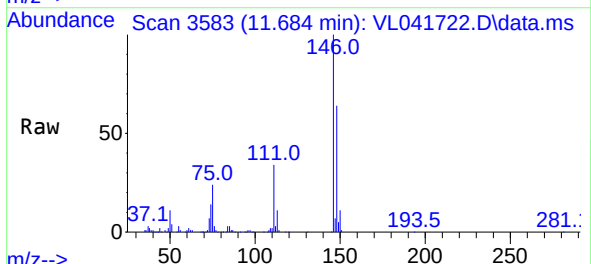
Manual Integrations
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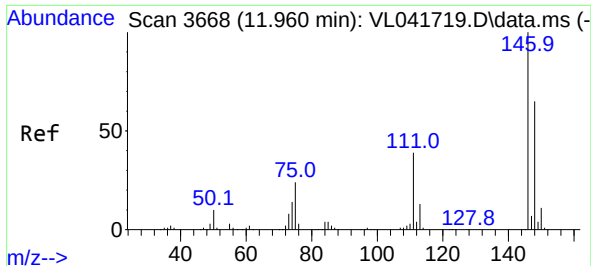
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#76
1,4-Dichlorobenzene
Concen: 0.497 ppbv
RT: 11.684 min Scan# 3583
Delta R.T. -0.000 min
Lab File: VL041722.D
Acq: 11 Dec 2024 15:46

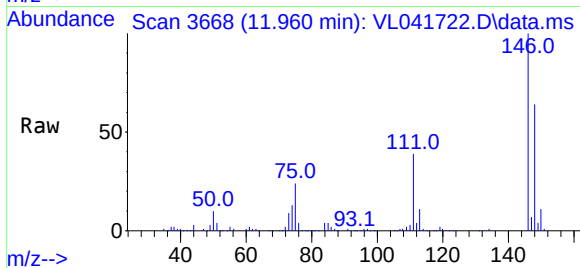
Tgt Ion:146 Resp: 55997
Ion Ratio Lower Upper
146 100
111 35.4 17.8 53.4
148 66.6 32.4 97.2





#77
1,2-Dichlorobenzene
Concen: 0.512 ppbv
RT: 11.960 min Scan# 3668
Delta R.T. -0.000 min
Lab File: VL041722.D
Acq: 11 Dec 2024 15:46

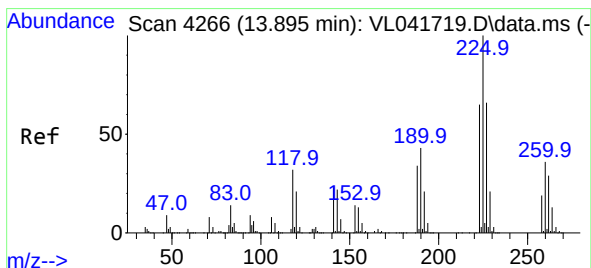
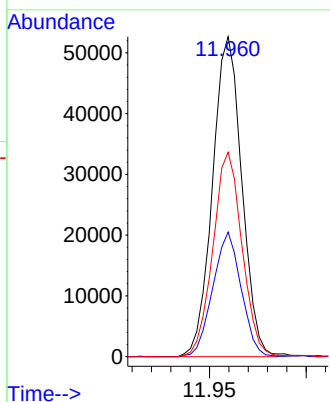
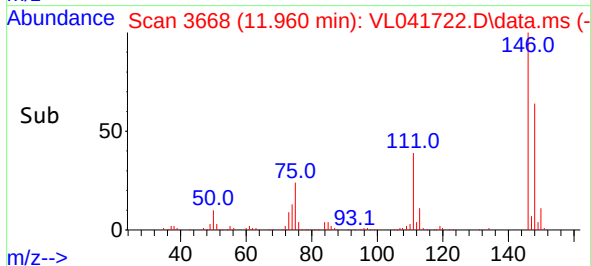
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



