

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041725\
 Data File : VL042350.D
 Acq On : 17 Apr 2025 10:17
 Operator : SY/MD
 Sample : VSTDICC002
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC002

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 04/18/2025
 Supervised By : Mahesh Dadoda 04/18/2025

Quant Time: Apr 18 01:26:23 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041725AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2025

QLast Update : Fri Apr 18 01:24:29 2025

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.787	49	123206	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.959	114	355918	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.881	117	335603	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 10.377 95 275715 9.998 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 100.000%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.499	85	45008	2.068	ppbv	95
3) Chlorodifluoromethane	1.476	51	41853	2.019	ppbv	97
4) Chloromethane	1.534	50	17272	2.005	ppbv	93
5) Vinyl Chloride	1.580	62	16979	1.811	ppbv	92
6) Bromomethane	1.667	94	7398	1.821	ppbv #	80
7) Chloroethane	1.706	64	6889	2.031	ppbv	98
8) Dichlorotetrafluoroethane	1.554	85	38955	2.084	ppbv	98
9) Propene	1.483	41	18671	1.978	ppbv	97
10) Heptane	4.978	43	54438m	2.143	ppbv	
11) Trichlorofluoromethane	1.877	101	43035	2.079	ppbv	99
12) 1,1,2-Trichlorotrifluo...	2.140	101	35415	2.092	ppbv	100
13) Ethanol	1.722	45	3034m	3.933	ppbv	
14) Bromoethene	1.780	108	13049	2.045	ppbv #	92
15) Acetone	1.835	43	42949	2.129	ppbv	93
16) 1,3-Butadiene	1.609	39	18110	1.912	ppbv	96
17) tert-Butyl alcohol	2.042	59	51829	2.074	ppbv #	94
18) 1,1-Dichloroethene	2.036	96	15690	1.928	ppbv	87
19) Isopropyl Alcohol	1.887	45	22106	1.973	ppbv #	38
20) Methylene Chloride	2.062	84	14329	1.814	ppbv #	82
21) Allyl Chloride	2.098	41	27340	1.963	ppbv	95
22) trans-1,2-Dichloroethene	2.340	96	18142	2.015	ppbv	97
23) Vinyl Acetate	2.463	43	18454	2.260	ppbv #	91
24) 1,1-Dichloroethane	2.411	63	34077	1.993	ppbv	96
25) Ethyl Acetate	2.835	43	101467	2.040	ppbv	99
26) Hexane	2.826	57	40046	1.990	ppbv	99
27) Carbon Disulfide	2.149	76	43975	2.041	ppbv #	64
28) Methyl tert-Butyl Ether	2.441	73	27905	2.116	ppbv	97
29) Chloroform	2.848	83	58946	2.072	ppbv	100
30) Cyclohexane	3.858	84	33195	2.048	ppbv	94
31) cis-1,2-Dichloroethene	2.722	61	39249	2.051	ppbv	98
32) 1,1,1-Trichloroethane	3.366	97	61442	2.014	ppbv	99
34) 2-Butanone	2.560	43	58249	2.069	ppbv	100
35) Carbon Tetrachloride	3.761	117	60291	1.872	ppbv	88
36) Benzene	3.658	78	79814	2.079	ppbv	98
37) 1,2-Dichloroethane	3.217	62	47398	2.057	ppbv	100
38) Trichloroethene	4.544	130	31826m	1.891	ppbv	
39) 1,2-Dichloropropane	4.315	63	28806	2.012	ppbv	96
40) 1,4-Dioxane	4.593	88	16536m	2.133	ppbv	
41) Tetrahydrofuran	3.059	42	33298	2.047	ppbv	98
42) Bromodichloromethane	4.489	83	64941	2.025	ppbv	97
43) Methyl Methacrylate	4.881	69	35256	2.046	ppbv	97
44) 2,2,4-Trimethylpentane	4.645	57	139641	2.103	ppbv	99
45) t-1,3-Dichloropropene	6.415	75	36265	2.050	ppbv	94

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041725\
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 Sample : VSTDICC002
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Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC002

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 04/18/2025
 Supervised By :Mahesh Dadoda 04/18/2025

Quant Time: Apr 18 01:26:23 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041725AIR.M

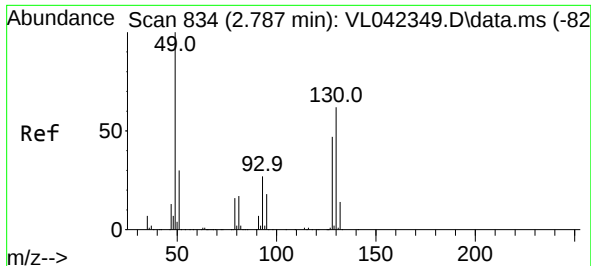
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Fri Apr 18 01:24:29 2025

Response via : Initial Calibration

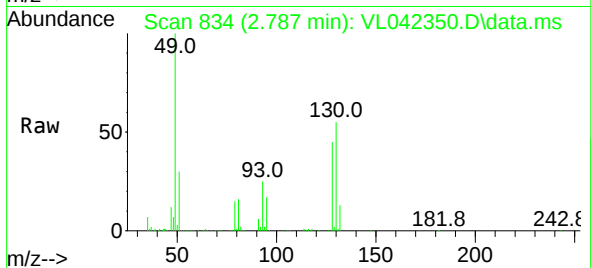
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.600	75	45327m	2.096	ppbv	
47) 1,1,2-Trichloroethane	6.590	97	29879	2.049	ppbv	88
48) Dibromochloromethane	7.389	129	53069	2.061	ppbv	100
49) Bromoform	9.483	173	48069	2.135	ppbv	97
50) 4-Methyl-2-Pentanone	5.758	43	102182	2.180	ppbv	99
51) 2-Hexanone	7.441	43	100443	2.375	ppbv	98
52) Tetrachloroethene	8.228	164	27854	1.877	ppbv	96
53) Toluene	6.933	91	97493	2.116	ppbv	98
54) 1,2-Dibromoethane	7.655	107	43153	2.076	ppbv	87
56) 1,1,1,2-Tetrachloroethane	8.924	131	42601	2.097	ppbv	95
57) Chlorobenzene	8.924	112	71685	2.054	ppbv	98
58) Ethyl Benzene	9.357	91	138810	2.088	ppbv	98
59) m/p-Xylene	9.532	91	222542m	4.142	ppbv	
60) o-Xylene	9.963	91	111972	2.076	ppbv	98
61) Styrene	9.872	104	54229	2.106	ppbv	98
62) Isopropylbenzene	10.539	105	163716	2.067	ppbv	100
63) 1,1,2,2-Tetrachloroethane	9.963	83	64952	1.853	ppbv	99
64) n-propylbenzene	10.989	120	40956	2.058	ppbv	96
65) tert-Butylbenzene	11.532	119	155401	2.135	ppbv	92
66) Benzyl Chloride	11.616	91	17300	2.163	ppbv	98
67) sec-Butylbenzene	11.769	105	218327	2.156	ppbv	100
69) p-Isopropyltoluene	11.927	119	188657	2.145	ppbv	99
70) n-Butylbenzene	12.283	91	198221	2.164	ppbv	99
71) 2-Chlorotoluene	10.901	91	128858	2.075	ppbv	98
72) 4-Ethyltoluene	11.124	105	137872	2.091	ppbv	97
73) 1,3,5-Trimethylbenzene	11.205	105	123580	2.123	ppbv	98
74) 1,2,4-Trimethylbenzene	11.539	105	145510	2.140	ppbv	92
75) 1,3-Dichlorobenzene	11.607	146	75082	2.124	ppbv	98
76) 1,4-Dichlorobenzene	11.671	146	75323	2.120	ppbv	99
77) 1,2-Dichlorobenzene	11.947	146	74786	2.176	ppbv	98
78) Hexachloro-1,3-Butadiene	13.882	225	76158	2.194	ppbv	100
79) Naphthalene	13.513	128	195233	2.401	ppbv	99
80) Naphthalene,2-methyl-	14.458	142	119262	2.574	ppbv	99
81) 1,2,4-Trichlorobenzene	13.442	180	82156	2.353	ppbv	99

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.787 min Scan# 834
Delta R.T. -0.000 min
Lab File: VL042350.D
Acq: 17 Apr 2025 10:17

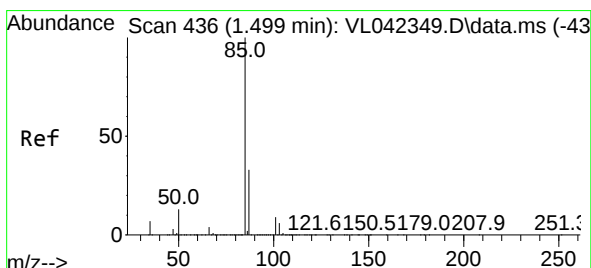
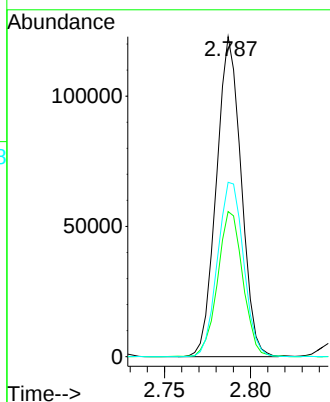
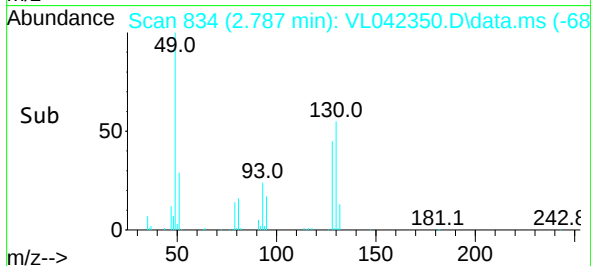
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



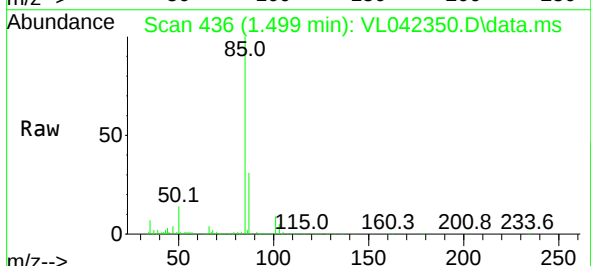
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Ion Ratio Lower Upper
49 100
128 46.2 22.8 68.4
130 57.3 29.3 88.0

Manual Integrations
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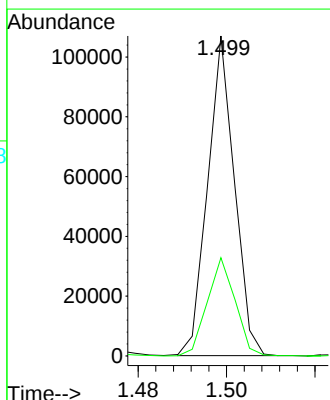
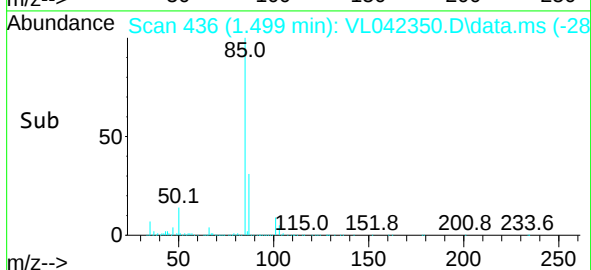
Reviewed By :Semsettin Yesilyurt 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025

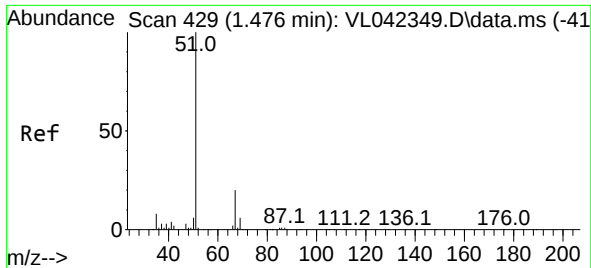


#2
Dichlorodifluoromethane
Concen: 2.068 ppbv
RT: 1.499 min Scan# 436
Delta R.T. -0.000 min
Lab File: VL042350.D
Acq: 17 Apr 2025 10:17



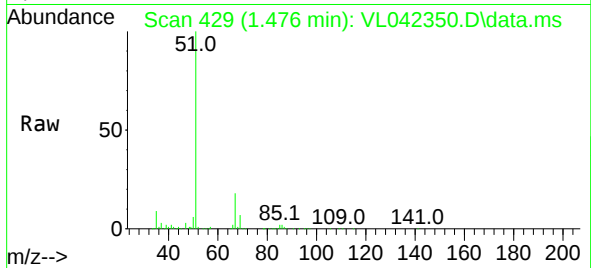
Tgt Ion: 85 Resp: 45008
Ion Ratio Lower Upper
85 100
87 30.6 26.6 39.8





#3
Chlorodifluoromethane
Concen: 2.019 ppbv
RT: 1.476 min Scan# 41
Delta R.T. -0.000 min
Lab File: VL042350.D
Acq: 17 Apr 2025 10:17

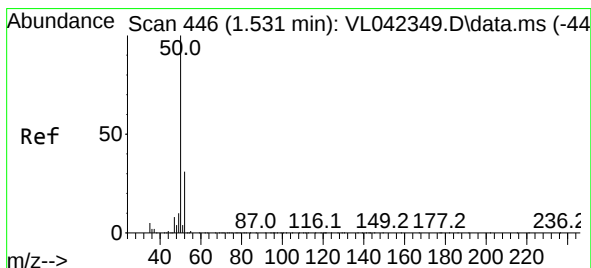
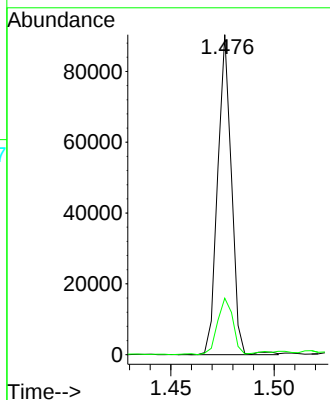
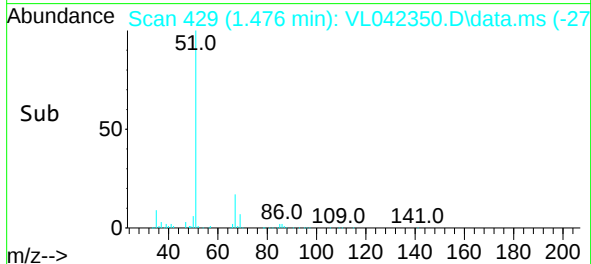
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



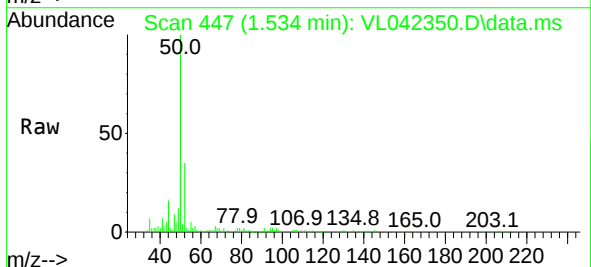
Tgt Ion: 51 Resp: 4185
Ion Ratio Lower Upper
51 100
67 21.7 16.2 24.4

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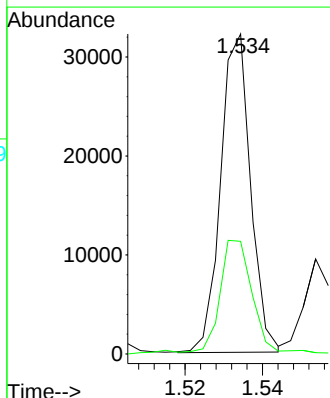
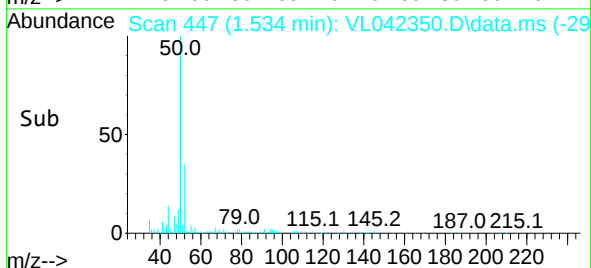
Reviewed By :Semsettin Yesilyurt 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025

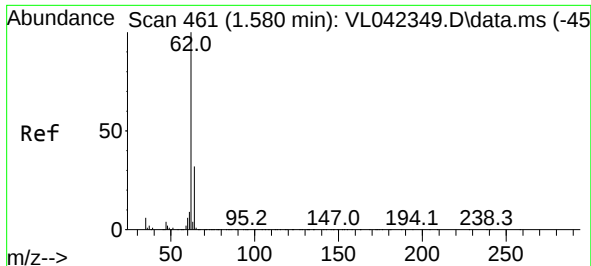


#4
Chloromethane
Concen: 2.005 ppbv
RT: 1.534 min Scan# 447
Delta R.T. 0.003 min
Lab File: VL042350.D
Acq: 17 Apr 2025 10:17



Tgt Ion: 50 Resp: 17272
Ion Ratio Lower Upper
50 100
52 34.9 24.7 37.1





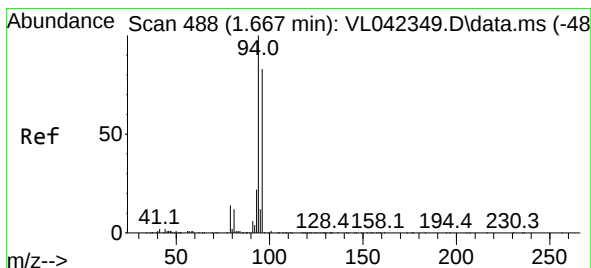
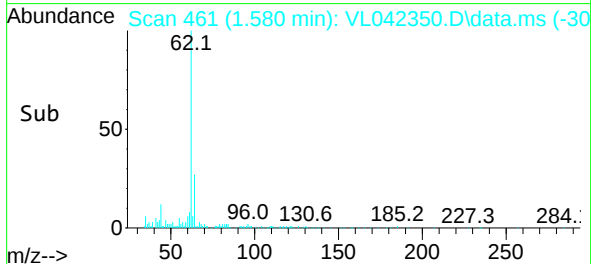
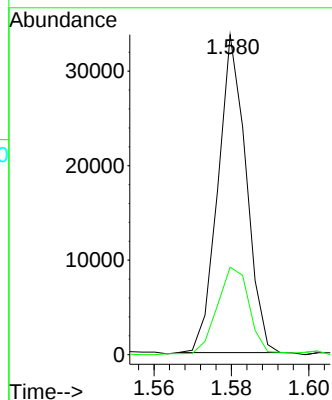
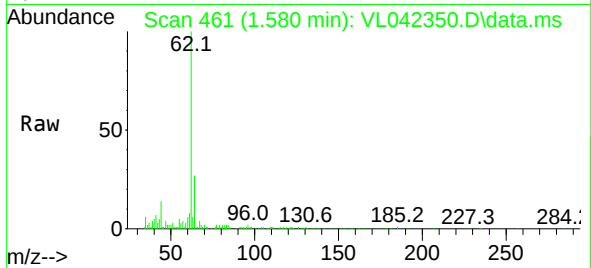
#5
 Vinyl Chloride
 Concen: 1.811 ppbv
 RT: 1.580 min Scan# 461
 Delta R.T. -0.000 min
 Lab File: VL042350.D
 Acq: 17 Apr 2025 10:17

Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC002

Tgt Ion: 62 Resp: 16979
 Ion Ratio Lower Upper
 62 100
 64 27.2 25.4 38.0

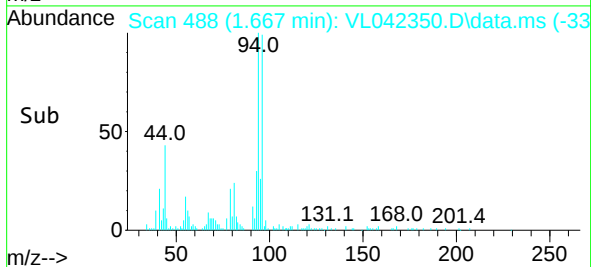
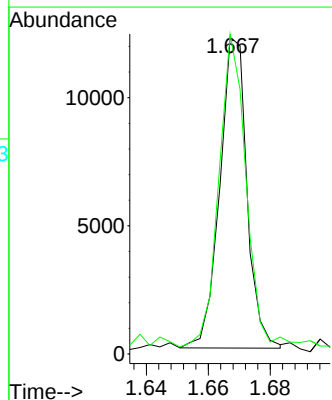
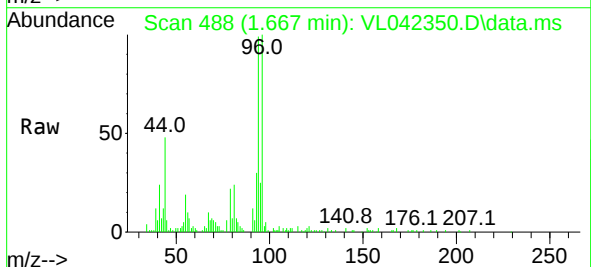
Manual Integrations
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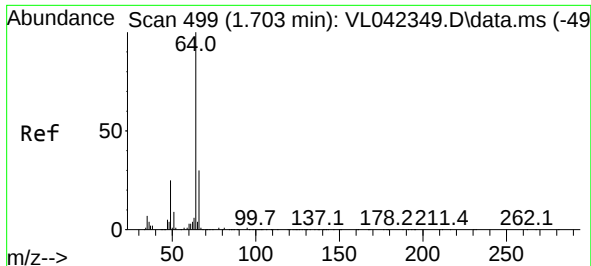
Reviewed By :Semsettin Yesilyurt 04/18/2025
 Supervised By :Mahesh Dadoda 04/18/2025



#6
 Bromomethane
 Concen: 1.821 ppbv
 RT: 1.667 min Scan# 488
 Delta R.T. -0.000 min
 Lab File: VL042350.D
 Acq: 17 Apr 2025 10:17

Tgt Ion: 94 Resp: 7398
 Ion Ratio Lower Upper
 94 100
 96 100.8 66.2 99.2#





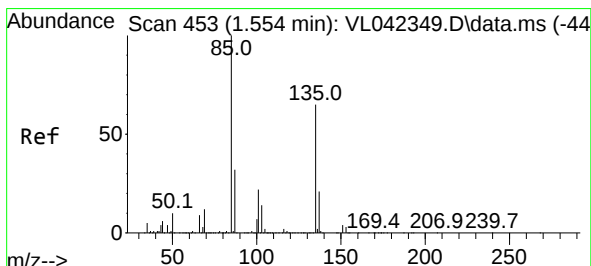
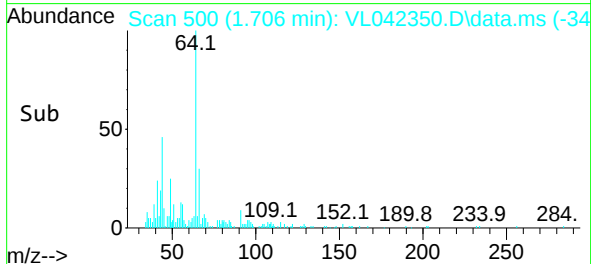
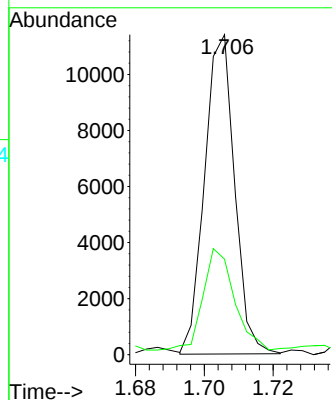
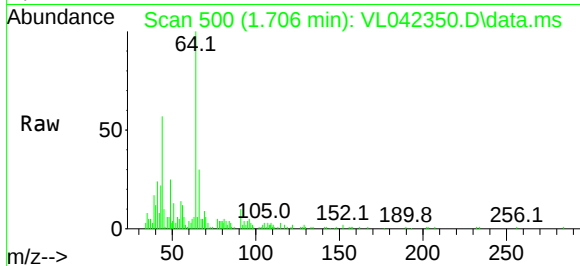
#7
Chloroethane
Concen: 2.031 ppbv
RT: 1.706 min Scan# 500
Delta R.T. 0.003 min
Lab File: VL042350.D
Acq: 17 Apr 2025 10:17

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

Tgt Ion: 64 Resp: 6889
Ion Ratio Lower Upper
64 100
66 29.8 24.6 37.0

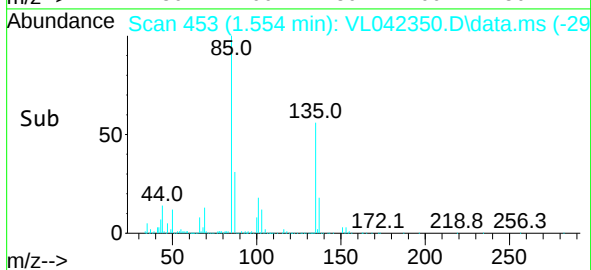
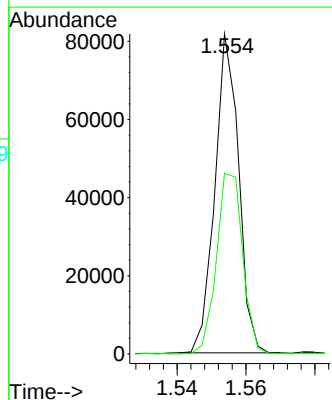
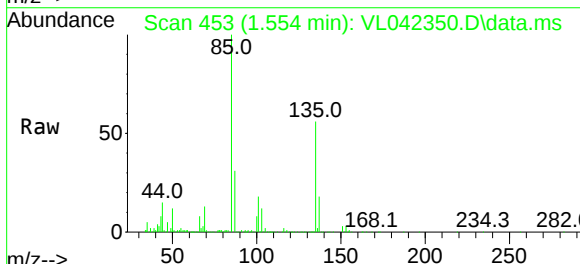
Manual Integrations
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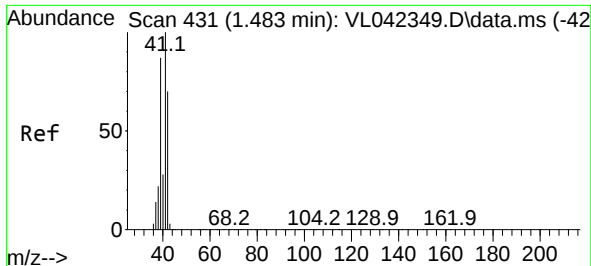
Reviewed By :Semsettin Yesilyurt 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#8
Dichlorotetrafluoroethane
Concen: 2.084 ppbv
RT: 1.554 min Scan# 453
Delta R.T. -0.000 min
Lab File: VL042350.D
Acq: 17 Apr 2025 10:17