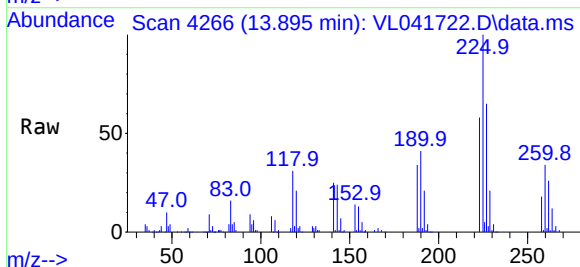
Tgt Ion:146 Resp: 5527
Ion Ratio Lower Upper
146 100
111 38.0 19.2 57.6
148 63.8 32.4 97.2

Manual Integrations
APPROVED

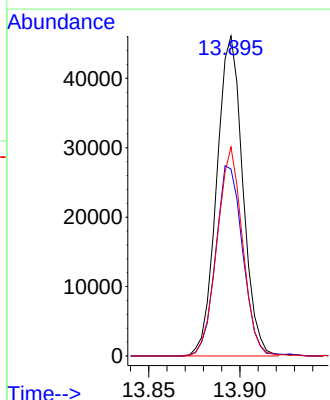
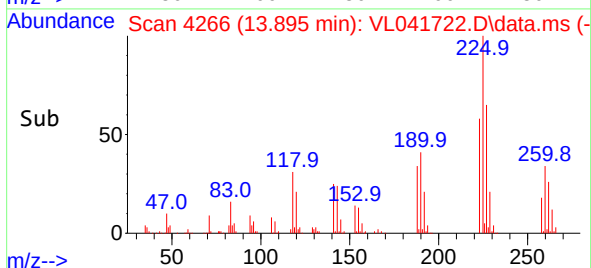
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

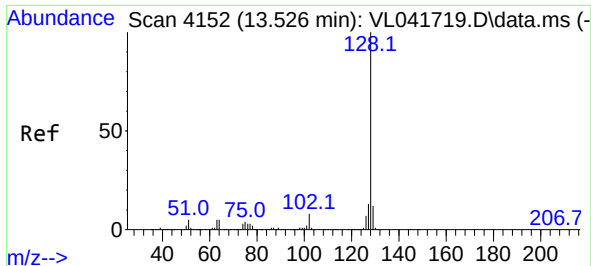


#78
Hexachloro-1,3-Butadiene
Concen: 0.516 ppbv
RT: 13.895 min Scan# 4266
Delta R.T. -0.000 min
Lab File: VL041722.D
Acq: 11 Dec 2024 15:46



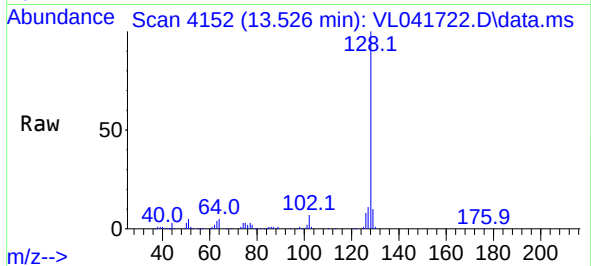
Tgt Ion:225 Resp: 45851
Ion Ratio Lower Upper
225 100
223 61.8 51.1 76.7
227 64.0 51.8 77.6





#79
Naphthalene
Concen: 0.457 ppbv
RT: 13.526 min Scan# 4152
Delta R.T. -0.000 min
Lab File: VL041722.D
Acq: 11 Dec 2024 15:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

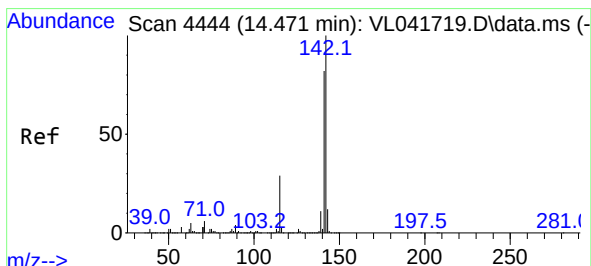
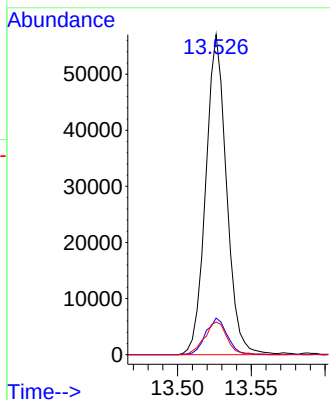
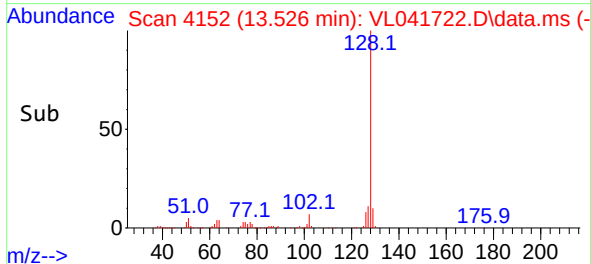


Tgt Ion:128 Resp: 55800

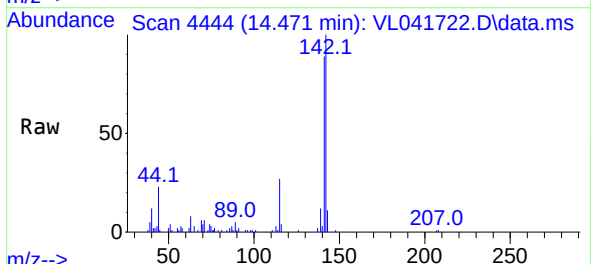
Ion	Ratio	Lower	Upper
128	100		
127	11.5	10.2	15.2
129	10.2	9.4	14.0

Manual Integrations
APPROVED

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

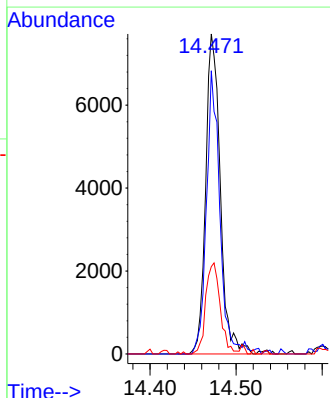
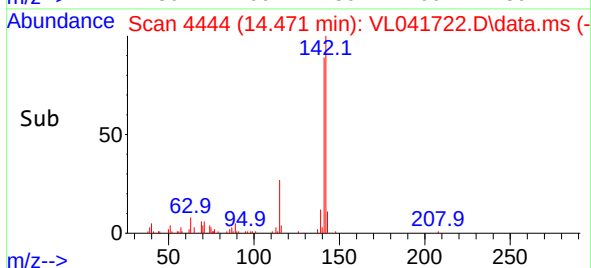


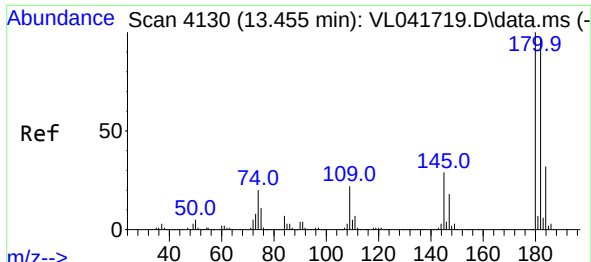
#80
Naphthalene,2-methyl-
Concen: 0.207 ppbv
RT: 14.471 min Scan# 4444
Delta R.T. -0.000 min
Lab File: VL041722.D
Acq: 11 Dec 2024 15:46



Tgt Ion:142 Resp: 9136

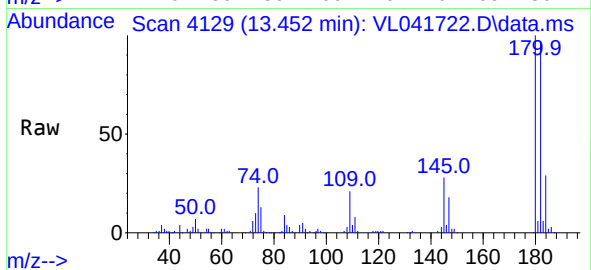
Ion	Ratio	Lower	Upper
142	100		
141	82.1	66.0	99.0
115	29.7	22.8	34.2





#81
1,2,4-Trichlorobenzene
Concen: 0.473 ppbv
RT: 13.452 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL041722.D
Acq: 11 Dec 2024 15:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



Tgt Ion:180 Resp: 3636
Ion Ratio Lower Upper
180 100
182 96.6 77.2 115.8
184 30.2 25.2 37.8

Manual Integrations
APPROVED

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