Tgt Ion: 85 Resp: 38955
Ion Ratio Lower Upper
85 100
135 63.3 52.2 78.2





#9

Propene

Concen: 1.978 ppbv

RT: 1.483 min Scan# 41

Delta R.T. -0.000 min

Lab File: VL042350.D

Acq: 17 Apr 2025 10:17

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC002

Tgt Ion: 41 Resp: 1867

Ion Ratio Lower Upper

41 100

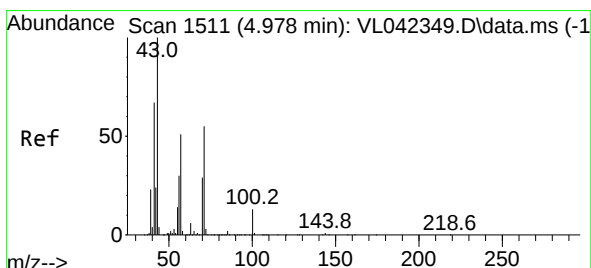
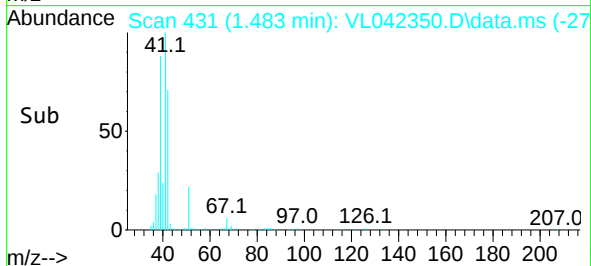
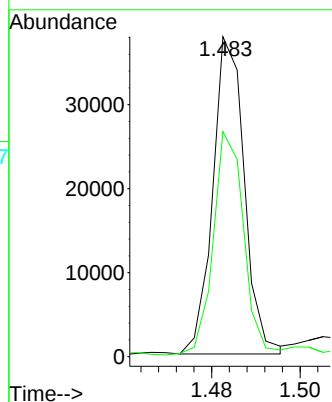
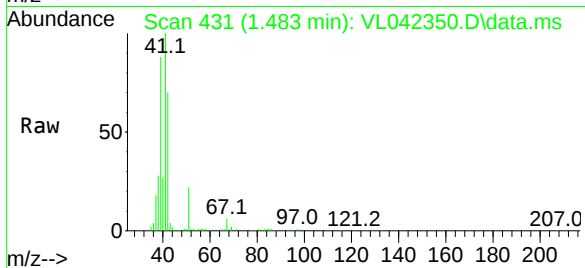
42 72.7 56.2 84.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/18/2025

Supervised By :Mahesh Dadoda 04/18/2025



#10

Heptane

Concen: 2.143 ppbv m

RT: 4.978 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VL042350.D

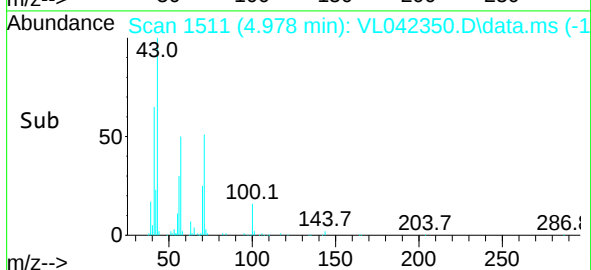
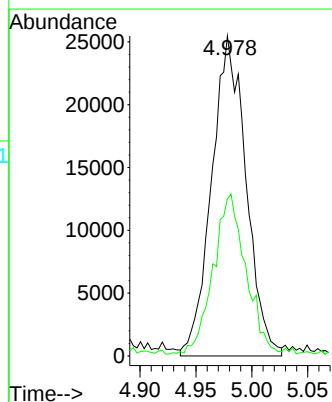
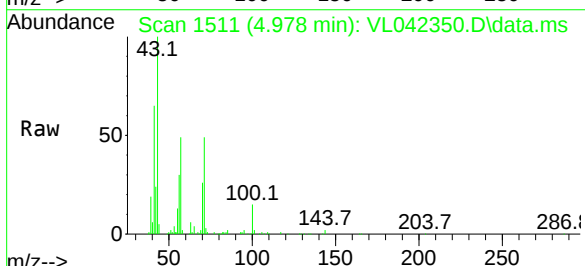
Acq: 17 Apr 2025 10:17

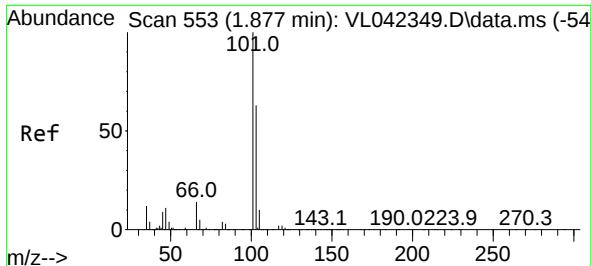
Tgt Ion: 43 Resp: 54438

Ion Ratio Lower Upper

43 100

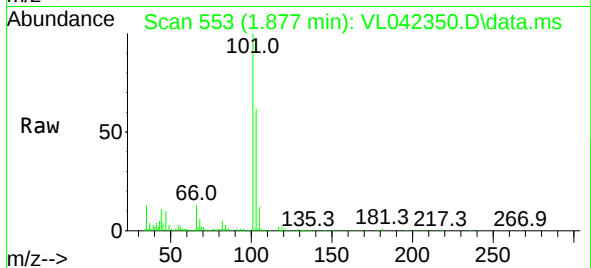
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#11
Trichlorofluoromethane
Concen: 2.079 ppbv
RT: 1.877 min Scan# 553
Delta R.T. -0.000 min
Lab File: VL042350.D
Acq: 17 Apr 2025 10:17

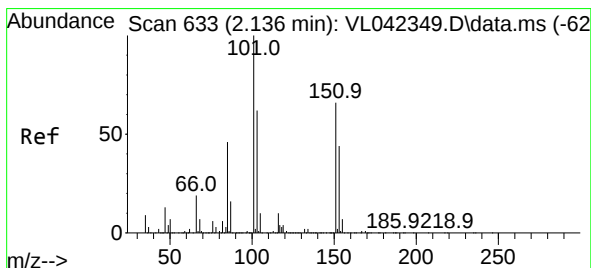
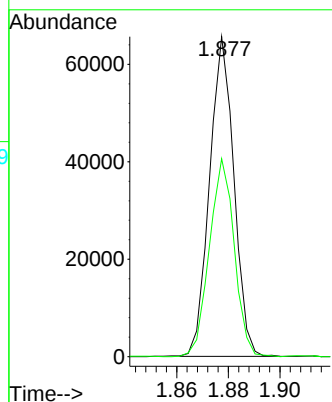
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



Tgt Ion:101 Resp: 43035
Ion Ratio Lower Upper
101 100
103 61.9 50.1 75.1

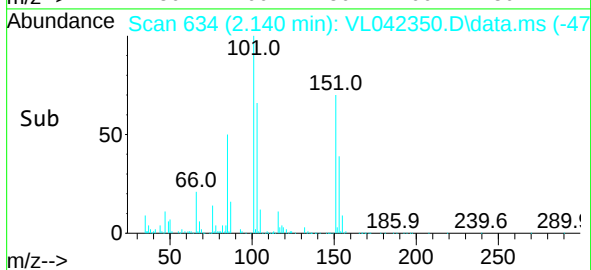
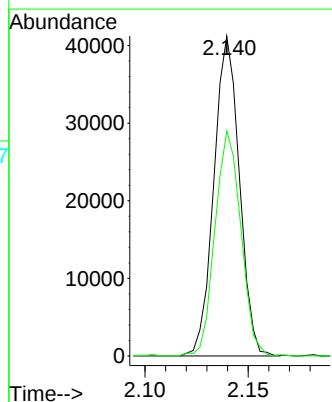
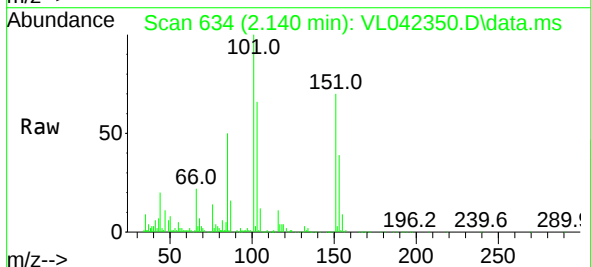
Manual Integrations
APPROVED

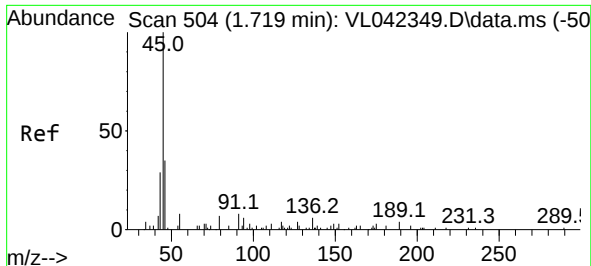
Reviewed By :Semsettin Yesilyurt 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#12
1,1,2-Trichlorotrifluoroethane
Concen: 2.092 ppbv
RT: 2.140 min Scan# 634
Delta R.T. 0.003 min
Lab File: VL042350.D
Acq: 17 Apr 2025 10:17

Tgt Ion:101 Resp: 35415
Ion Ratio Lower Upper
101 100
151 71.5 57.0 85.6





#13

Ethanol

Concen: 3.933 ppbv m

RT: 1.722 min Scan# 504

Delta R.T. 0.003 min

Lab File: VL042350.D

Acq: 17 Apr 2025 10:17

Instrument :

MSVOA_L

ClientSampleId :

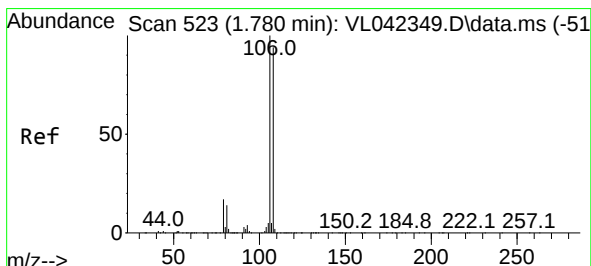
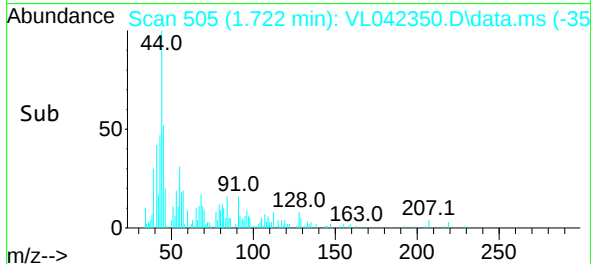
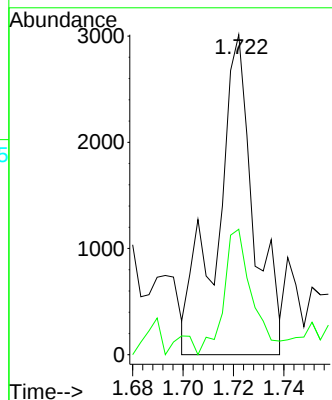
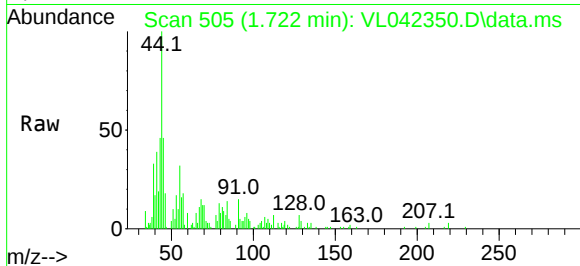
VSTDICC002

Tgt Ion: 45 Resp: 3034
 Ion Ratio Lower Upper
 45 100
 46 39.3 21.9 87.7

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 04/18/2025
 Supervised By :Mahesh Dadoda 04/18/2025



#14

Bromoethene

Concen: 2.045 ppbv

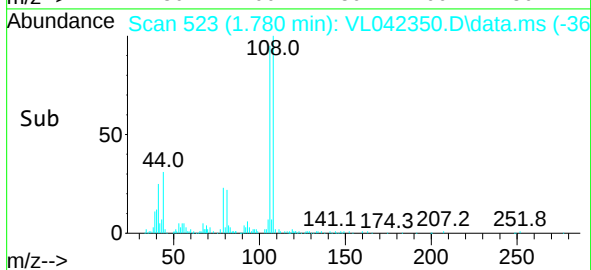
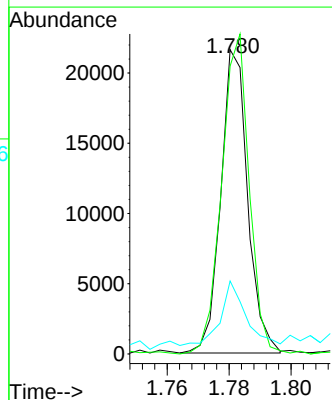
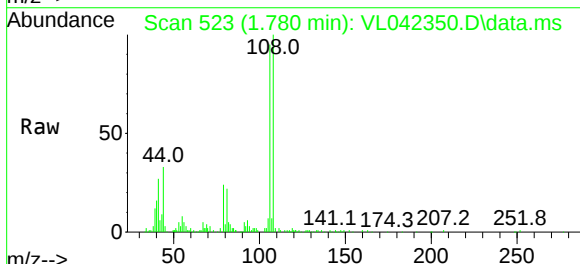
RT: 1.780 min Scan# 523

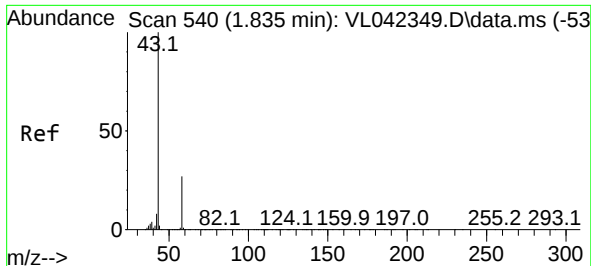
Delta R.T. -0.000 min

Lab File: VL042350.D

Acq: 17 Apr 2025 10:17

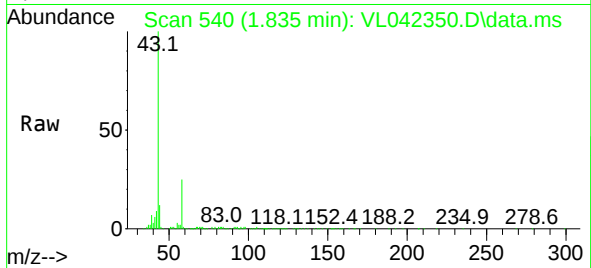
Tgt Ion:108 Resp: 13049
 Ion Ratio Lower Upper
 108 100
 106 110.2 85.9 128.9
 79 34.0 13.9 20.9#





#15
Acetone
Concen: 2.129 ppbv
RT: 1.835 min Scan# 540
Delta R.T. -0.000 min
Lab File: VL042350.D
Acq: 17 Apr 2025 10:17

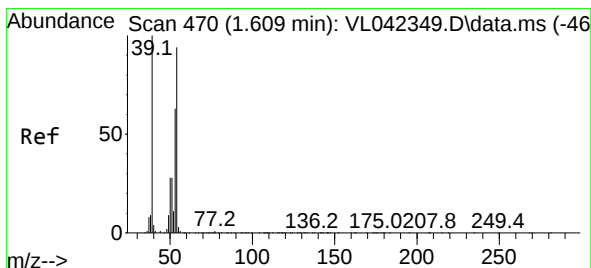
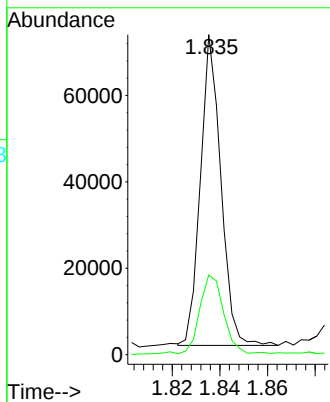
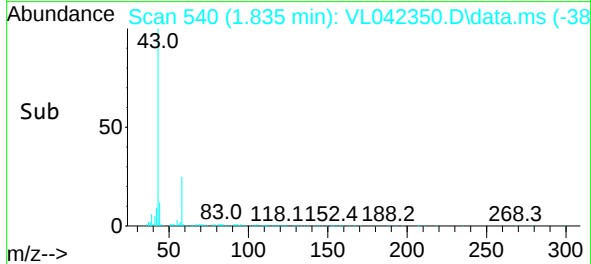
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



Tgt Ion: 43 Resp: 42949
Ion Ratio Lower Upper
43 100
58 31.4 22.4 33.6

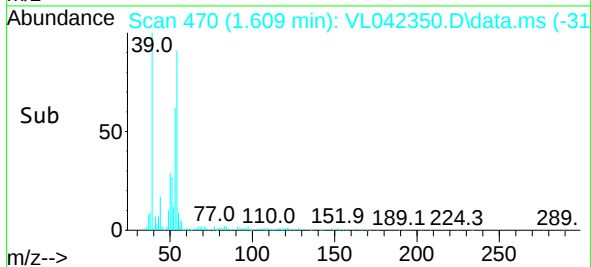
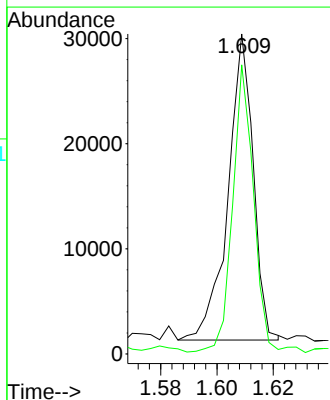
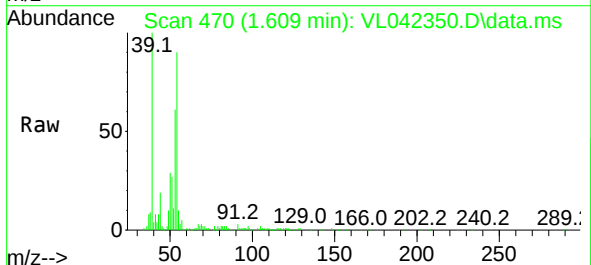
Manual Integrations
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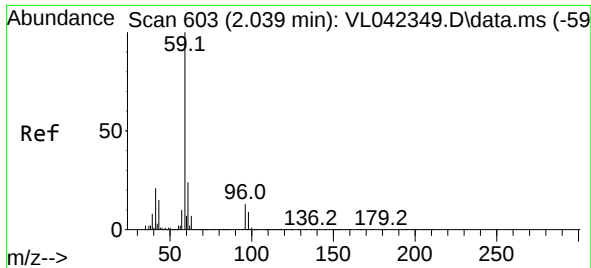
Reviewed By :Semsettin Yesilyurt 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#16
1,3-Butadiene
Concen: 1.912 ppbv
RT: 1.609 min Scan# 470
Delta R.T. -0.000 min
Lab File: VL042350.D
Acq: 17 Apr 2025 10:17

Tgt Ion: 39 Resp: 18110
Ion Ratio Lower Upper
39 100
54 77.2 64.9 97.3





#17

tert-Butyl alcohol

Concen: 2.074 ppbv

RT: 2.042 min Scan# 603

Delta R.T. 0.003 min

Lab File: VL042350.D

Acq: 17 Apr 2025 10:17

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC002

Tgt Ion: 59 Resp: 51829

Ion Ratio Lower Upper

59 100

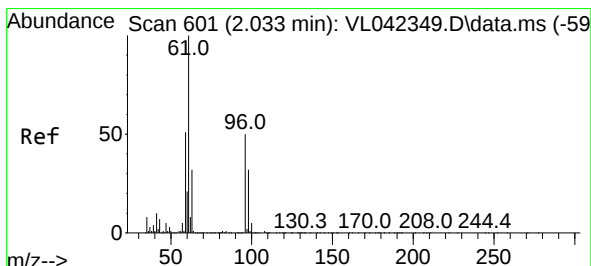
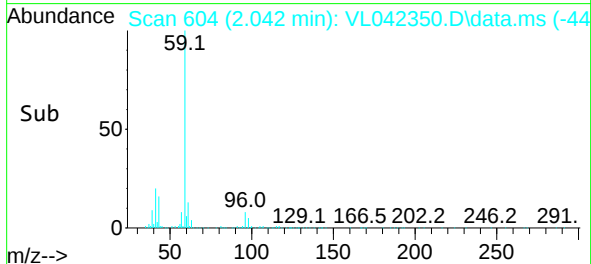
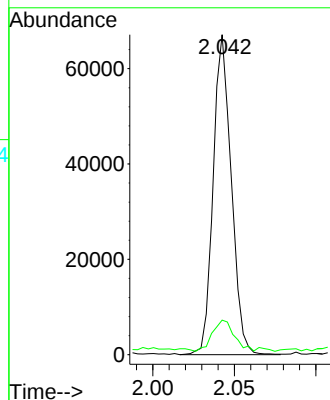
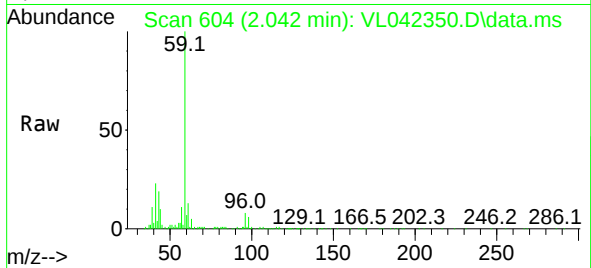
57 13.2 8.7 13.1

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 04/18/2025

Supervised By :Mahesh Dadoda 04/18/2025



#18

1,1-Dichloroethene

Concen: 1.928 ppbv

RT: 2.036 min Scan# 602

Delta R.T. 0.003 min

Lab File: VL042350.D

Acq: 17 Apr 2025 10:17

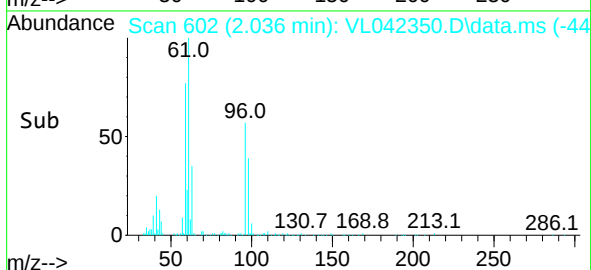
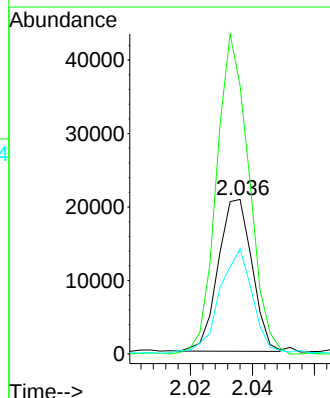
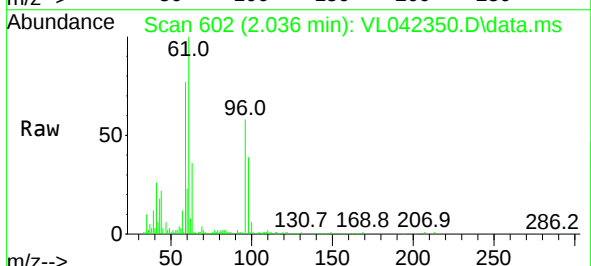
Tgt Ion: 96 Resp: 15690

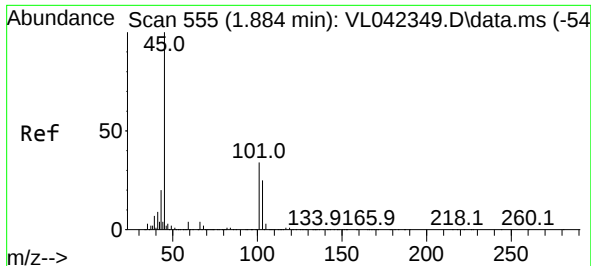
Ion Ratio Lower Upper

96 100

61 176.1 160.2 240.2

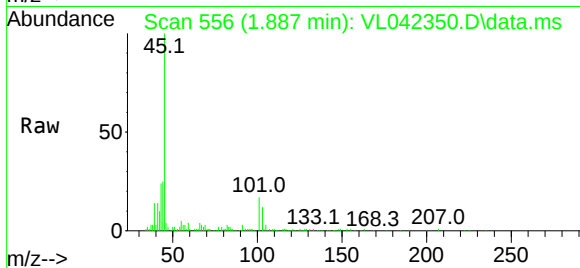
98 67.2 51.0 76.4





#19
Isopropyl Alcohol
Concen: 1.973 ppbv
RT: 1.887 min Scan# 555
Delta R.T. 0.003 min
Lab File: VL042350.D
Acq: 17 Apr 2025 10:17

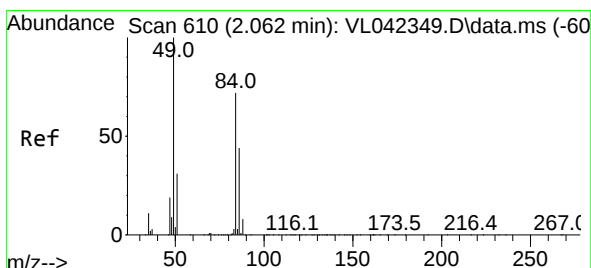
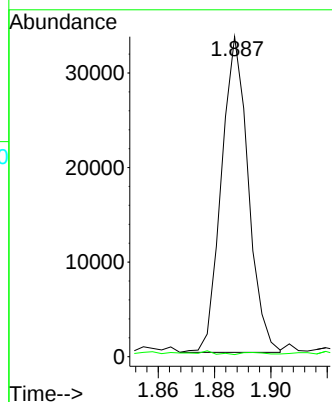
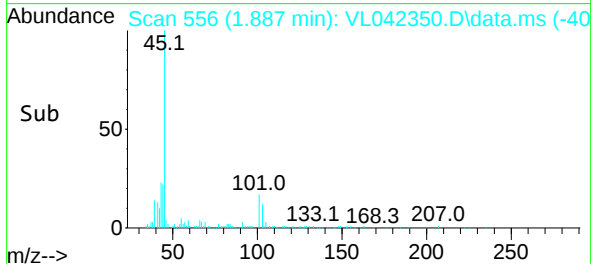
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



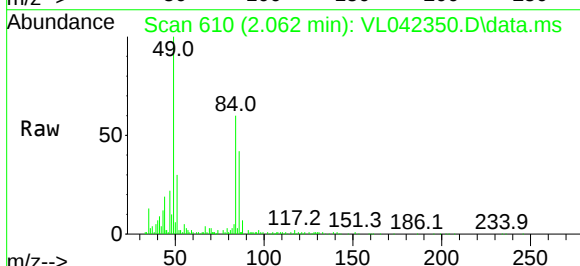
Tgt Ion: 45 Resp: 22100
Ion Ratio Lower Upper
45 100
58 3.6 34.5 51.7

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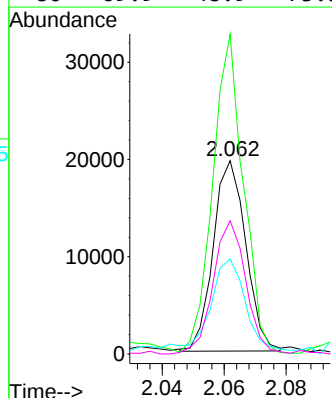
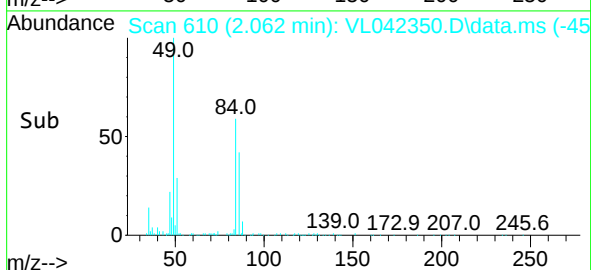
Reviewed By :Semsettin Yesilyurt 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025

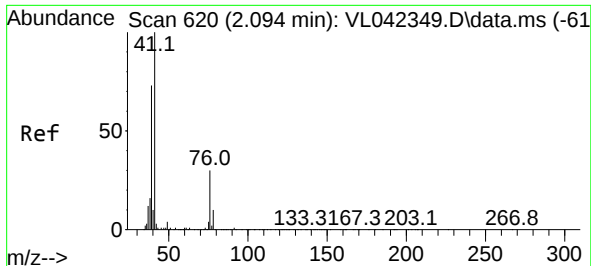


#20
Methylene Chloride
Concen: 1.814 ppbv
RT: 2.062 min Scan# 610
Delta R.T. -0.000 min
Lab File: VL042350.D
Acq: 17 Apr 2025 10:17



Tgt Ion: 84 Resp: 14329
Ion Ratio Lower Upper
84 100
49 169.1 111.6 167.4#
51 47.9 35.1 52.7
86 69.9 48.9 73.3





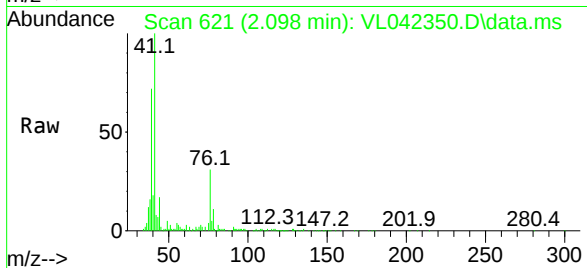
#21
 Allyl Chloride
 Concen: 1.963 ppbv
 RT: 2.098 min Scan# 61
 Delta R.T. 0.003 min
 Lab File: VL042350.D
 Acq: 17 Apr 2025 10:17

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC002

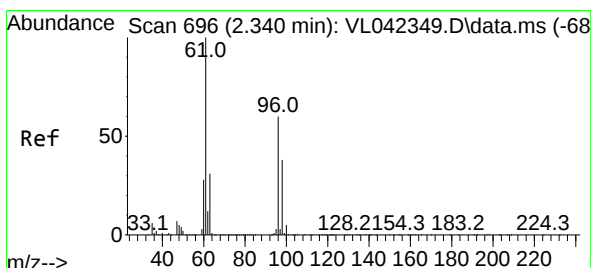
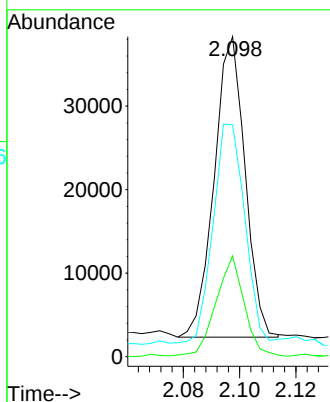
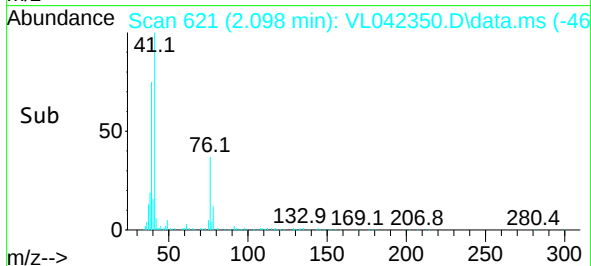


Tgt Ion: 41 Resp: 27340
 Ion Ratio Lower Upper
 41 100
 76 31.9 24.8 37.2
 39 81.2 60.6 90.8

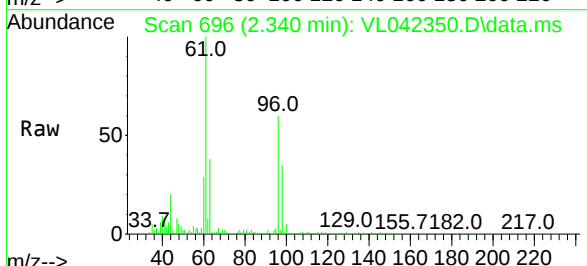
Manual Integrations

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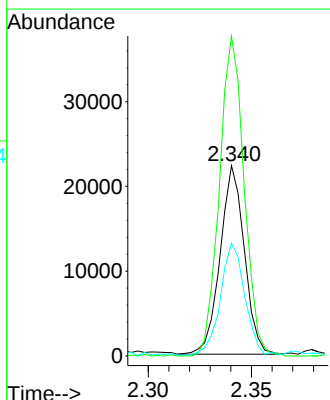
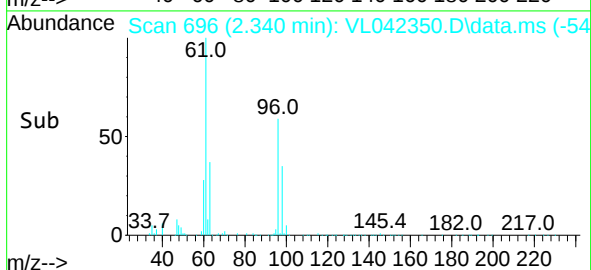
Reviewed By :Semsettin Yesilyurt 04/18/2025
 Supervised By :Mahesh Dadoda 04/18/2025

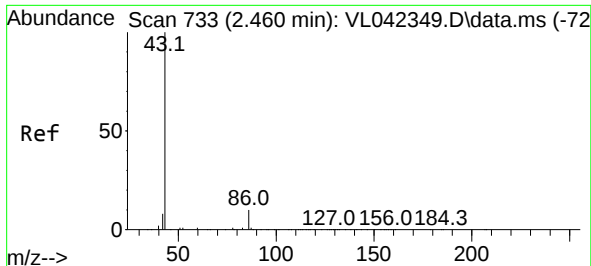


#22
 trans-1,2-Dichloroethene
 Concen: 2.015 ppbv
 RT: 2.340 min Scan# 696
 Delta R.T. -0.000 min
 Lab File: VL042350.D
 Acq: 17 Apr 2025 10:17



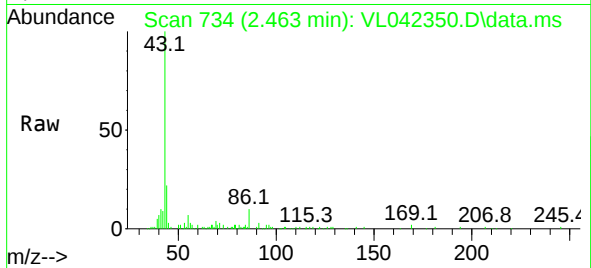
Tgt Ion: 96 Resp: 18142
 Ion Ratio Lower Upper
 96 100
 61 169.6 133.7 200.5
 98 59.3 50.3 75.5





#23
 Vinyl Acetate
 Concen: 2.260 ppbv
 RT: 2.463 min Scan# 718
 Delta R.T. 0.003 min
 Lab File: VL042350.D
 Acq: 17 Apr 2025 10:17

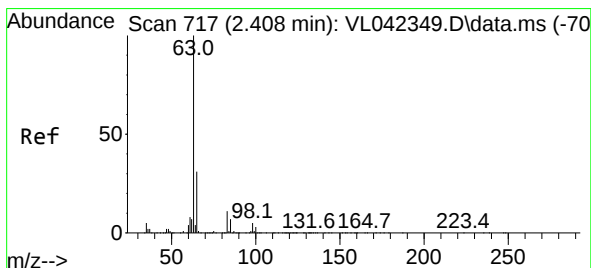
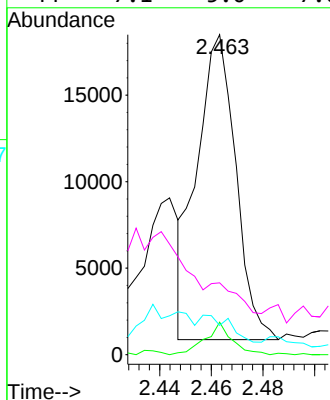
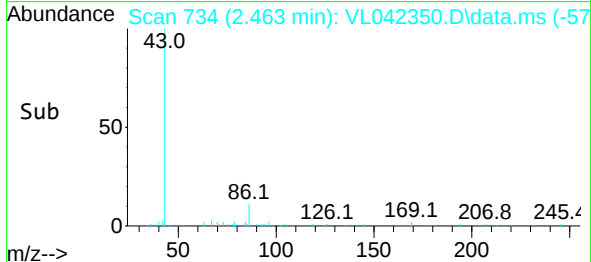
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002



Tgt Ion: 43 Resp: 18454
 Ion Ratio Lower Upper
 43 100
 86 10.2 6.5 9.7
 42 3.7 7.8 11.8
 44 7.1 5.0 7.6

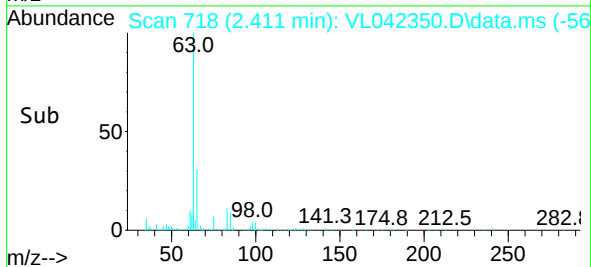
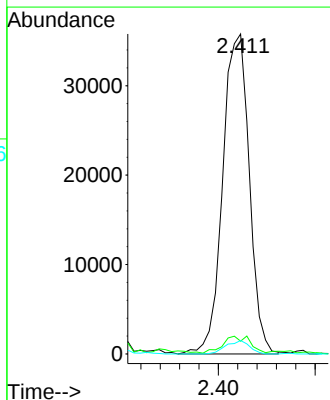
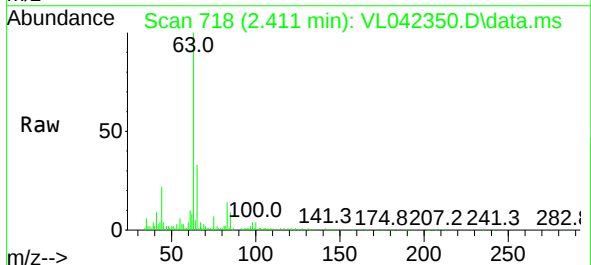
Manual Integrations
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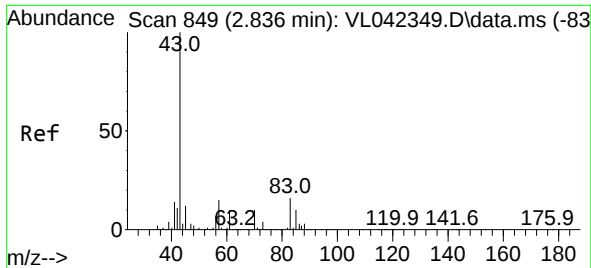
Reviewed By :Semsettin Yesilyurt 04/18/2025
 Supervised By :Mahesh Dadoda 04/18/2025



#24
 1,1-Dichloroethane
 Concen: 1.993 ppbv
 RT: 2.411 min Scan# 718
 Delta R.T. 0.003 min
 Lab File: VL042350.D
 Acq: 17 Apr 2025 10:17

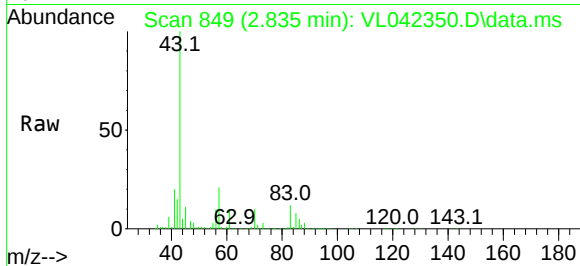
Tgt Ion: 63 Resp: 34077
 Ion Ratio Lower Upper
 63 100
 98 3.1 2.3 6.8
 100 4.2 1.6 4.8





#25
Ethyl Acetate
Concen: 2.040 ppbv
RT: 2.835 min Scan# 849
Delta R.T. -0.000 min
Lab File: VL042350.D
Acq: 17 Apr 2025 10:17

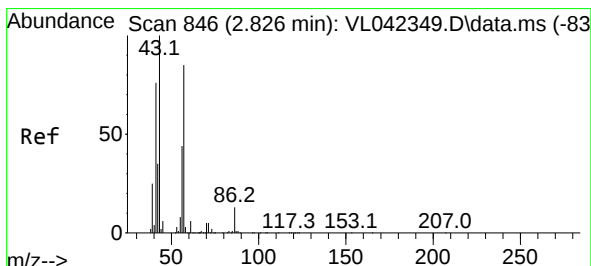
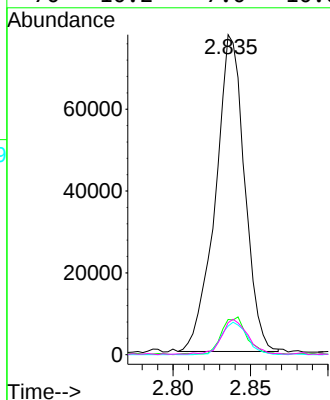
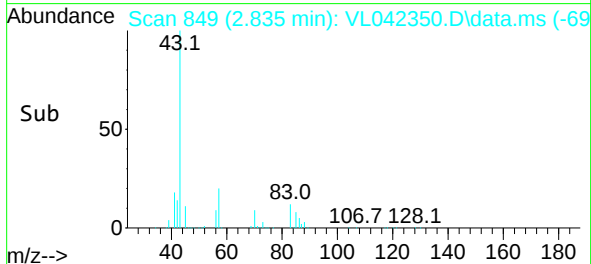
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



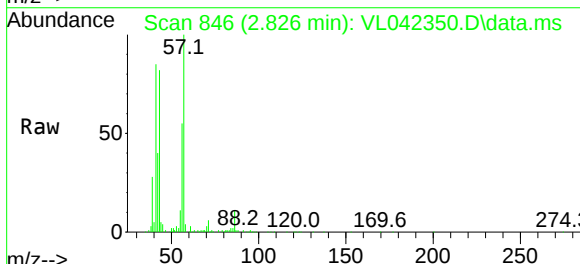
Tgt Ion: 43 Resp: 10146
Ion Ratio Lower Upper
43 100
45 10.4 8.3 12.5
61 9.2 7.3 10.9
70 10.2 7.0 10.6

Manual Integrations
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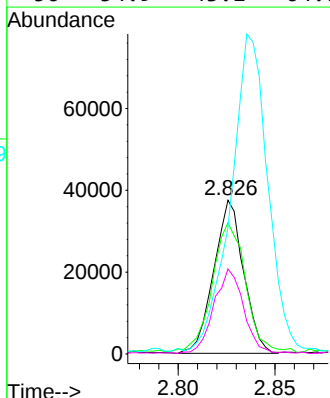
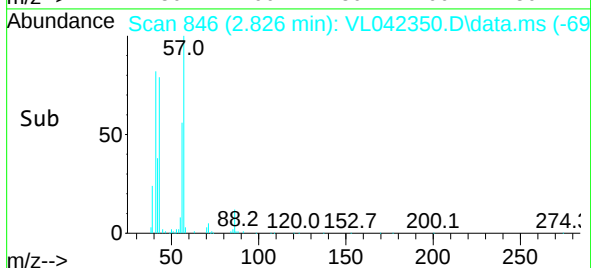
Reviewed By :Semsettin Yesilyurt 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025

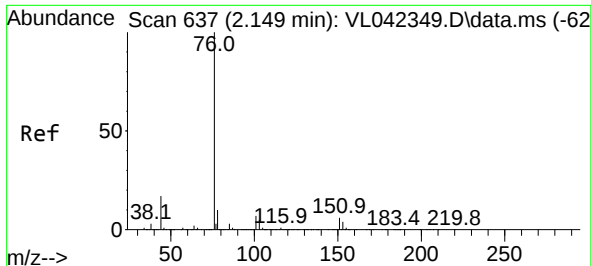


#26
Hexane
Concen: 1.990 ppbv
RT: 2.826 min Scan# 846
Delta R.T. -0.000 min
Lab File: VL042350.D
Acq: 17 Apr 2025 10:17



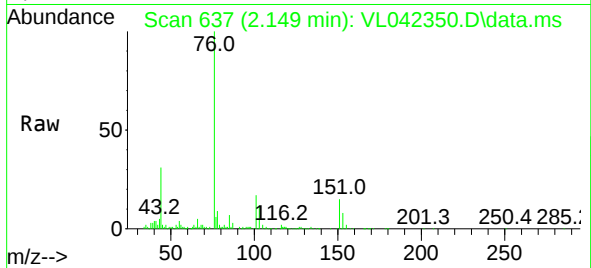
Tgt Ion: 57 Resp: 40046
Ion Ratio Lower Upper
57 100
41 94.1 77.9 116.9
43 260.7 208.4 312.6
56 54.9 43.1 64.7





#27
Carbon Disulfide
Concen: 2.041 ppbv
RT: 2.149 min Scan# 637
Delta R.T. -0.000 min
Lab File: VL042350.D
Acq: 17 Apr 2025 10:17

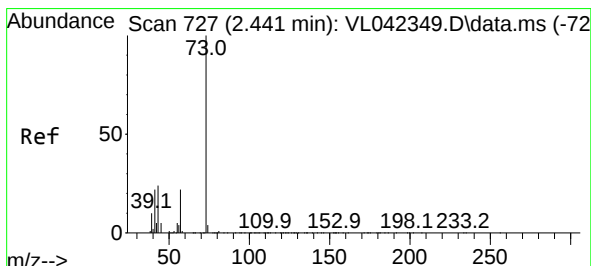
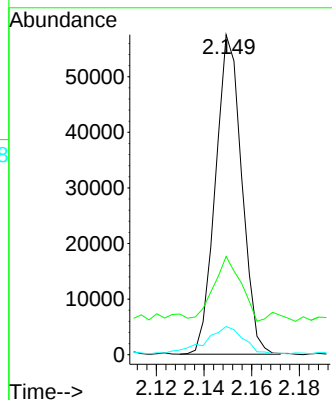
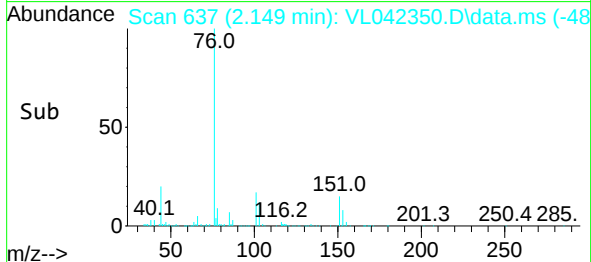
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



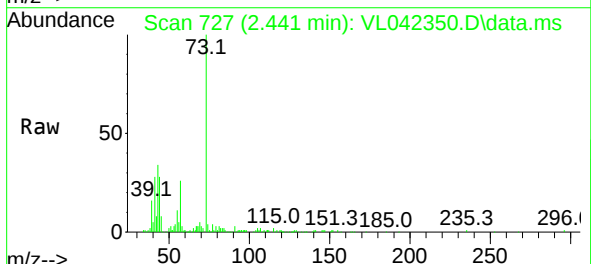
Tgt Ion: 76 Resp: 43975
Ion Ratio Lower Upper
76 100
44 44.3 15.5 23.3
78 13.6 9.3 13.9

Manual Integrations
APPROVED

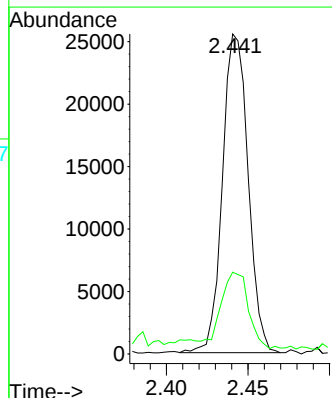
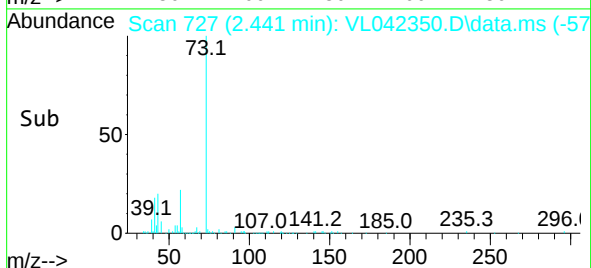
Reviewed By :Semsettin Yesilyurt 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025

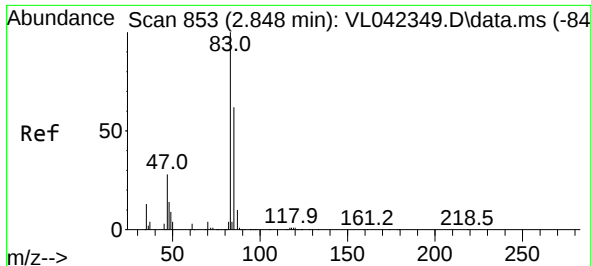


#28
Methyl tert-Butyl Ether
Concen: 2.116 ppbv
RT: 2.441 min Scan# 727
Delta R.T. -0.000 min
Lab File: VL042350.D
Acq: 17 Apr 2025 10:17



Tgt Ion: 73 Resp: 27905
Ion Ratio Lower Upper
73 100
57 28.1 21.3 31.9





#29

Chloroform

Concen: 2.072 ppbv

RT: 2.848 min Scan# 853

Delta R.T. -0.000 min

Lab File: VL042350.D

Acq: 17 Apr 2025 10:17

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC002

Tgt Ion: 83 Resp: 58940

Ion Ratio Lower Upper

83 100

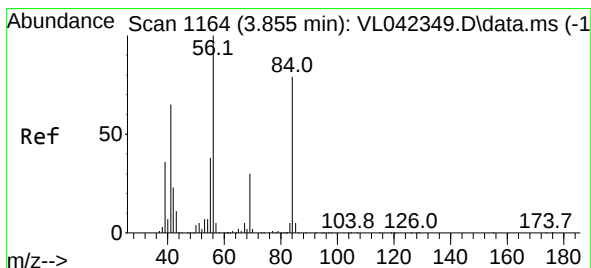
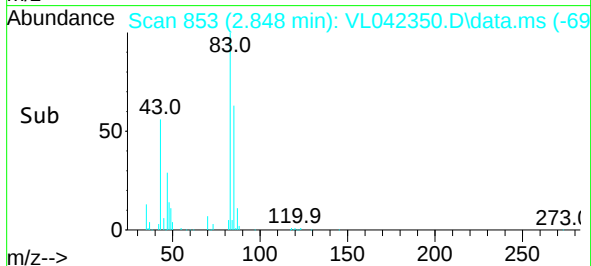
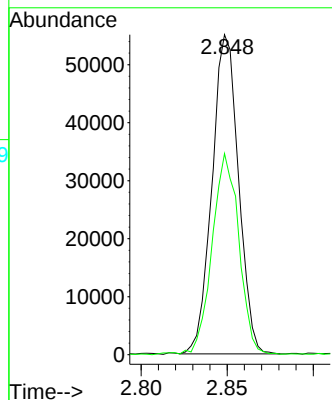
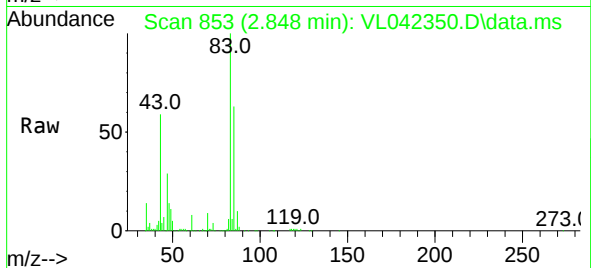
85 62.9 50.0 75.0

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 04/18/2025

Supervised By :Mahesh Dadoda 04/18/2025



#30

Cyclohexane

Concen: 2.048 ppbv

RT: 3.858 min Scan# 1165

Delta R.T. 0.003 min

Lab File: VL042350.D

Acq: 17 Apr 2025 10:17

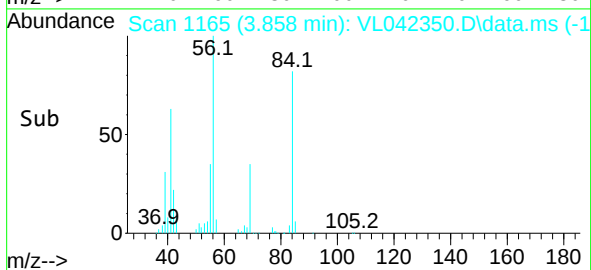
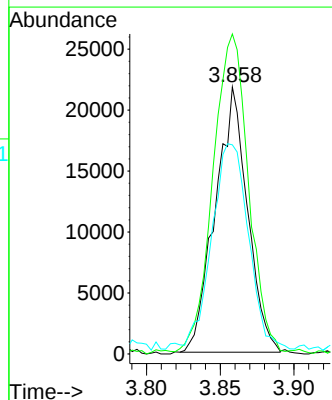
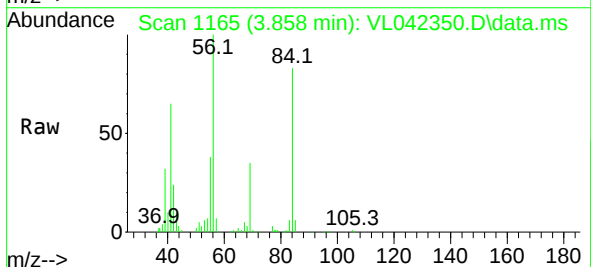
Tgt Ion: 84 Resp: 33195

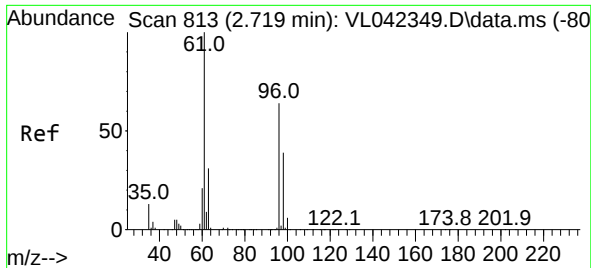
Ion Ratio Lower Upper

84 100

56 134.5 101.0 151.4

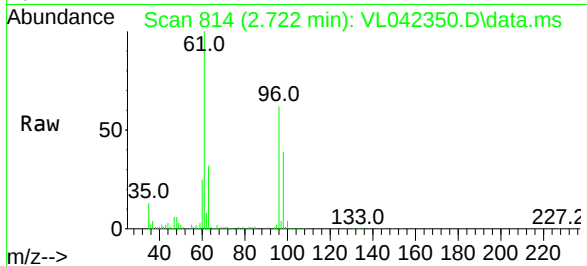
41 88.1 67.4 101.0





#31
 cis-1,2-Dichloroethene
 Concen: 2.051 ppbv
 RT: 2.722 min Scan# 813
 Delta R.T. 0.003 min
 Lab File: VL042350.D
 Acq: 17 Apr 2025 10:17

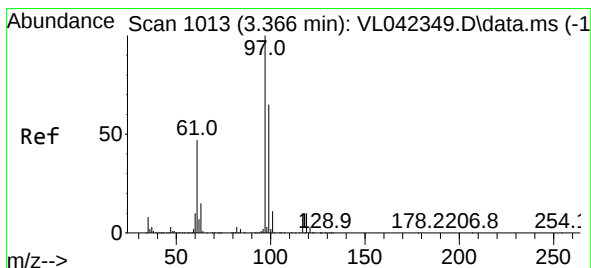
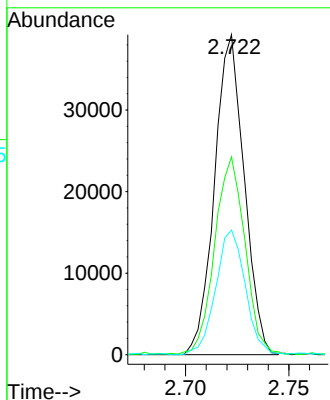
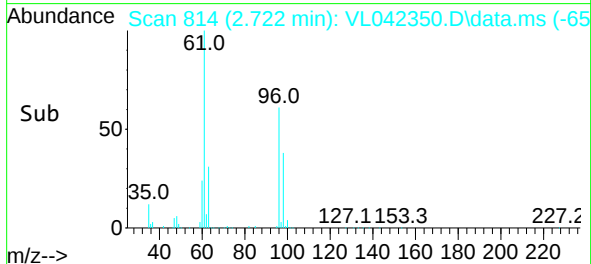
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002



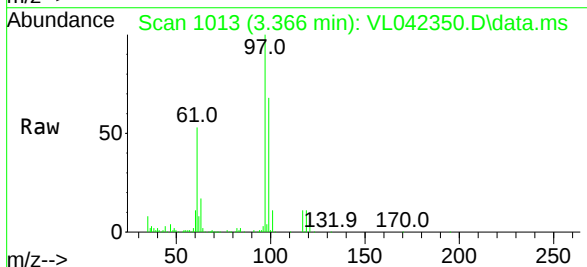
Tgt Ion: 61 Resp: 39249
 Ion Ratio Lower Upper
 61 100
 96 61.6 50.8 76.2
 98 39.0 30.9 46.3

Manual Integrations
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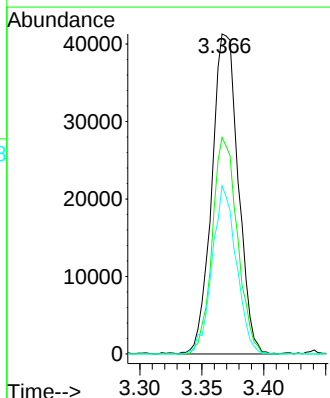
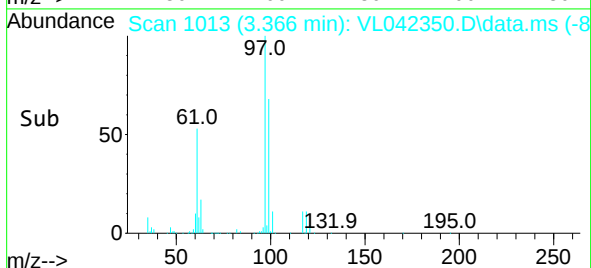
Reviewed By :Semsettin Yesilyurt 04/18/2025
 Supervised By :Mahesh Dadoda 04/18/2025

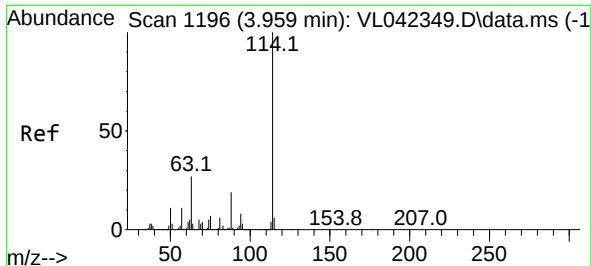


#32
 1,1,1-Trichloroethane
 Concen: 2.014 ppbv
 RT: 3.366 min Scan# 1013
 Delta R.T. -0.000 min
 Lab File: VL042350.D
 Acq: 17 Apr 2025 10:17



Tgt Ion: 97 Resp: 61442
 Ion Ratio Lower Upper
 97 100
 99 64.0 51.0 76.4
 61 48.0 38.8 58.2





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.959 min Scan# 1196

Delta R.T. -0.000 min

Lab File: VL042350.D

Acq: 17 Apr 2025 10:17

Instrument :

MSVOA_L

ClientSampleId :

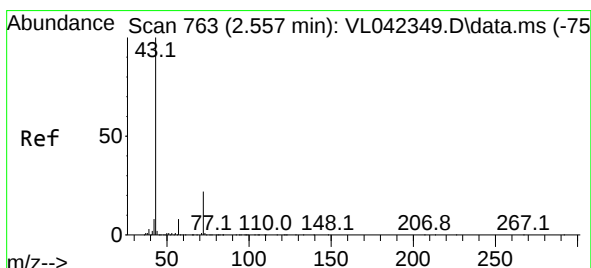
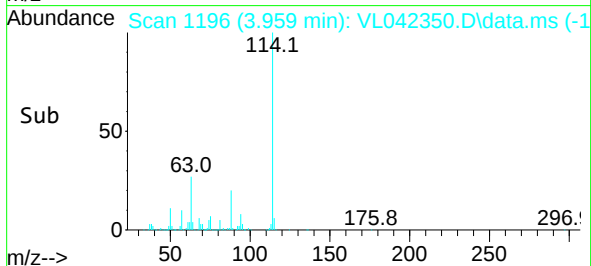
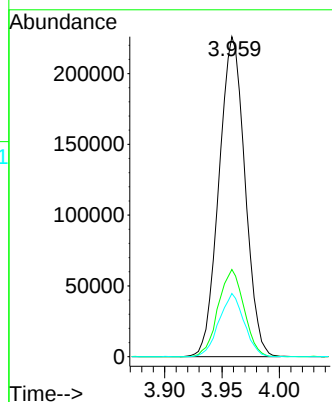
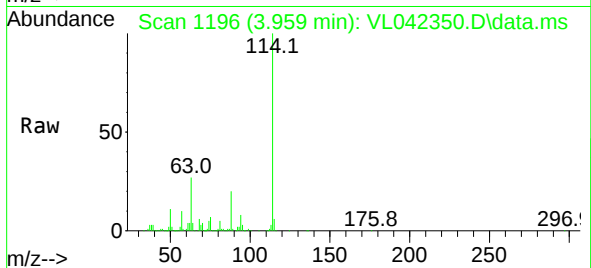
VSTDICC002

Tgt Ion:	114	Resp:	355918
Ion	Ratio	Lower	Upper
114	100		
63	27.1	21.8	32.6
88	19.0	15.5	23.3

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#34

2-Butanone

Concen: 2.069 ppbv

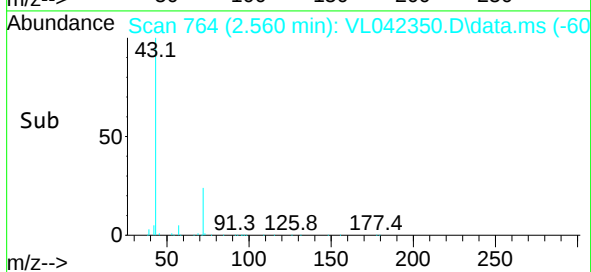
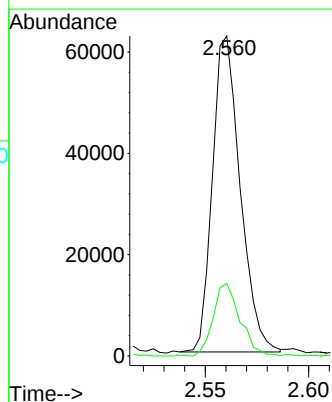
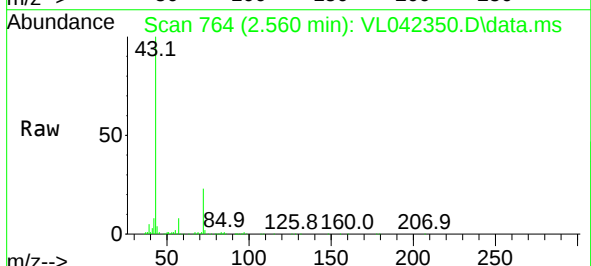
RT: 2.560 min Scan# 764

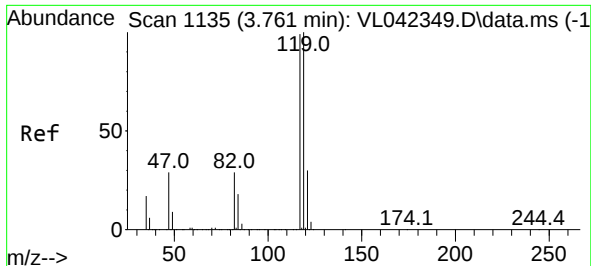
Delta R.T. 0.003 min

Lab File: VL042350.D

Acq: 17 Apr 2025 10:17

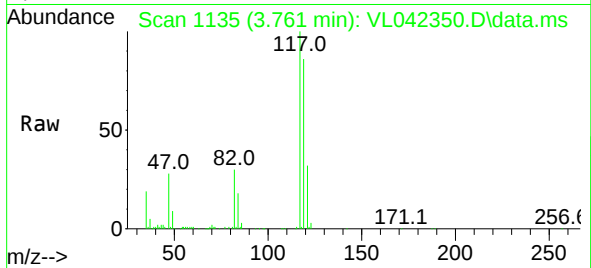
Tgt Ion:	43	Resp:	58249
Ion	Ratio	Lower	Upper
43	100		
72	22.5	18.2	27.2





#35
Carbon Tetrachloride
Concen: 1.872 ppbv
RT: 3.761 min Scan# 1135
Delta R.T. -0.000 min
Lab File: VL042350.D
Acq: 17 Apr 2025 10:17

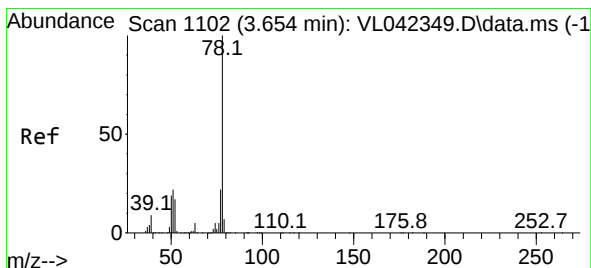
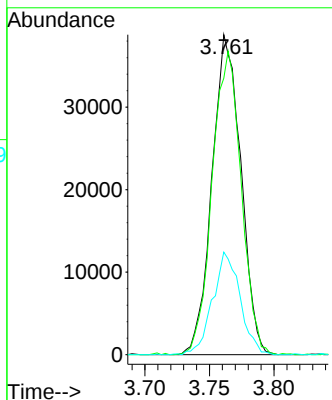
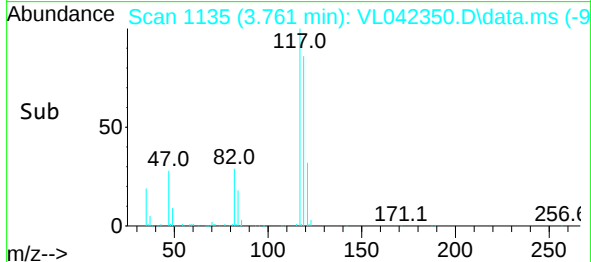
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



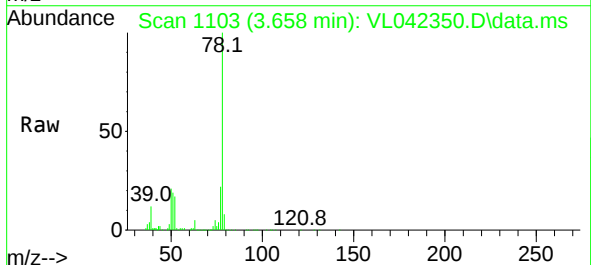
Tgt Ion: 117 Resp: 6029
Ion Ratio Lower Upper
117 100
119 86.4 80.5 120.7
121 32.1 24.2 36.2

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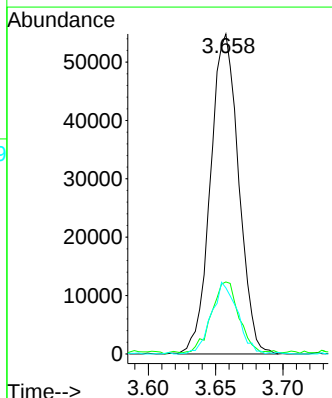
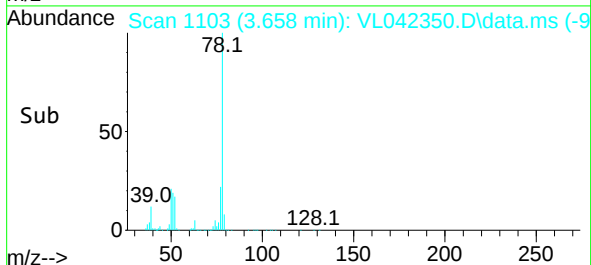
Reviewed By :Semsettin Yesilyurt 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025

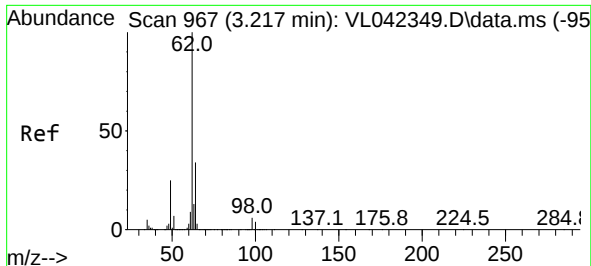


#36
Benzene
Concen: 2.079 ppbv
RT: 3.658 min Scan# 1103
Delta R.T. 0.003 min
Lab File: VL042350.D
Acq: 17 Apr 2025 10:17



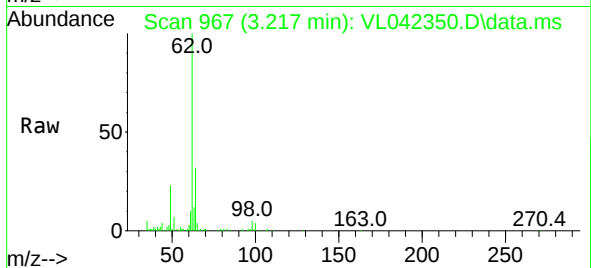
Tgt Ion: 78 Resp: 79814
Ion Ratio Lower Upper
78 100
77 22.0 17.4 26.0
50 20.6 15.5 23.3





#37
1,2-Dichloroethane
Concen: 2.057 ppbv
RT: 3.217 min Scan# 967
Delta R.T. -0.000 min
Lab File: VL042350.D
Acq: 17 Apr 2025 10:17

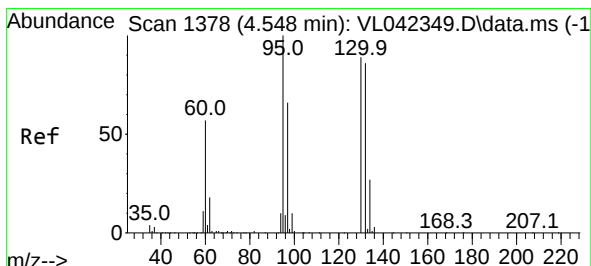
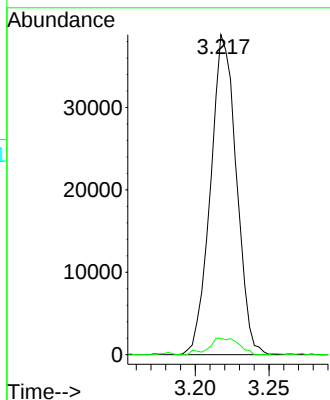
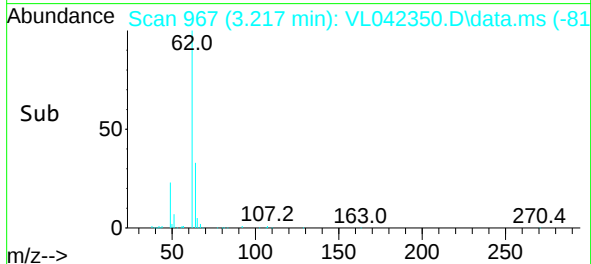
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



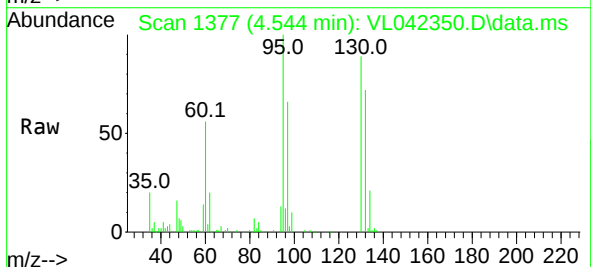
Tgt Ion: 62 Resp: 47398
Ion Ratio Lower Upper
62 100
98 6.4 5.1 7.7

Manual Integrations
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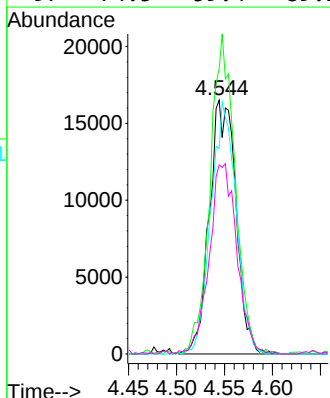
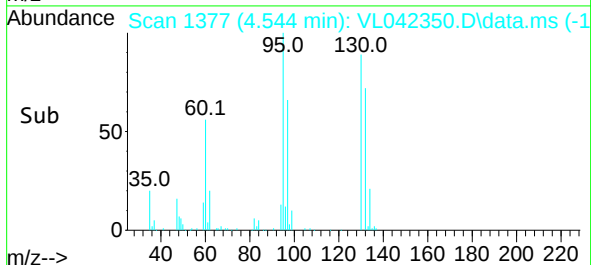
Reviewed By :Semsettin Yesilyurt 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025

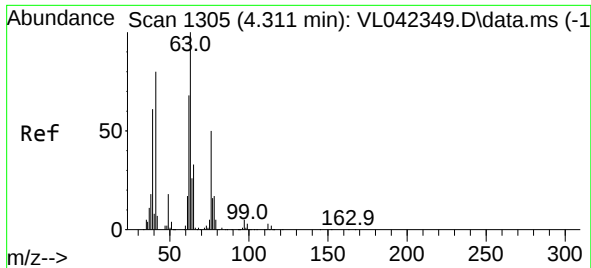


#38
Trichloroethene
Concen: 1.891 ppbv m
RT: 4.544 min Scan# 1377
Delta R.T. -0.003 min
Lab File: VL042350.D
Acq: 17 Apr 2025 10:17



Tgt Ion:130 Resp: 31826
Ion Ratio Lower Upper
130 100
95 112.6 89.8 134.6
132 81.1 77.7 116.5
97 74.5 59.4 89.2





#39

1,2-Dichloropropane

Concen: 2.012 ppbv

RT: 4.315 min Scan# 1305

Delta R.T. 0.003 min

Lab File: VL042350.D

Acq: 17 Apr 2025 10:17

Instrument :

MSVOA_L

ClientSampleId :

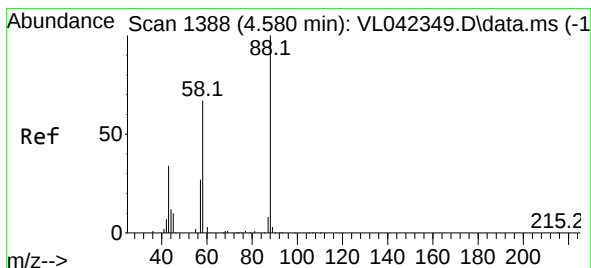
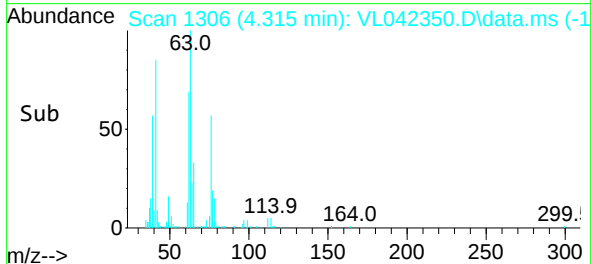
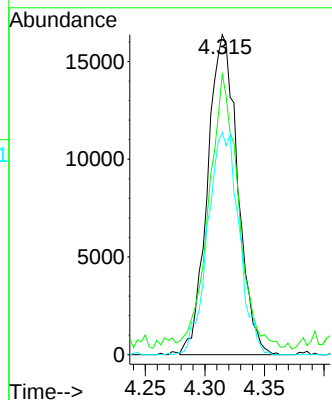
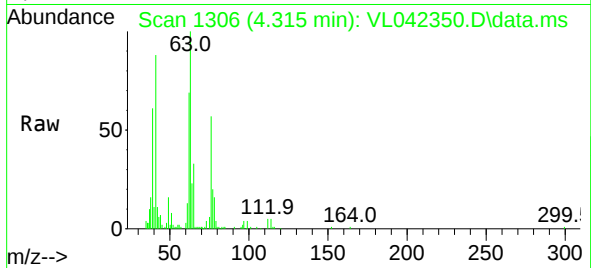
VSTDICC002

Tgt Ion: 63	Resp: 28800
Ion Ratio	Lower Upper
63 100	
41 85.2	64.2 96.2
62 69.4	54.3 81.5

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Reviewed By :Semsettin Yesilyurt 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#40

1,4-Dioxane

Concen: 2.133 ppbv m

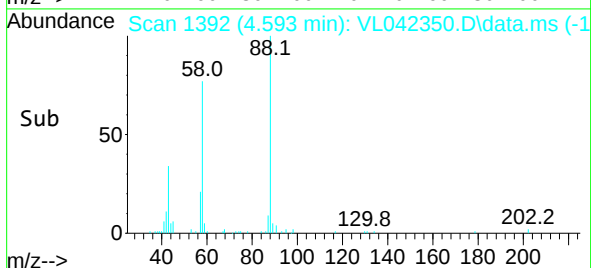
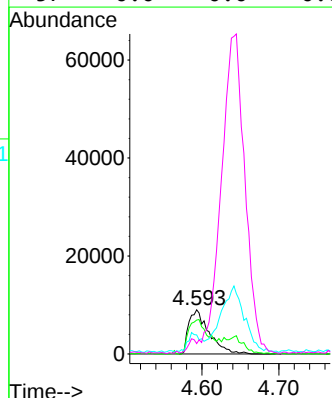
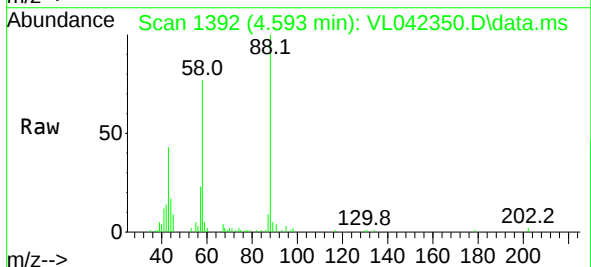
RT: 4.593 min Scan# 1392

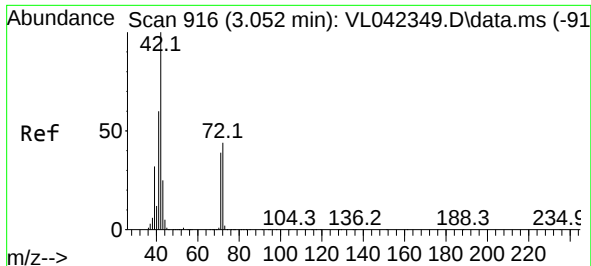
Delta R.T. 0.013 min

Lab File: VL042350.D

Acq: 17 Apr 2025 10:17

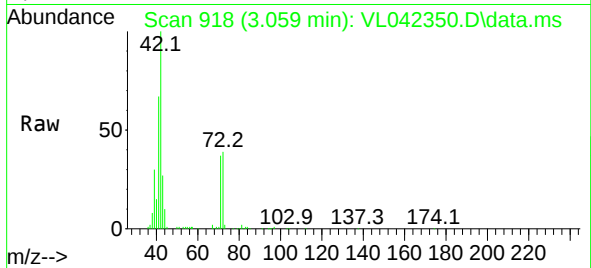
Tgt Ion: 88	Resp: 16536
Ion Ratio	Lower Upper
88 100	
58 82.3	61.4 92.0
43 6.1	23.2 34.8
57 0.0	0.0 0.0





#41
Tetrahydrofuran
Concen: 2.047 ppbv
RT: 3.059 min Scan# 916
Delta R.T. 0.006 min
Lab File: VL042350.D
Acq: 17 Apr 2025 10:17

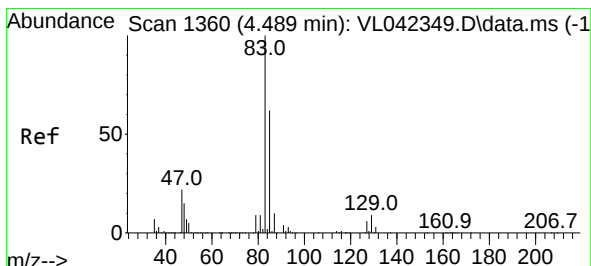
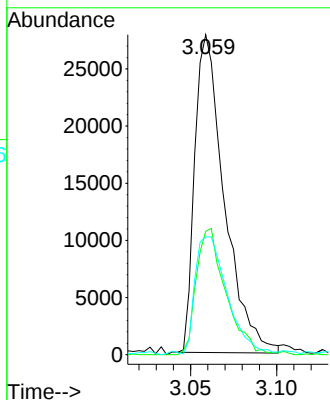
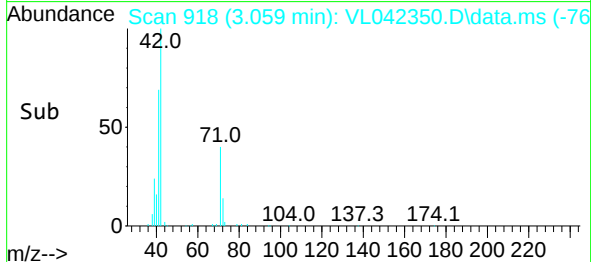
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



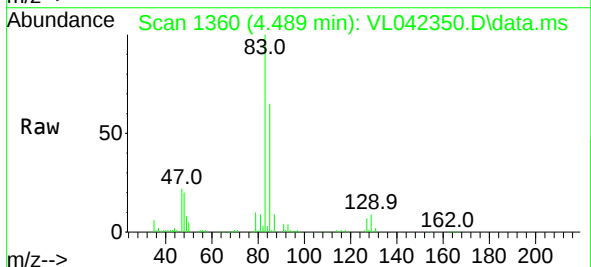
Tgt Ion: 42 Resp: 33298
Ion Ratio Lower Upper
42 100
72 39.9 32.3 48.5
71 41.5 31.4 47.2

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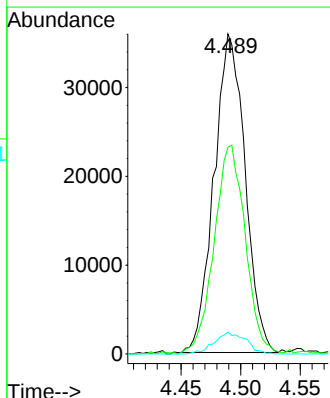
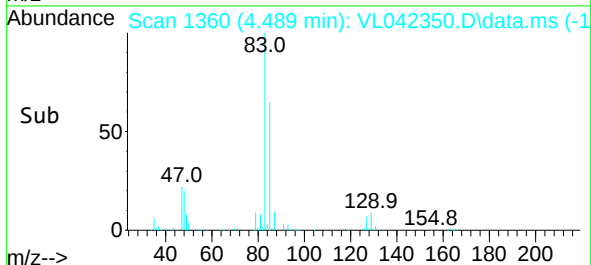
Reviewed By :Semsettin Yesilyurt 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025

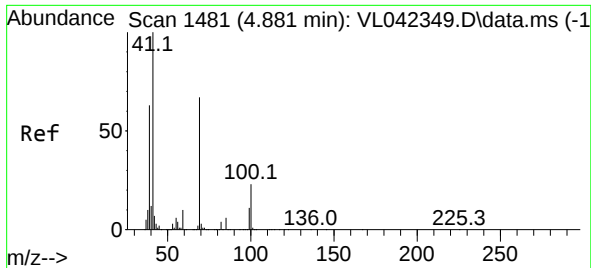


#42
Bromodichloromethane
Concen: 2.025 ppbv
RT: 4.489 min Scan# 1360
Delta R.T. -0.000 min
Lab File: VL042350.D
Acq: 17 Apr 2025 10:17



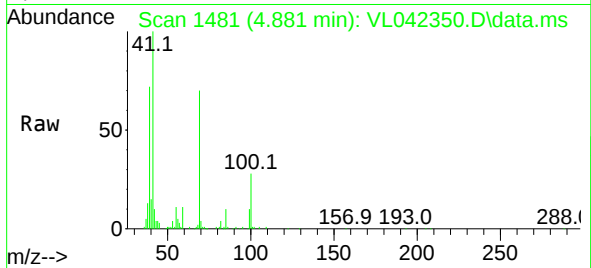
Tgt Ion: 83 Resp: 64941
Ion Ratio Lower Upper
83 100
85 64.9 49.7 74.5
127 6.9 5.1 7.7





#43
Methyl Methacrylate
Concen: 2.046 ppbv
RT: 4.881 min Scan# 1481
Delta R.T. -0.000 min
Lab File: VL042350.D
Acq: 17 Apr 2025 10:17

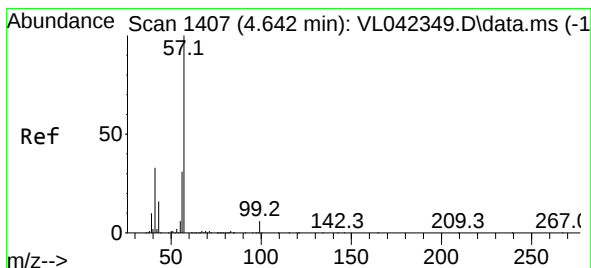
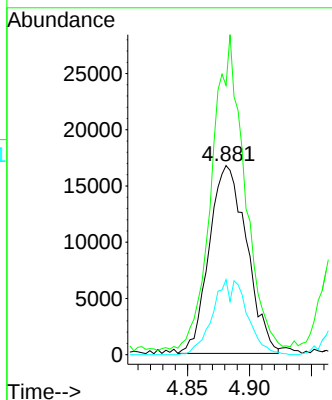
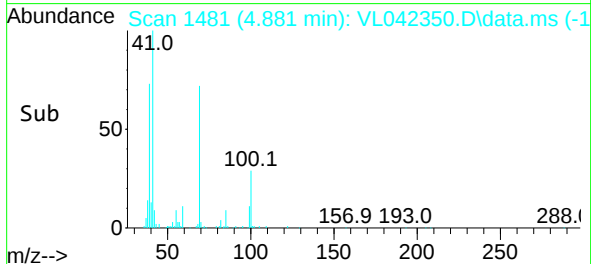
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



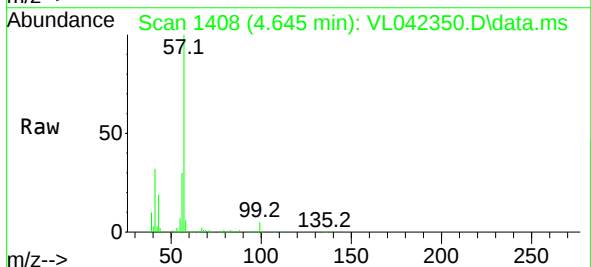
Tgt Ion: 69 Resp: 35250
Ion Ratio Lower Upper
69 100
41 144.4 118.6 177.8
100 36.5 28.2 42.2

Manual Integrations
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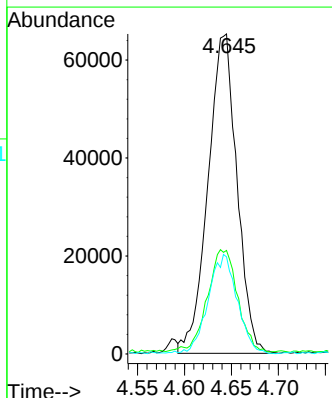
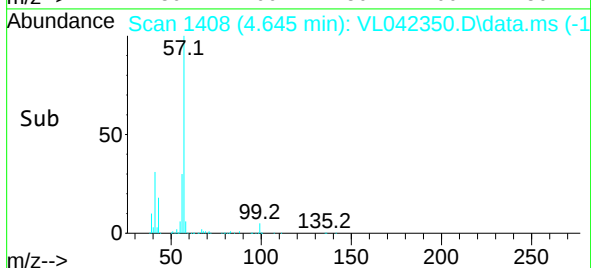
Reviewed By :Semsettin Yesilyurt 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025

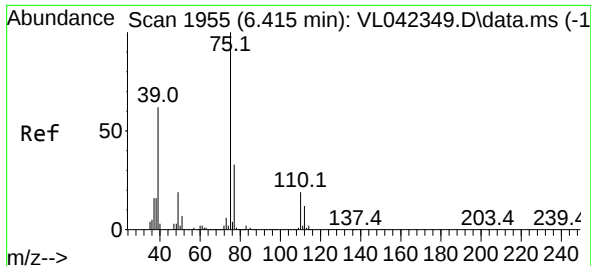


#44
2,2,4-Trimethylpentane
Concen: 2.103 ppbv
RT: 4.645 min Scan# 1408
Delta R.T. 0.003 min
Lab File: VL042350.D
Acq: 17 Apr 2025 10:17



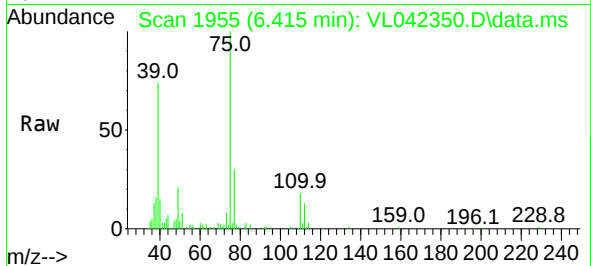
Tgt Ion: 57 Resp: 139641
Ion Ratio Lower Upper
57 100
41 34.4 27.2 40.8
56 31.3 25.7 38.5





#45
 t-1,3-Dichloropropene
 Concen: 2.050 ppbv
 RT: 6.415 min Scan# 1955
 Delta R.T. -0.000 min
 Lab File: VL042350.D
 Acq: 17 Apr 2025 10:17

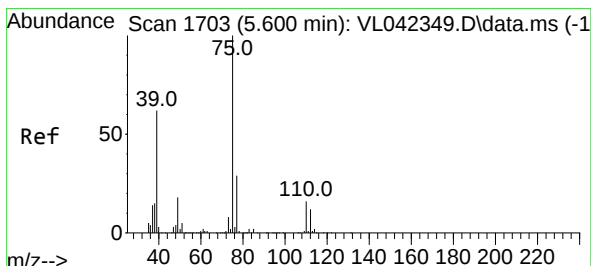
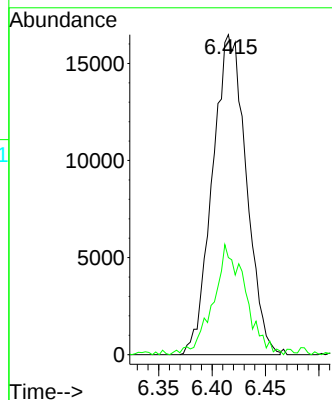
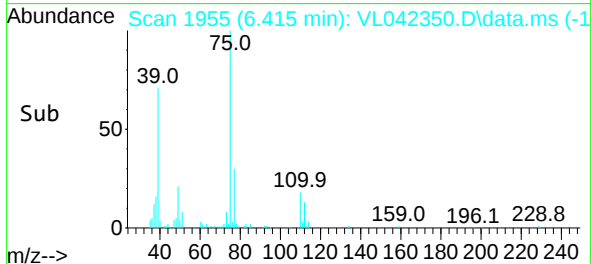
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC002



Tgt Ion: 75 Resp: 3626
 Ion Ratio Lower Upper
 75 100
 77 30.4 27.0 40.6

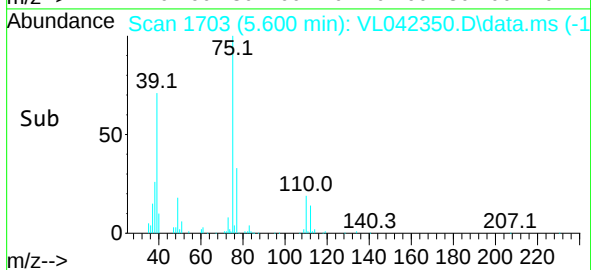
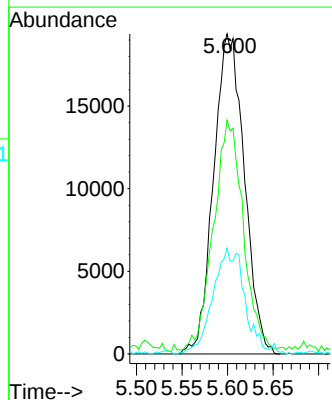
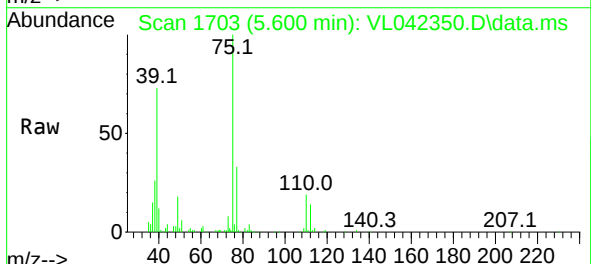
Manual Integrations
 APPROVED

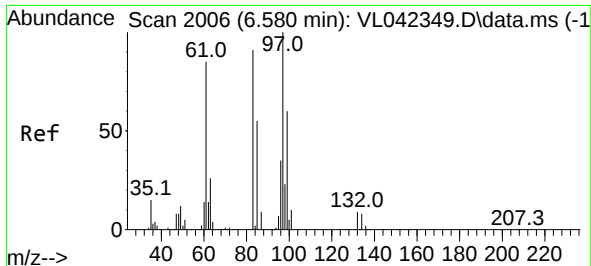
Reviewed By :Semsettin Yesilyurt 04/18/2025
 Supervised By :Mahesh Dadoda 04/18/2025



#46
 cis-1,3-Dichloropropene
 Concen: 2.096 ppbv m
 RT: 5.600 min Scan# 1703
 Delta R.T. -0.000 min
 Lab File: VL042350.D
 Acq: 17 Apr 2025 10:17

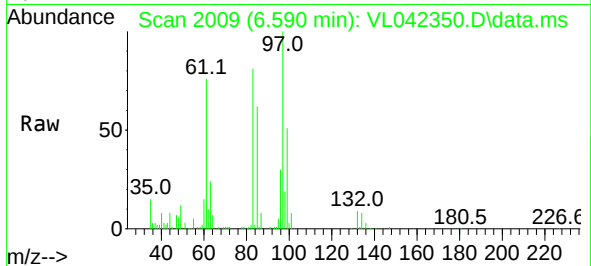
Tgt Ion: 75 Resp: 45327
 Ion Ratio Lower Upper
 75 100
 39 73.0 50.0 75.0
 77 33.1 23.0 34.6





#47
1,1,2-Trichloroethane
Concen: 2.049 ppbv
RT: 6.590 min Scan# 2006
Delta R.T. 0.010 min
Lab File: VL042350.D
Acq: 17 Apr 2025 10:17

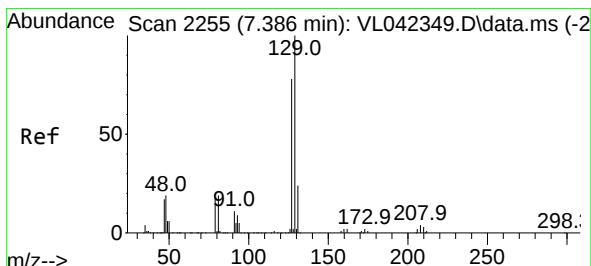
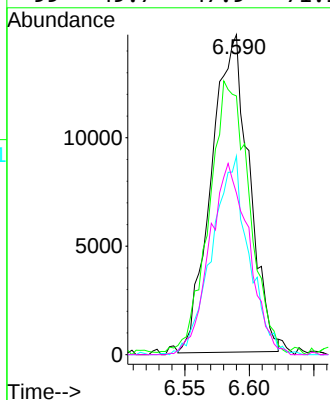
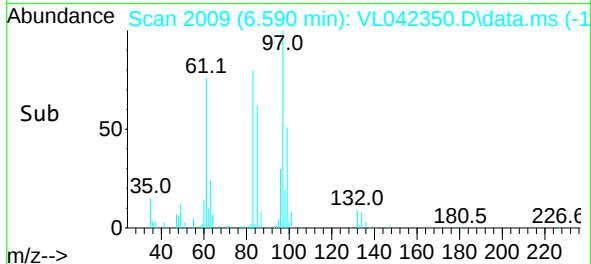
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



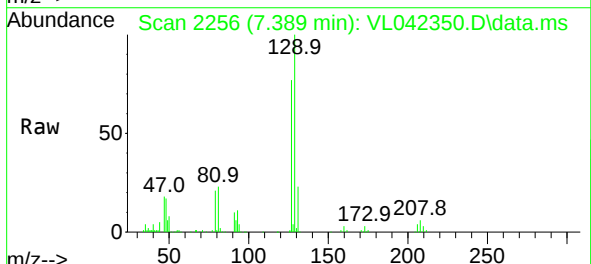
Tgt Ion: 97 Resp: 29879
Ion Ratio Lower Upper
97 100
83 78.8 72.8 109.2
85 61.7 44.2 66.4
99 49.7 47.9 71.9

Manual Integrations
APPROVED

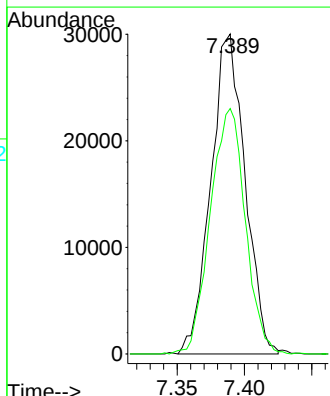
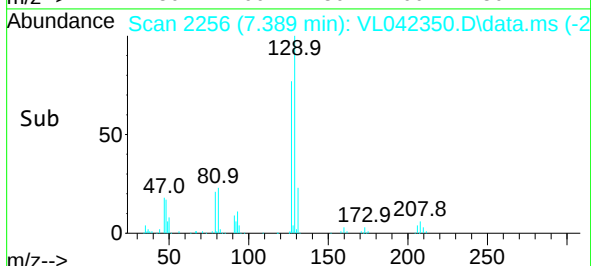
Reviewed By :Semsettin Yesilyurt 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025

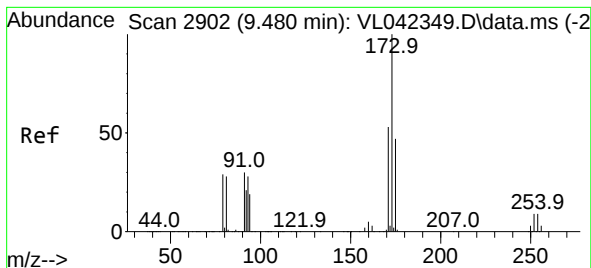


#48
Dibromochloromethane
Concen: 2.061 ppbv
RT: 7.389 min Scan# 2256
Delta R.T. 0.003 min
Lab File: VL042350.D
Acq: 17 Apr 2025 10:17



Tgt Ion:129 Resp: 53069
Ion Ratio Lower Upper
129 100
127 78.4 39.1 117.3





#49

Bromoform

Concen: 2.135 ppbv

RT: 9.483 min Scan# 2902

Delta R.T. 0.003 min

Lab File: VL042350.D

Acq: 17 Apr 2025 10:17

Instrument :

MSVOA_L

ClientSampleId :

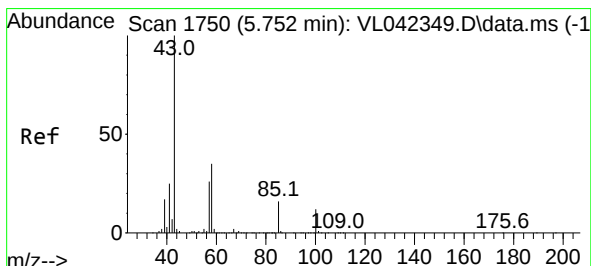
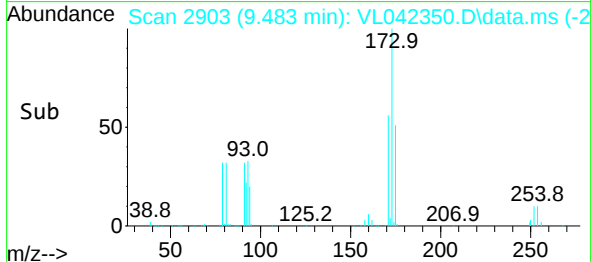
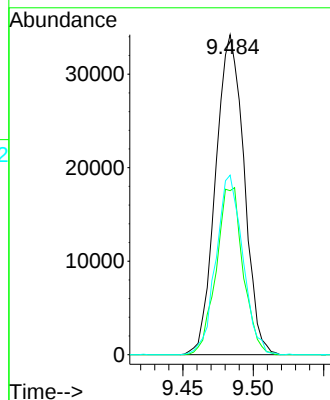
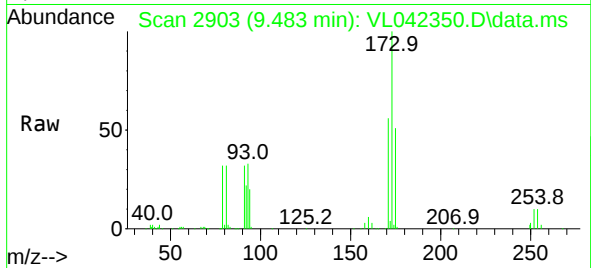
VSTDIC002

Tgt Ion:173 Resp: 48069
 Ion Ratio Lower Upper
 173 100
 175 49.4 38.2 57.2
 171 53.0 40.9 61.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/18/2025
 Supervised By :Mahesh Dadoda 04/18/2025



#50

4-Methyl-2-Pentanone

Concen: 2.180 ppbv

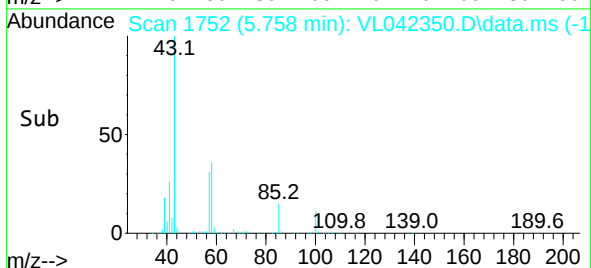
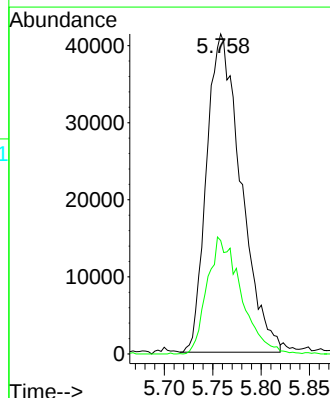
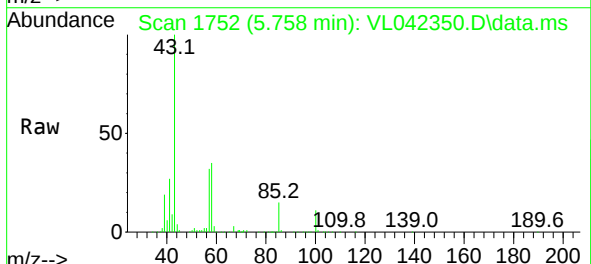
RT: 5.758 min Scan# 1752

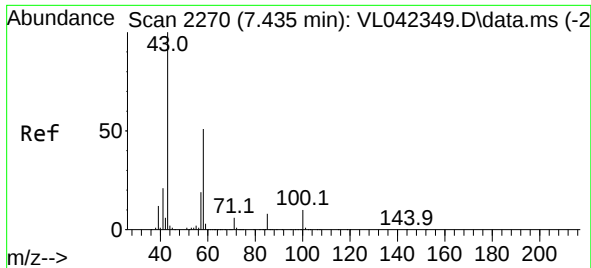
Delta R.T. 0.006 min

Lab File: VL042350.D

Acq: 17 Apr 2025 10:17

Tgt Ion: 43 Resp: 102182
 Ion Ratio Lower Upper
 43 100
 58 36.3 28.6 43.0





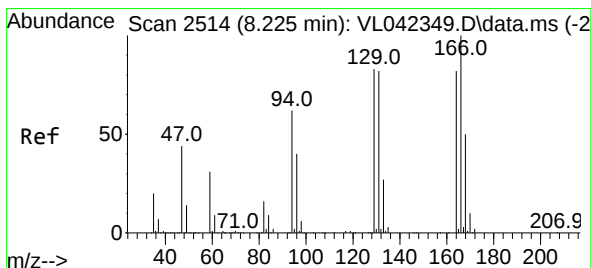
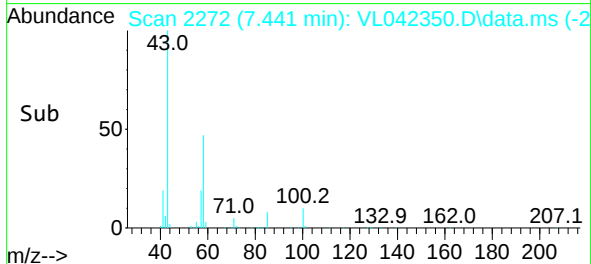
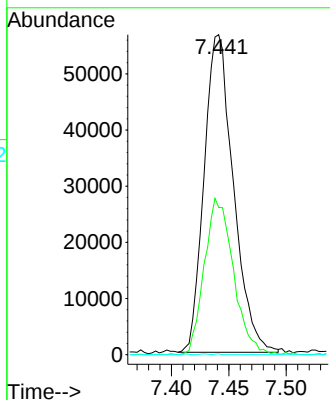
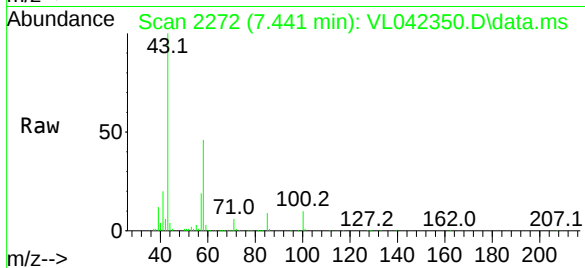
#51
2-Hexanone
Concen: 2.375 ppbv
RT: 7.441 min Scan# 21
Delta R.T. 0.006 min
Lab File: VL042350.D
Acq: 17 Apr 2025 10:17

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 43 Resp: 10044
Ion Ratio Lower Upper
43 100
58 49.0 40.2 60.4
98 0.1 0.1 0.1

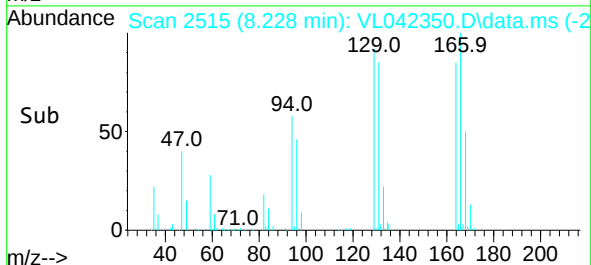
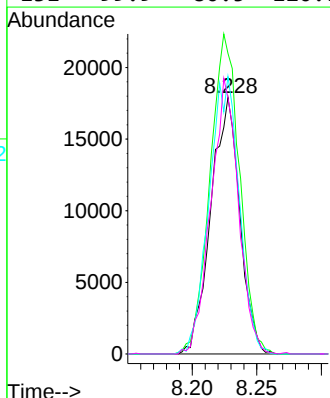
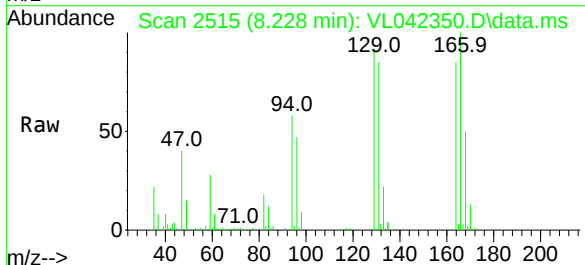
Manual Integrations
APPROVED

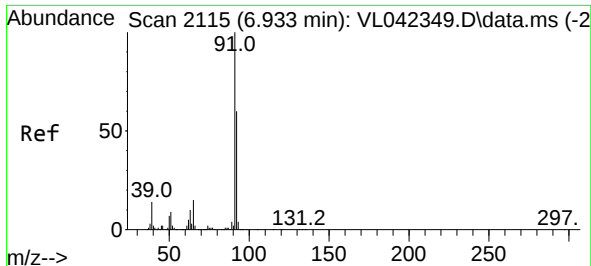
Reviewed By :Semsettin Yesilyurt 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#52
Tetrachloroethene
Concen: 1.877 ppbv
RT: 8.228 min Scan# 2515
Delta R.T. 0.003 min
Lab File: VL042350.D
Acq: 17 Apr 2025 10:17

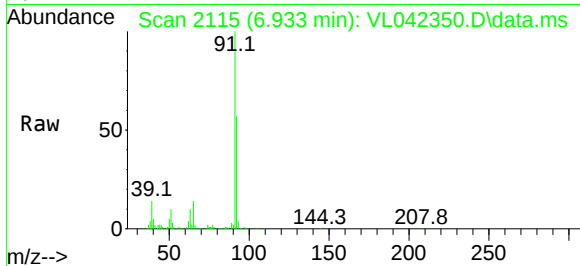
Tgt Ion:164 Resp: 27854
Ion Ratio Lower Upper
164 100
166 117.2 98.2 147.2
129 108.2 81.8 122.8
131 99.9 80.5 120.7





#53
Toluene
Concen: 2.116 ppbv
RT: 6.933 min Scan# 2115
Delta R.T. -0.000 min
Lab File: VL042350.D
Acq: 17 Apr 2025 10:17

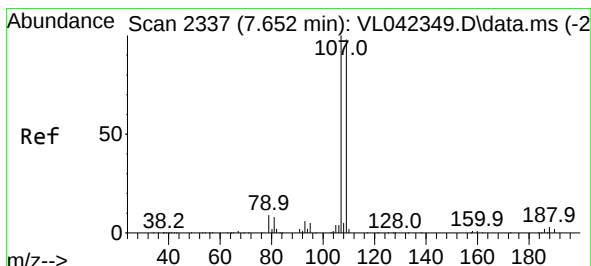
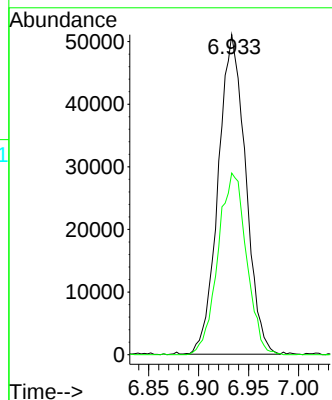
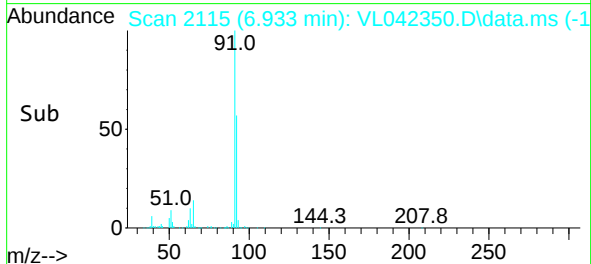
Instrument : MSVOA_L
ClientSampleId : VSTDIC002



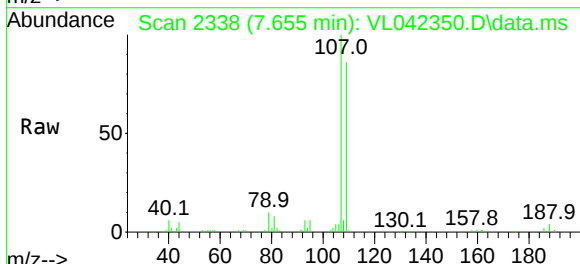
Tgt Ion: 91 Resp: 9749
Ion Ratio Lower Upper
91 100
92 59.1 48.2 72.4

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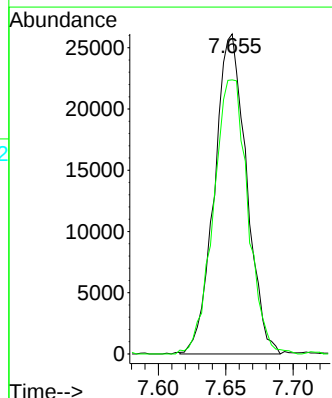
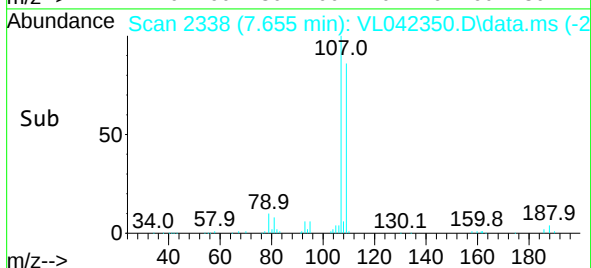
Reviewed By :Semsettin Yesilyurt 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025

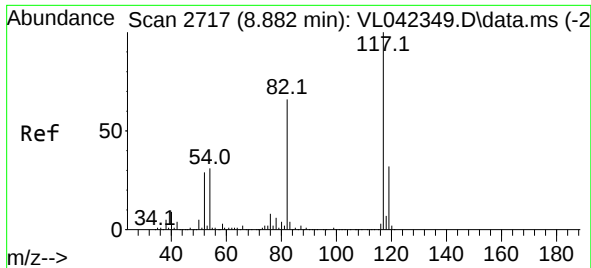


#54
1,2-Dibromoethane
Concen: 2.076 ppbv
RT: 7.655 min Scan# 2338
Delta R.T. 0.003 min
Lab File: VL042350.D
Acq: 17 Apr 2025 10:17



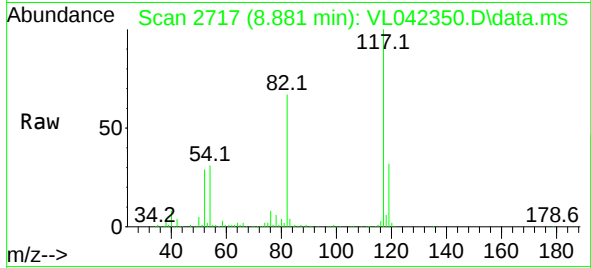
Tgt Ion:107 Resp: 43153
Ion Ratio Lower Upper
107 100
109 84.5 78.2 117.4





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.881 min Scan# 21
Delta R.T. -0.000 min
Lab File: VL042350.D
Acq: 17 Apr 2025 10:17

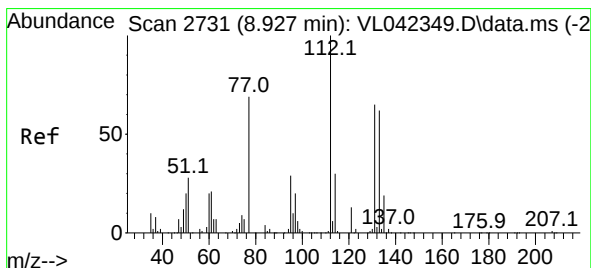
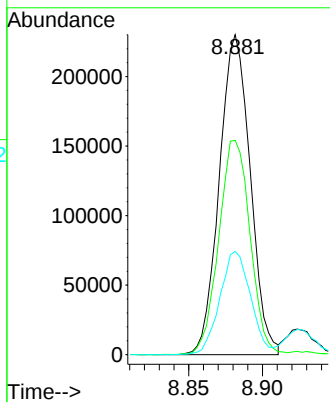
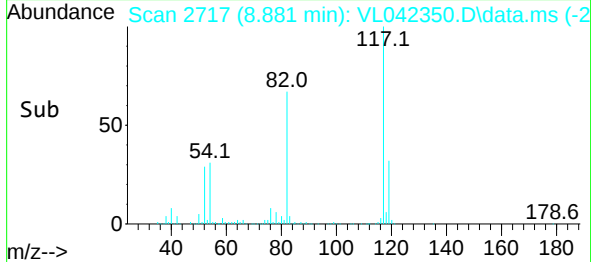
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



Tgt Ion:117 Resp: 33560
Ion Ratio Lower Upper
117 100
82 68.8 57.8 86.6
119 32.2 25.2 37.8

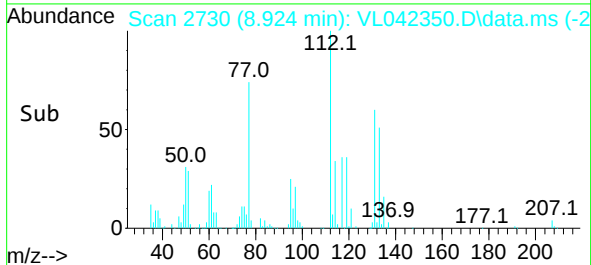
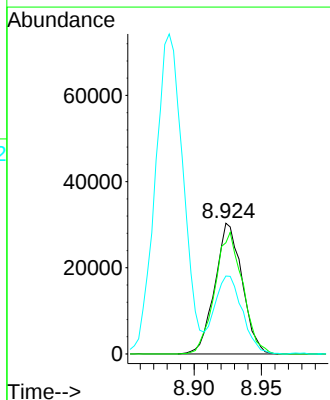
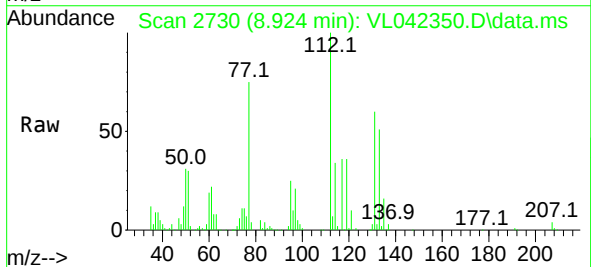
Manual Integrations
APPROVED

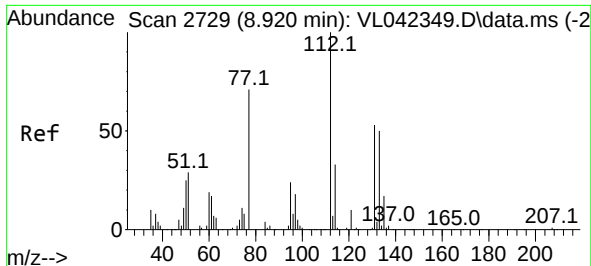
Reviewed By :Semsettin Yesilyurt 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#56
1,1,1,2-Tetrachloroethane
Concen: 2.097 ppbv
RT: 8.924 min Scan# 2730
Delta R.T. -0.003 min
Lab File: VL042350.D
Acq: 17 Apr 2025 10:17

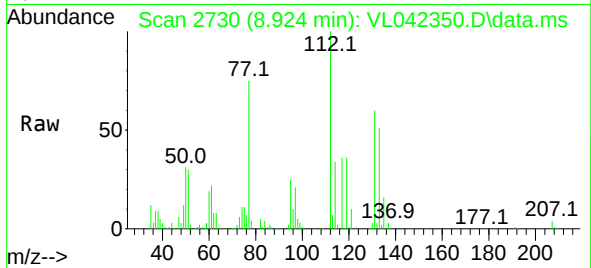
Tgt Ion:131 Resp: 42601
Ion Ratio Lower Upper
131 100
133 95.3 78.3 117.5
119 53.8 48.7 73.1





#57
Chlorobenzene
Concen: 2.054 ppbv
RT: 8.924 min Scan# 2729
Delta R.T. 0.003 min
Lab File: VL042350.D
Acq: 17 Apr 2025 10:17

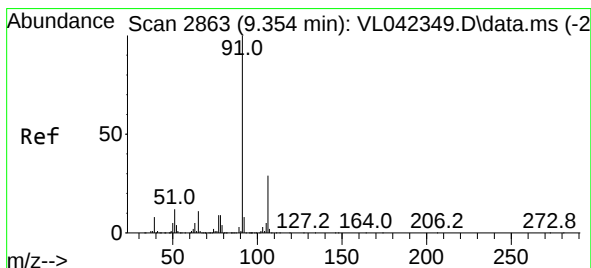
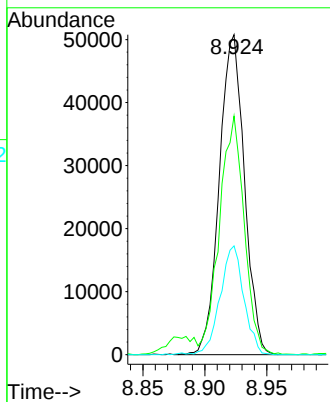
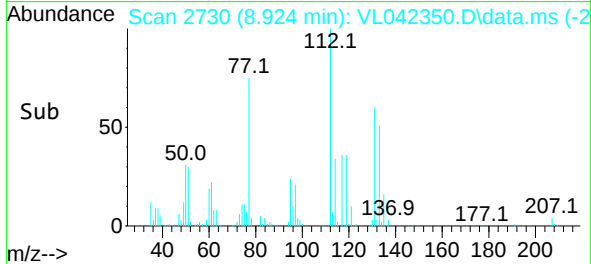
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



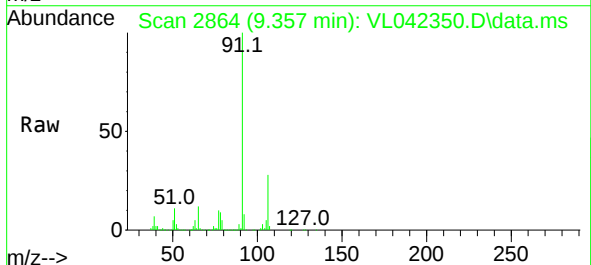
Tgt Ion: 112 Resp: 71685
Ion Ratio Lower Upper
112 100
77 74.0 57.8 86.6
114 34.0 29.3 35.9

Manual Integrations
APPROVED

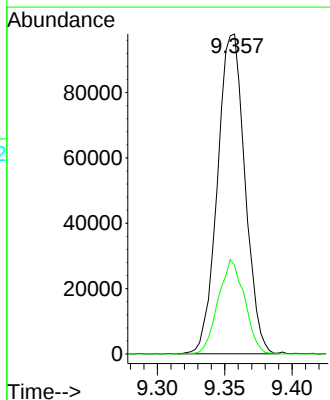
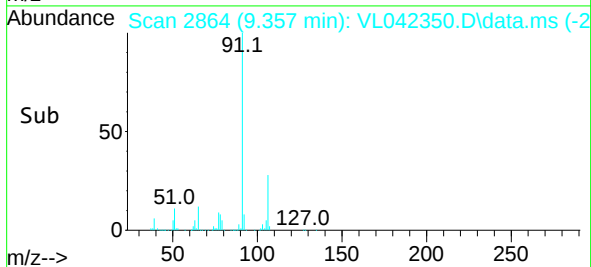
Reviewed By :Semsettin Yesilyurt 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025

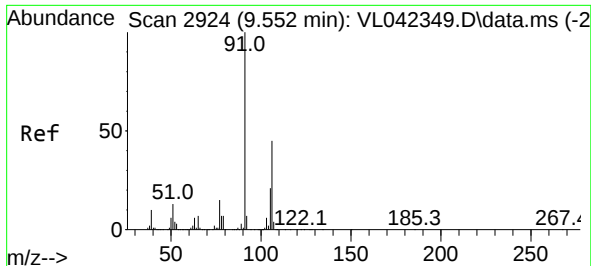


#58
Ethyl Benzene
Concen: 2.088 ppbv
RT: 9.357 min Scan# 2864
Delta R.T. 0.003 min
Lab File: VL042350.D
Acq: 17 Apr 2025 10:17



Tgt Ion: 91 Resp: 138810
Ion Ratio Lower Upper
91 100
106 27.7 23.0 34.4





#59

m/p-Xylene

Concen: 4.142 ppbv m

RT: 9.532 min Scan# 2918

Delta R.T. -0.019 min

Lab File: VL042350.D

Acq: 17 Apr 2025 10:17

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC002

Tgt Ion: 91 Resp: 22254

Ion Ratio Lower Upper

91 100

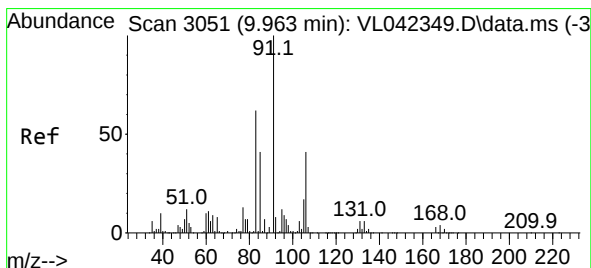
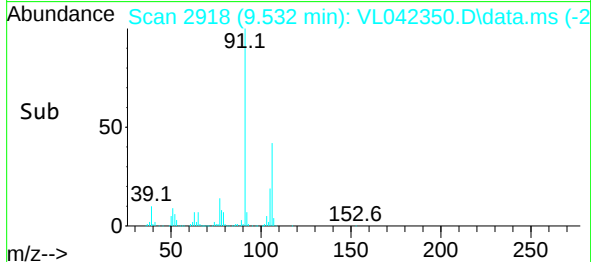
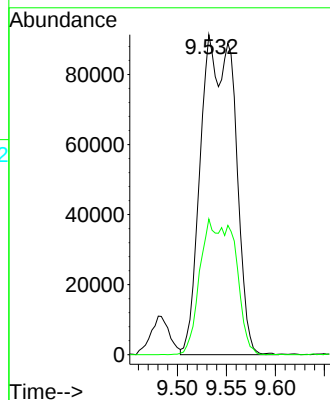
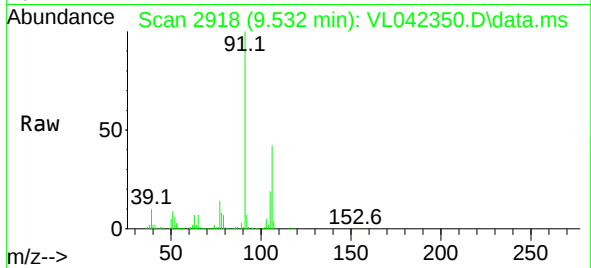
106 0.0 35.4 53.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/18/2025

Supervised By :Mahesh Dadoda 04/18/2025



#60

o-Xylene

Concen: 2.076 ppbv

RT: 9.963 min Scan# 3051

Delta R.T. -0.000 min

Lab File: VL042350.D

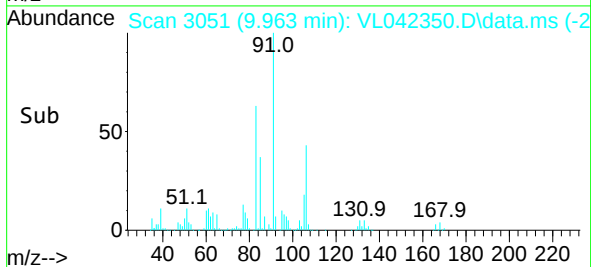
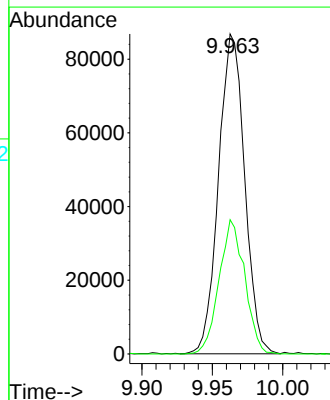
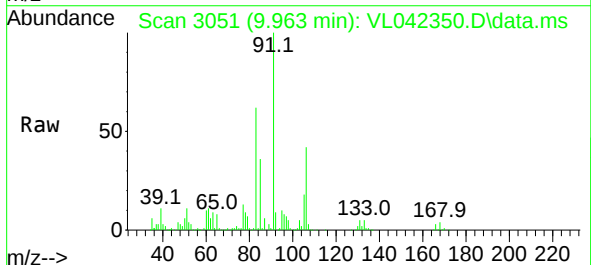
Acq: 17 Apr 2025 10:17

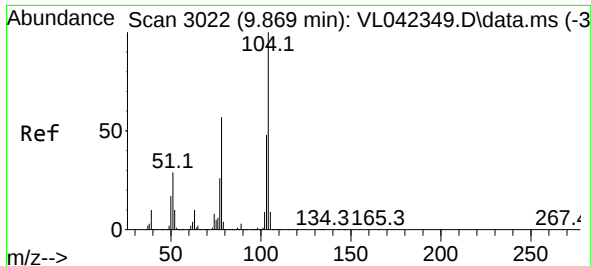
Tgt Ion: 91 Resp: 111972

Ion Ratio Lower Upper

91 100

106 41.2 21.1 63.4





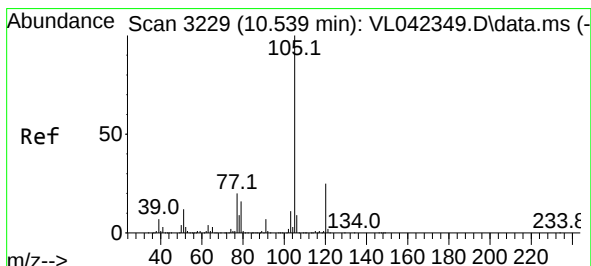
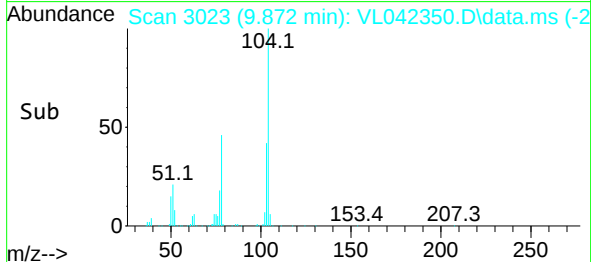
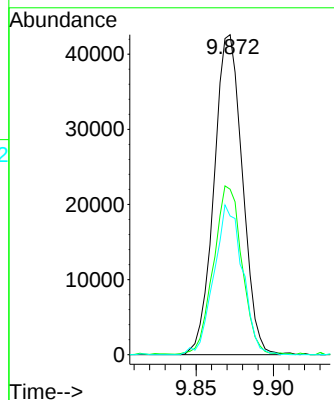
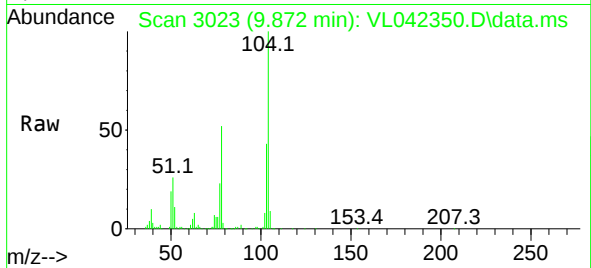
#61
Styrene
Concen: 2.106 ppbv
RT: 9.872 min Scan# 3022
Delta R.T. 0.003 min
Lab File: VL042350.D
Acq: 17 Apr 2025 10:17

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

Tgt Ion:104 Resp: 54229
Ion Ratio Lower Upper
104 100
78 53.4 44.6 66.8
103 47.1 37.4 56.0

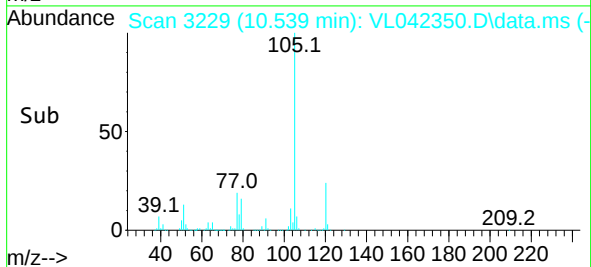
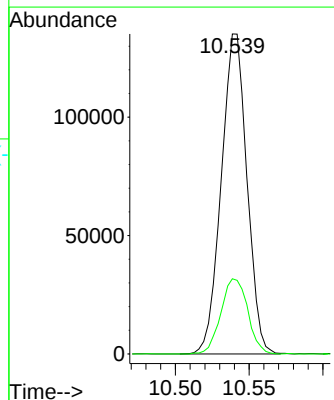
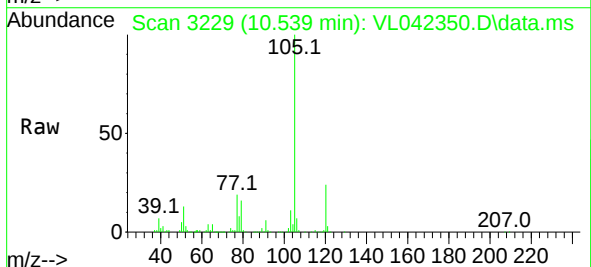
Manual Integrations
APPROVED

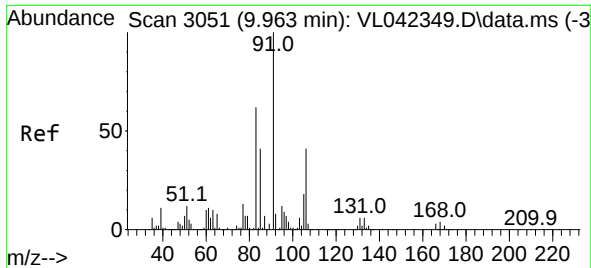
Reviewed By :Semsettin Yesilyurt 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#62
Isopropylbenzene
Concen: 2.067 ppbv
RT: 10.539 min Scan# 3229
Delta R.T. -0.000 min
Lab File: VL042350.D
Acq: 17 Apr 2025 10:17

Tgt Ion:105 Resp: 163716
Ion Ratio Lower Upper
105 100
120 24.6 19.8 29.8





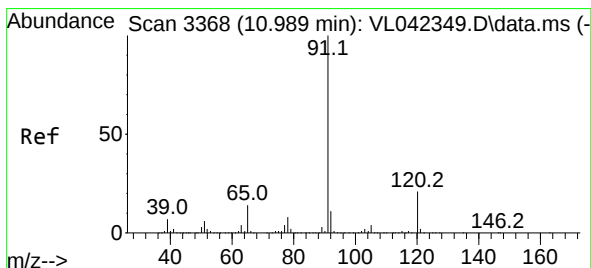
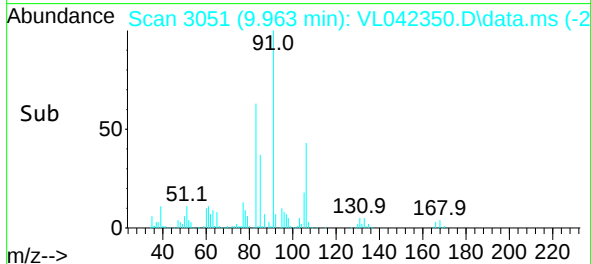
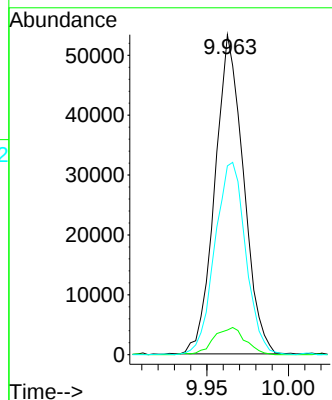
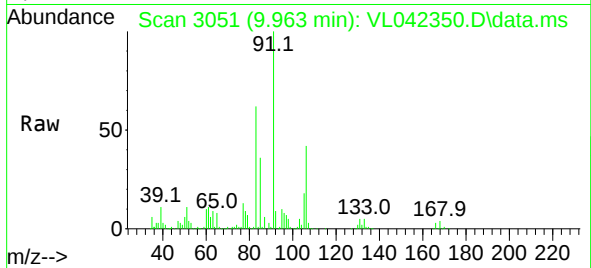
#63
1,1,2,2-Tetrachloroethane
Concen: 1.853 ppbv
RT: 9.963 min Scan# 3051
Delta R.T. -0.000 min
Lab File: VL042350.D
Acq: 17 Apr 2025 10:17

Instrument : MSVOA_L
ClientSampleId : VSTDIC002

Tgt Ion: 83 Resp: 64952
Ion Ratio Lower Upper
83 100
131 9.6 4.5 13.7
85 65.4 32.4 97.0

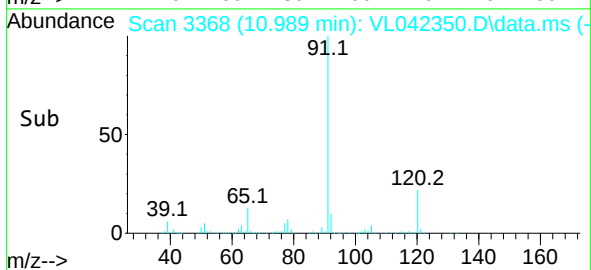
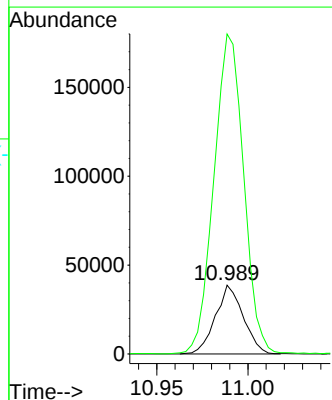
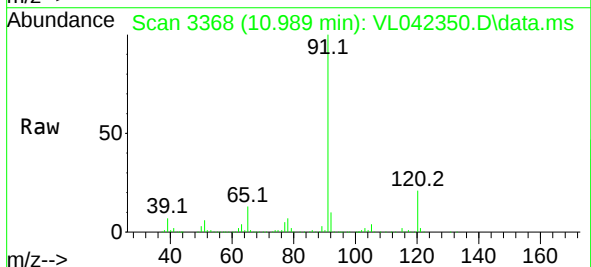
Manual Integrations
APPROVED

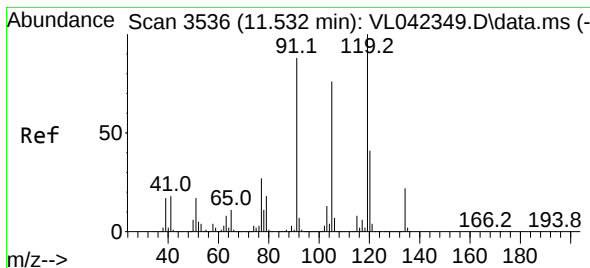
Reviewed By :Semsettin Yesilyurt 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#64
n-propylbenzene
Concen: 2.058 ppbv
RT: 10.989 min Scan# 3368
Delta R.T. -0.000 min
Lab File: VL042350.D
Acq: 17 Apr 2025 10:17

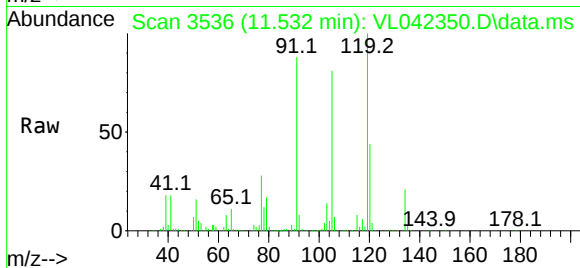
Tgt Ion:120 Resp: 40956
Ion Ratio Lower Upper
120 100
91 502.0 392.4 588.6





#65
tert-Butylbenzene
Concen: 2.135 ppbv
RT: 11.532 min Scan# 3536
Delta R.T. -0.000 min
Lab File: VL042350.D
Acq: 17 Apr 2025 10:17

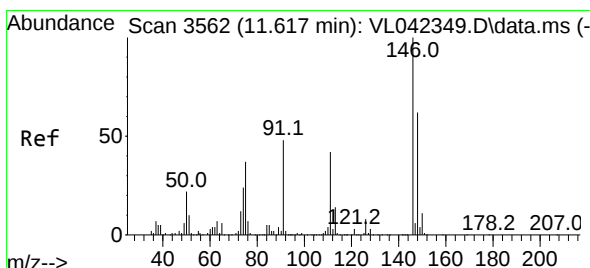
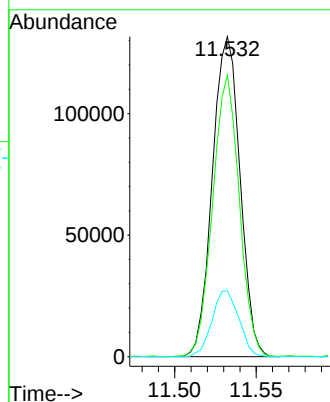
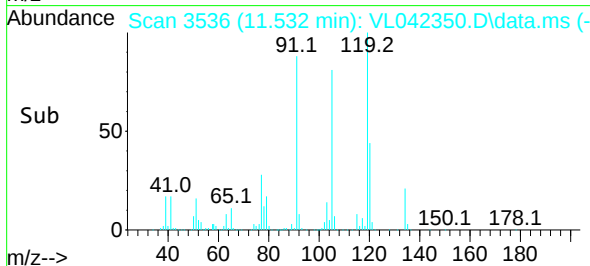
Instrument : MSVOA_L
ClientSampleId : VSTDIC002



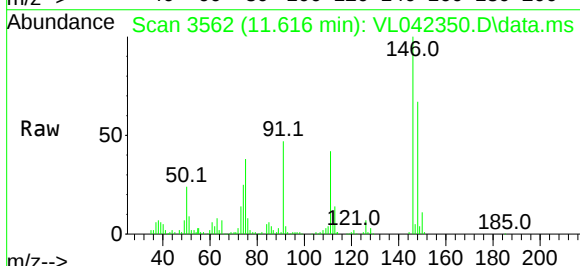
Tgt Ion: 119 Resp: 15540
Ion Ratio Lower Upper
119 100
91 85.0 74.6 111.8
134 20.1 18.8 28.2

Manual Integrations
APPROVED

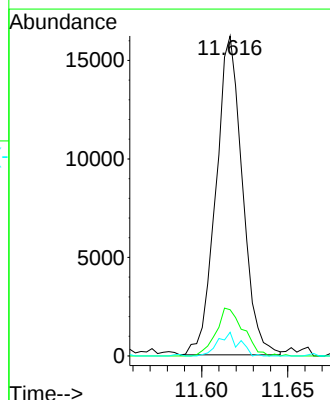
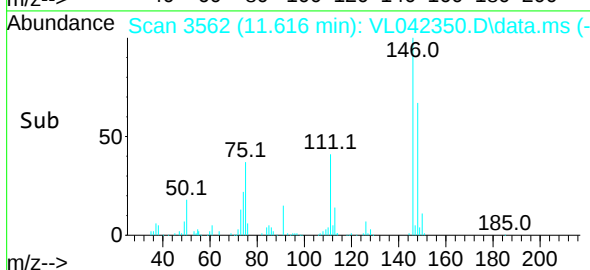
Reviewed By :Semsettin Yesilyurt 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025

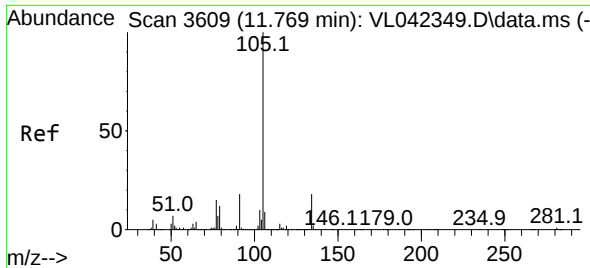


#66
Benzyl Chloride
Concen: 2.163 ppbv
RT: 11.616 min Scan# 3562
Delta R.T. -0.000 min
Lab File: VL042350.D
Acq: 17 Apr 2025 10:17



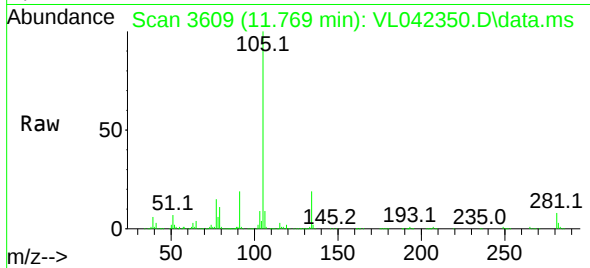
Tgt Ion: 91 Resp: 17300
Ion Ratio Lower Upper
91 100
126 15.6 11.8 17.6
128 6.1 4.5 6.7





#67
 sec-Butylbenzene
 Concen: 2.156 ppbv
 RT: 11.769 min Scan# 3609
 Delta R.T. -0.000 min
 Lab File: VL042350.D
 Acq: 17 Apr 2025 10:17

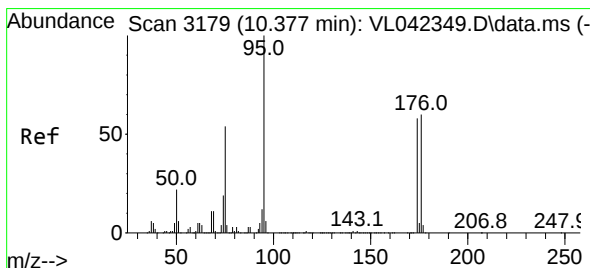
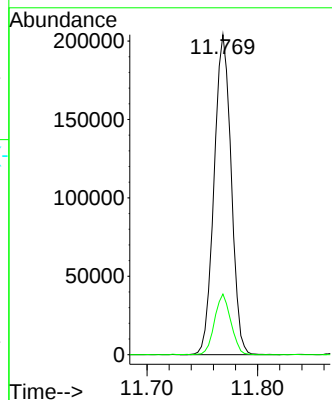
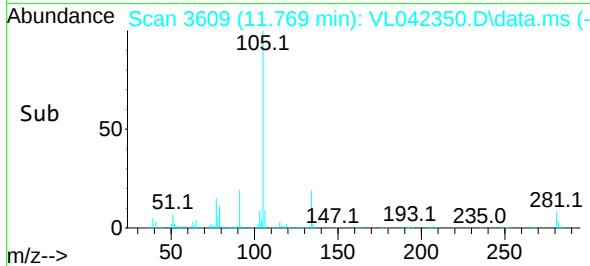
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002



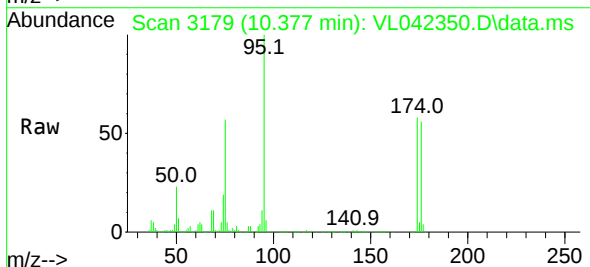
Tgt Ion: 105 Resp: 21832
 Ion Ratio Lower Upper
 105 100
 134 18.1 14.6 21.8

Manual Integrations
 APPROVED

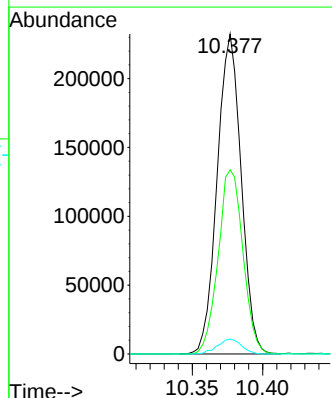
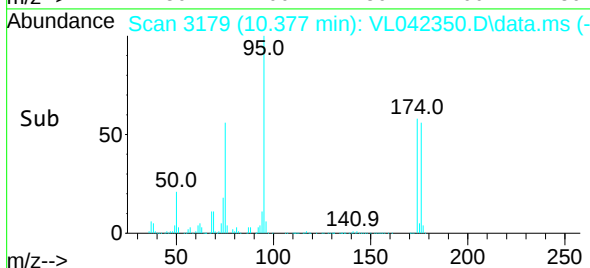
Reviewed By : Semsettin Yesilyurt 04/18/2025
 Supervised By : Mahesh Dadoda 04/18/2025

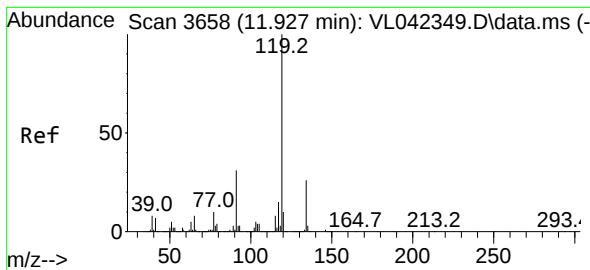


#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.998 ppbv
 RT: 10.377 min Scan# 3179
 Delta R.T. -0.000 min
 Lab File: VL042350.D
 Acq: 17 Apr 2025 10:17



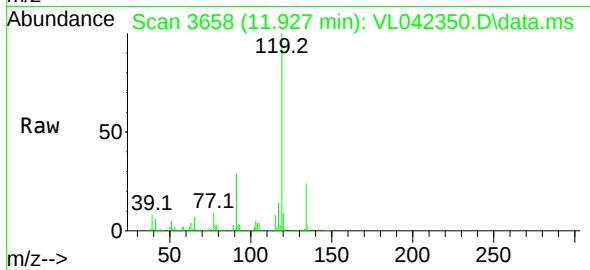
Tgt Ion: 95 Resp: 275715
 Ion Ratio Lower Upper
 95 100
 174 59.6 48.5 72.7
 175 4.7 3.7 5.5





#69
p-Isopropyltoluene
Concen: 2.145 ppbv
RT: 11.927 min Scan# 3658
Delta R.T. -0.000 min
Lab File: VL042350.D
Acq: 17 Apr 2025 10:17

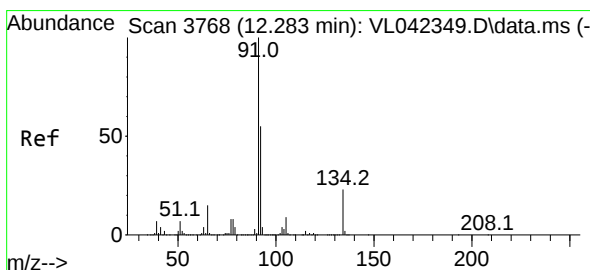
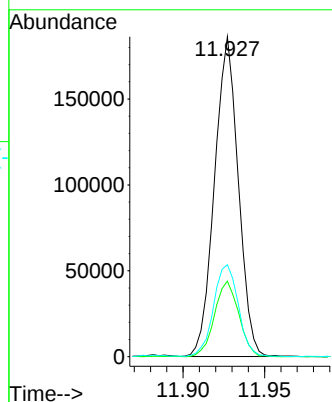
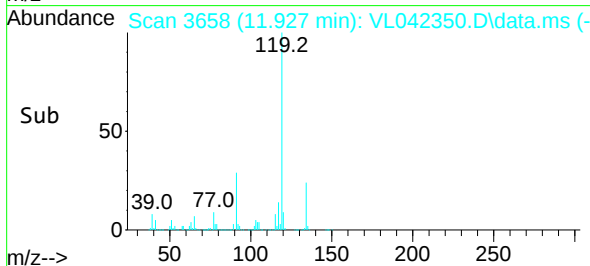
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



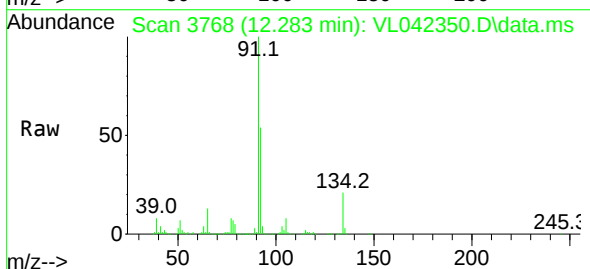
Tgt Ion: 119 Resp: 18865
Ion Ratio Lower Upper
119 100
134 24.2 20.0 30.0
91 30.8 24.4 36.6

Manual Integrations
APPROVED

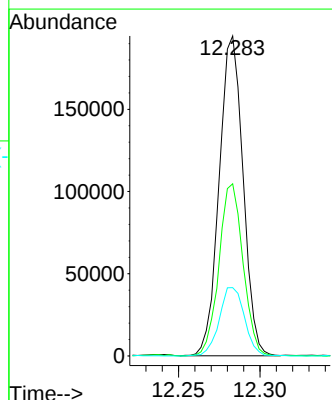
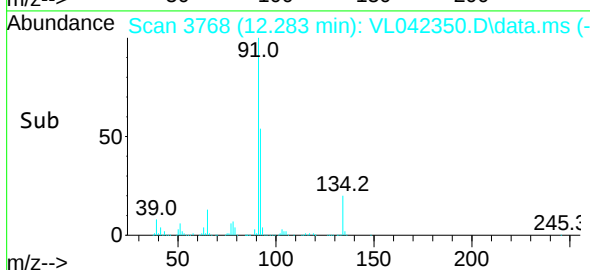
Reviewed By :Semsettin Yesilyurt 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025

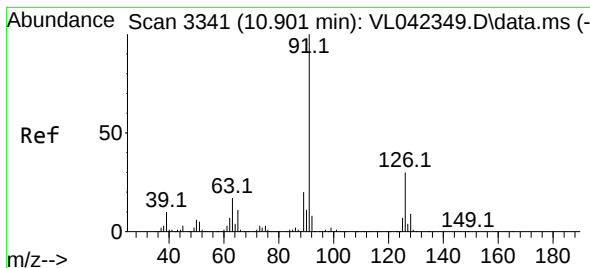


#70
n-Butylbenzene
Concen: 2.164 ppbv
RT: 12.283 min Scan# 3768
Delta R.T. -0.000 min
Lab File: VL042350.D
Acq: 17 Apr 2025 10:17



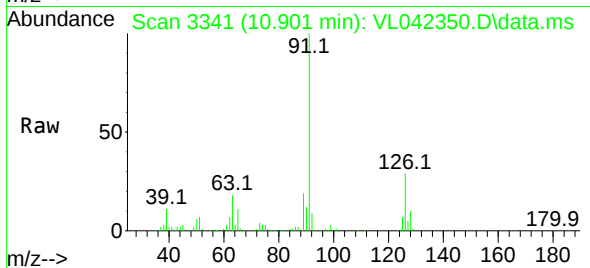
Tgt Ion: 91 Resp: 198221
Ion Ratio Lower Upper
91 100
92 54.4 44.2 66.4
134 22.6 18.2 27.4





#71
2-Chlorotoluene
Concen: 2.075 ppbv
RT: 10.901 min Scan# 3341
Delta R.T. -0.000 min
Lab File: VL042350.D
Acq: 17 Apr 2025 10:17

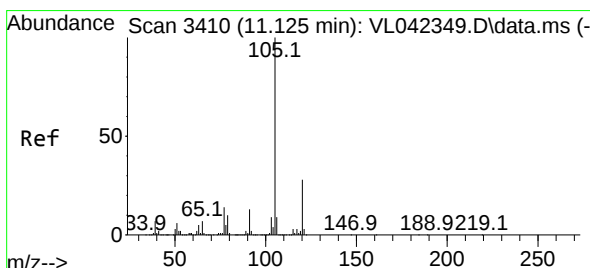
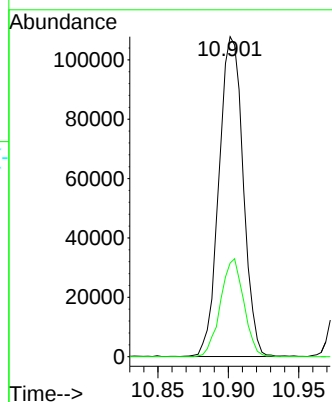
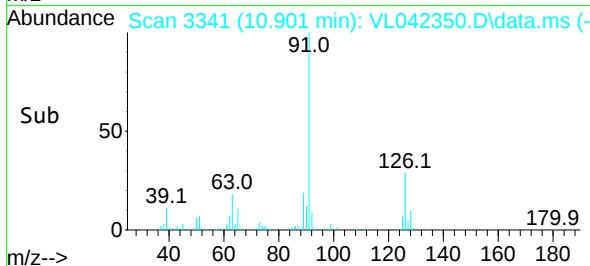
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



Tgt Ion: 91 Resp: 128858
Ion Ratio Lower Upper
91 100
126 29.5 11.4 45.4

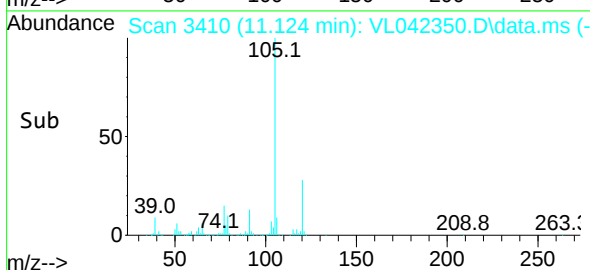
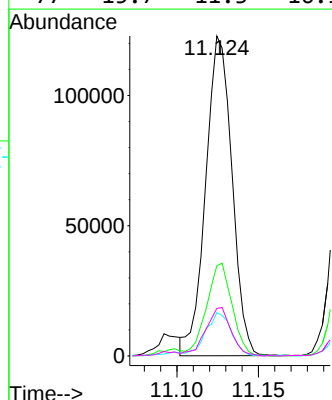
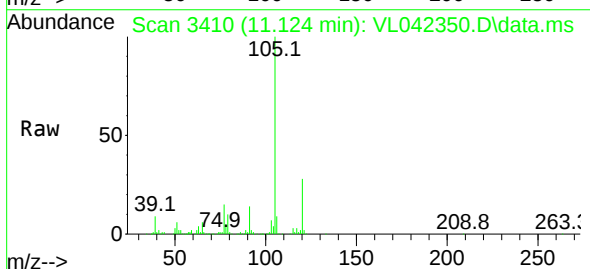
Manual Integrations
APPROVED

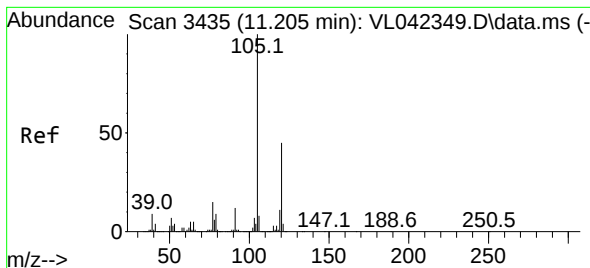
Reviewed By :Semsettin Yesilyurt 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#72
4-Ethyltoluene
Concen: 2.091 ppbv
RT: 11.124 min Scan# 3410
Delta R.T. -0.000 min
Lab File: VL042350.D
Acq: 17 Apr 2025 10:17

Tgt Ion:105 Resp: 137872
Ion Ratio Lower Upper
105 100
120 30.1 23.2 34.8
91 14.4 10.4 15.6
77 15.7 11.3 16.9





#73

1,3,5-Trimethylbenzene

Concen: 2.123 ppbv

RT: 11.205 min Scan# 3435

Delta R.T. -0.000 min

Lab File: VL042350.D

Acq: 17 Apr 2025 10:17

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC002

Tgt Ion:105 Resp: 123580

Ion Ratio Lower Upper

105 100

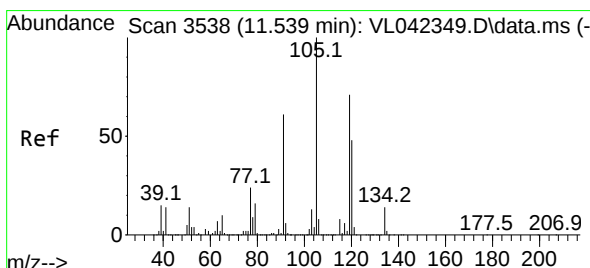
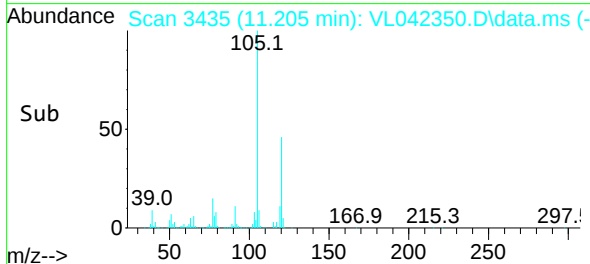
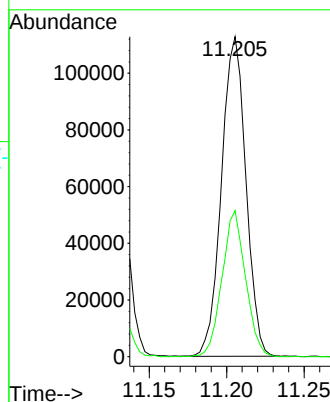
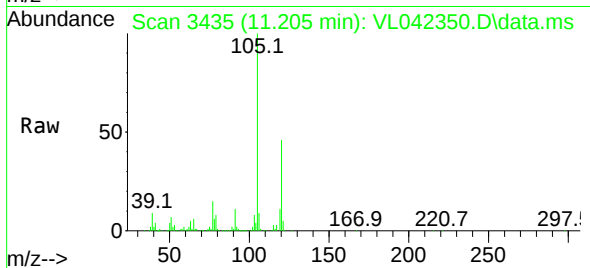
120 45.7 35.6 53.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/18/2025

Supervised By :Mahesh Dadoda 04/18/2025



#74

1,2,4-Trimethylbenzene

Concen: 2.140 ppbv

RT: 11.539 min Scan# 3538

Delta R.T. -0.000 min

Lab File: VL042350.D

Acq: 17 Apr 2025 10:17

Tgt Ion:105 Resp: 145510

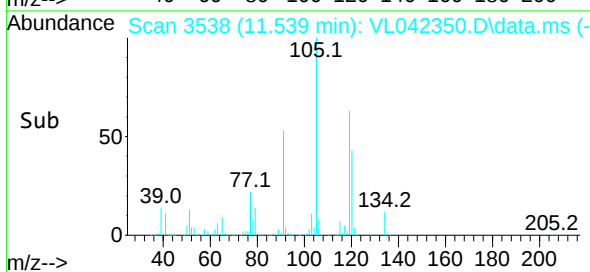
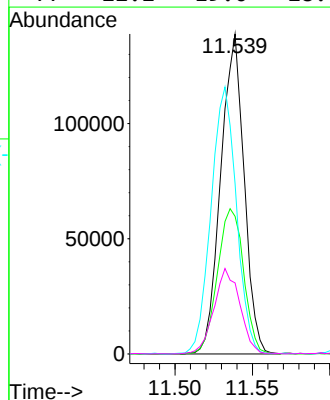
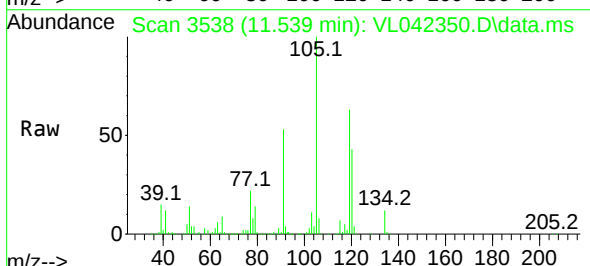
Ion Ratio Lower Upper

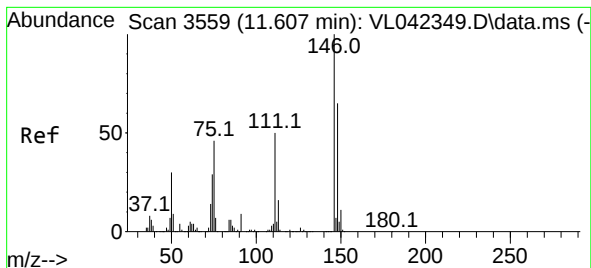
105 100

120 43.0 38.1 57.1

91 53.1 48.8 73.2

77 22.2 19.0 28.4





#75

1,3-Dichlorobenzene

Concen: 2.124 ppbv

RT: 11.607 min Scan# 3559

Delta R.T. -0.000 min

Lab File: VL042350.D

Acq: 17 Apr 2025 10:17

Instrument :

MSVOA_L

ClientSampleId :

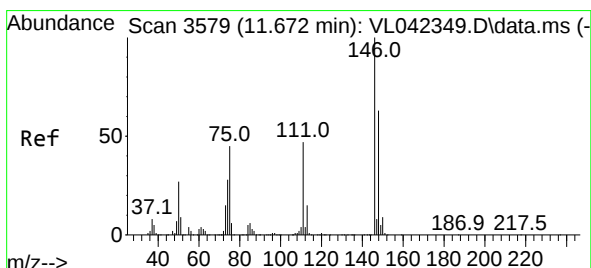
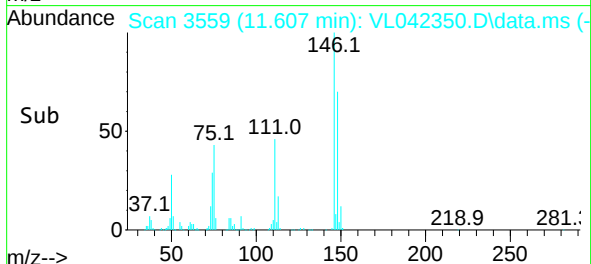
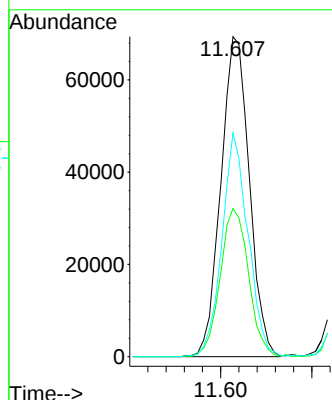
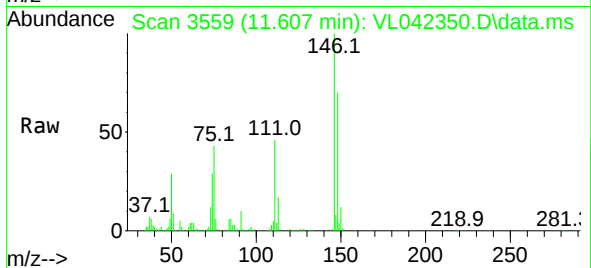
VSTDICC002

Tgt Ion:	146	Resp:	7508
Ion Ratio	Lower	Upper	
146	100		
111	46.3	24.3	72.8
148	64.3	31.6	94.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#76

1,4-Dichlorobenzene

Concen: 2.120 ppbv

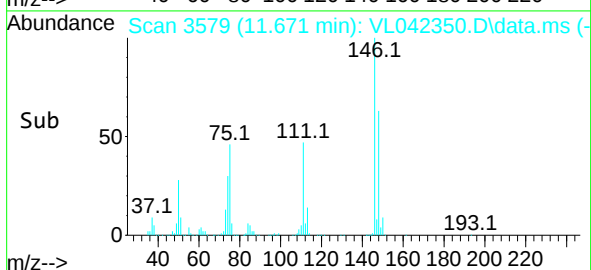
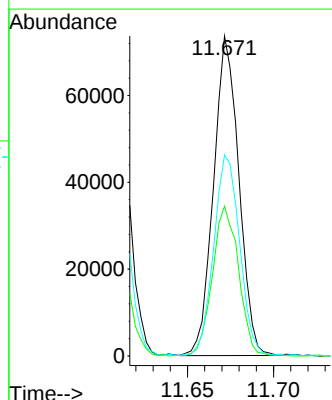
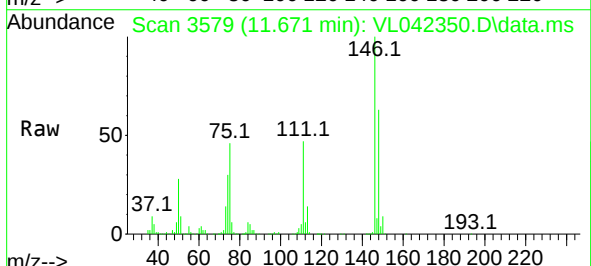
RT: 11.671 min Scan# 3579

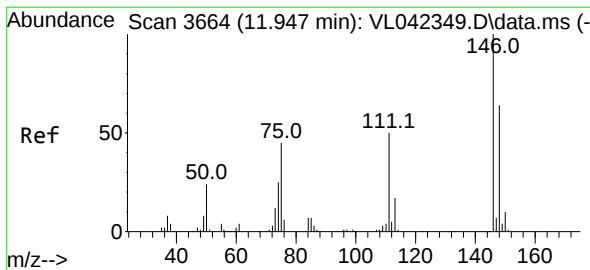
Delta R.T. -0.000 min

Lab File: VL042350.D

Acq: 17 Apr 2025 10:17

Tgt Ion:	146	Resp:	75323
Ion Ratio	Lower	Upper	
146	100		
111	48.4	24.2	72.6
148	65.1	32.1	96.5





#77

1,2-Dichlorobenzene

Concen: 2.176 ppbv

RT: 11.947 min Scan# 3664

Delta R.T. -0.000 min

Lab File: VL042350.D

Acq: 17 Apr 2025 10:17

Instrument :

MSVOA_L

ClientSampleId :

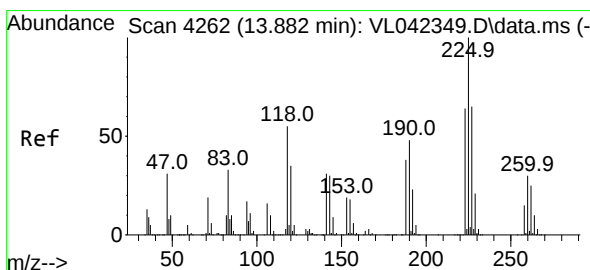
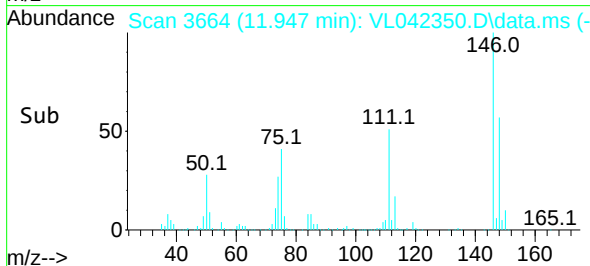
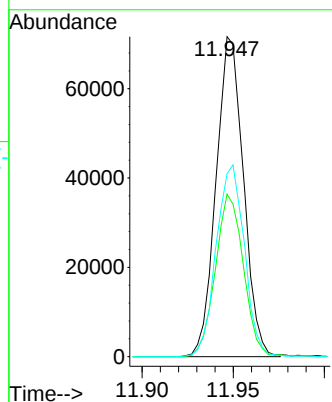
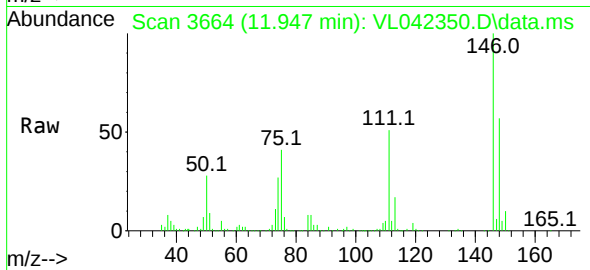
VSTDICC002

Tgt Ion:146	Resp:	74780
Ion Ratio	Lower	Upper
146	100	
111	52.0	25.3 75.9
148	61.8	31.5 94.5

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#78

Hexachloro-1,3-Butadiene

Concen: 2.194 ppbv

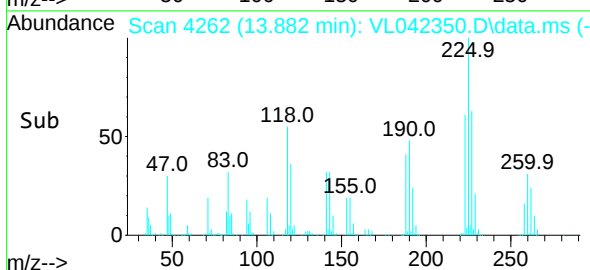
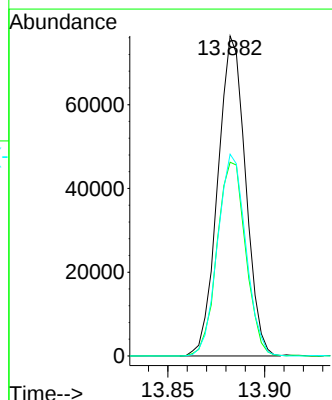
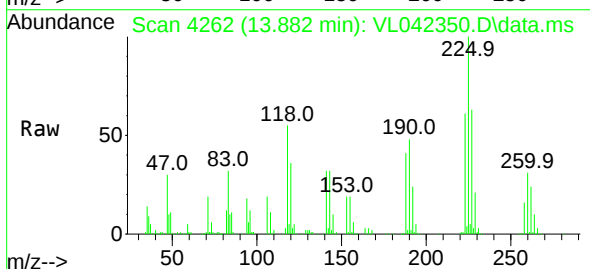
RT: 13.882 min Scan# 4262

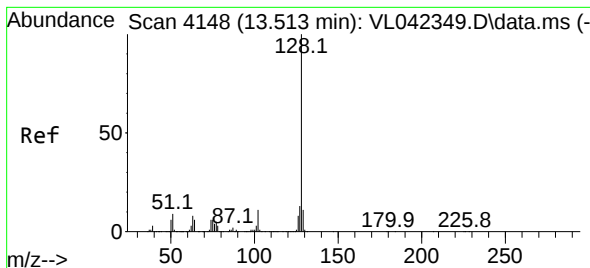
Delta R.T. -0.000 min

Lab File: VL042350.D

Acq: 17 Apr 2025 10:17

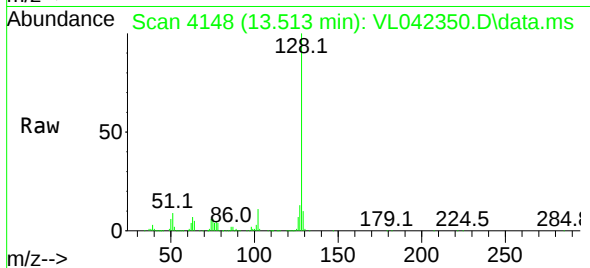
Tgt Ion:225	Resp:	76158
Ion Ratio	Lower	Upper
225	100	
223	62.6	50.3 75.5
227	64.1	51.5 77.3





#79
Naphthalene
Concen: 2.401 ppbv
RT: 13.513 min Scan# 4148
Delta R.T. -0.000 min
Lab File: VL042350.D
Acq: 17 Apr 2025 10:17

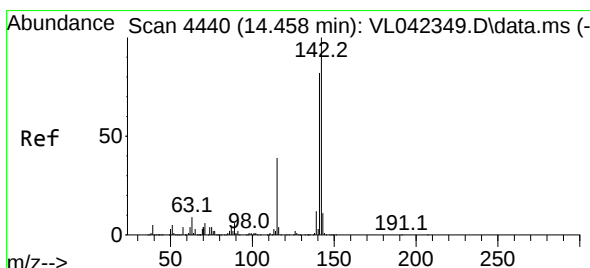
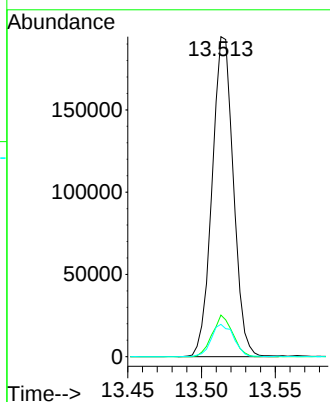
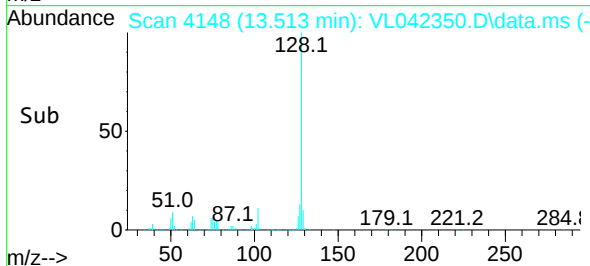
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



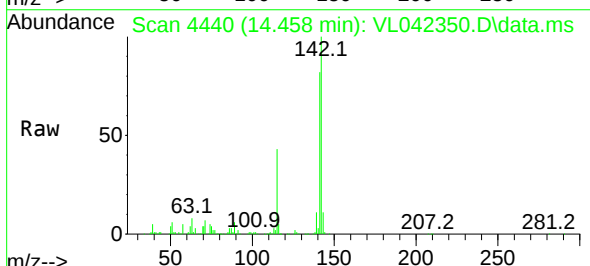
Tgt Ion:128 Resp: 195233
Ion Ratio Lower Upper
128 100
127 13.0 10.6 15.8
129 10.1 8.6 12.8

Manual Integrations
APPROVED

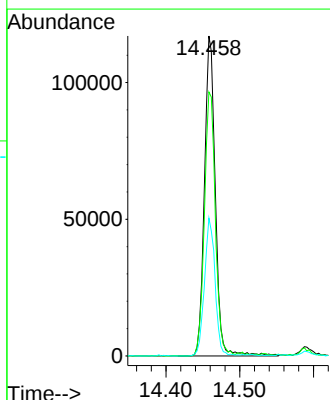
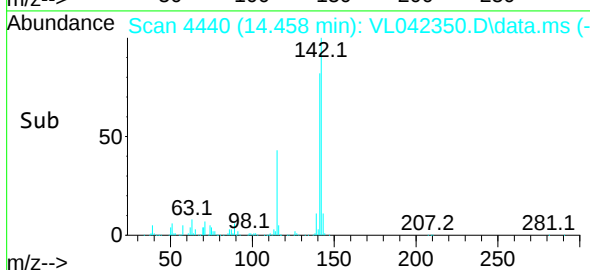
Reviewed By :Semsettin Yesilyurt 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025

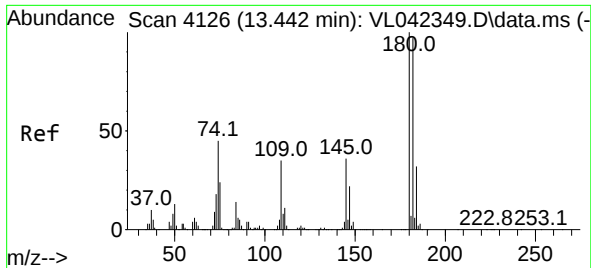


#80
Naphthalene,2-methyl-
Concen: 2.574 ppbv
RT: 14.458 min Scan# 4440
Delta R.T. -0.000 min
Lab File: VL042350.D
Acq: 17 Apr 2025 10:17



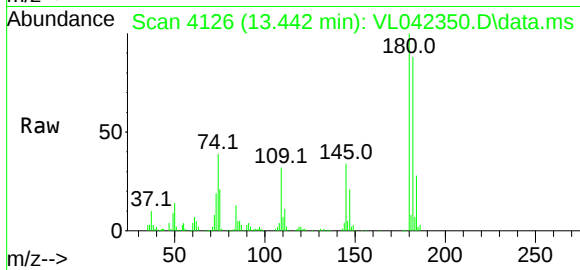
Tgt Ion:142 Resp: 119262
Ion Ratio Lower Upper
142 100
141 84.7 66.8 100.2
115 42.2 33.4 50.2





#81
 1,2,4-Trichlorobenzene
 Concen: 2.353 ppbv
 RT: 13.442 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VL042350.D
 Acq: 17 Apr 2025 10:17

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002



Tgt Ion:180 Resp: 82150
 Ion Ratio Lower Upper
 180 100
 182 95.1 76.8 115.2
 184 29.8 24.6 36.8

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 04/18/2025
 Supervised By :Mahesh Dadoda 04/18/2025

