

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL032525\
 Data File : VL042166.D
 Acq On : 25 Mar 2025 10:00
 Operator : SY/MD
 Sample : VSTDICC001
 Misc : 400mL/MSVOA_L
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC001

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/26/2025
 Supervised By :Mahesh Dadoda 03/26/2025

Quant Time: Mar 26 01:32:10 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL032525AIR.M

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

QLast Update : Wed Mar 26 01:29:19 2025

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.793	49	180324	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.968	114	436654	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.891	117	362926	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 10.383 95 294076 10.369 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 103.700%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.499	85	25686	1.291	ppbv	96
3) Chlorodifluoromethane	1.476	51	25683	0.982	ppbv	99
4) Chloromethane	1.534	50	8786	1.203	ppbv	98
5) Vinyl Chloride	1.583	62	7833	1.151	ppbv	97
6) Bromomethane	1.670	94	4670	1.411	ppbv	90
7) Chloroethane	1.706	64	3510	1.246	ppbv #	85
8) Dichlorotetrafluoroethane	1.557	85	19761	1.222	ppbv	98
9) Propene	1.486	41	9640	0.908	ppbv	92
10) Heptane	4.994	43	21750m	0.660	ppbv	
11) Trichlorofluoromethane	1.881	101	26102	1.313	ppbv	91
12) 1,1,2-Trichlorotrifluo...	2.143	101	20660	1.285	ppbv	100
13) Ethanol	1.725	45	696	1.003	ppbv #	9
14) Bromoethene	1.784	108	6990	1.259	ppbv	88
15) Acetone	1.839	43	23701	1.412	ppbv	95
16) 1,3-Butadiene	1.612	39	9337	1.198	ppbv	94
17) tert-Butyl alcohol	2.046	59	22520	1.115	ppbv	99
18) 1,1-Dichloroethene	2.036	96	8993	1.263	ppbv	94
19) Isopropyl Alcohol	1.890	45	11836	1.241	ppbv #	1
20) Methylene Chloride	2.062	84	8528	1.354	ppbv	88
21) Allyl Chloride	2.098	41	13950	1.159	ppbv	91
22) trans-1,2-Dichloroethene	2.347	96	10061	1.196	ppbv	96
23) Vinyl Acetate	2.466	43	6497m	0.606	ppbv	
24) 1,1-Dichloroethane	2.415	63	19489	1.244	ppbv #	93
25) Ethyl Acetate	2.845	43	54993	0.864	ppbv	99
26) Hexane	2.832	57	19803	0.776	ppbv	90
27) Carbon Disulfide	2.153	76	22696	1.219	ppbv #	80
28) Methyl tert-Butyl Ether	2.447	73	11594	0.880	ppbv	100
29) Chloroform	2.852	83	32652	0.940	ppbv	97
30) Cyclohexane	3.865	84	13017	0.639	ppbv	94
31) cis-1,2-Dichloroethene	2.729	61	18803	0.791	ppbv	96
32) 1,1,1-Trichloroethane	3.376	97	28739	0.868	ppbv	97
34) 2-Butanone	2.567	43	32544	0.946	ppbv	98
35) Carbon Tetrachloride	3.771	117	29498	0.968	ppbv	97
36) Benzene	3.664	78	40476	0.884	ppbv	97
37) 1,2-Dichloroethane	3.227	62	24591	0.965	ppbv	98
38) Trichloroethene	4.564	130	15693m	0.840	ppbv	
39) 1,2-Dichloropropane	4.324	63	15610	0.892	ppbv	94
40) 1,4-Dioxane	4.609	88	6481m	0.820	ppbv	
41) Tetrahydrofuran	3.068	42	14238	0.711	ppbv	99
42) Bromodichloromethane	4.502	83	33374	0.970	ppbv	95
43) Methyl Methacrylate	4.900	69	11613m	0.663	ppbv	
44) 2,2,4-Trimethylpentane	4.654	57	64335	0.787	ppbv	95
45) t-1,3-Dichloropropene	6.431	75	11565m	0.680	ppbv	

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Instrument :
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Manual Integrations
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Reviewed By :Semsettin Yesilyurt 03/26/2025
 Supervised By :Mahesh Dadoda 03/26/2025

Quant Time: Mar 26 01:32:10 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL032525AIR.M

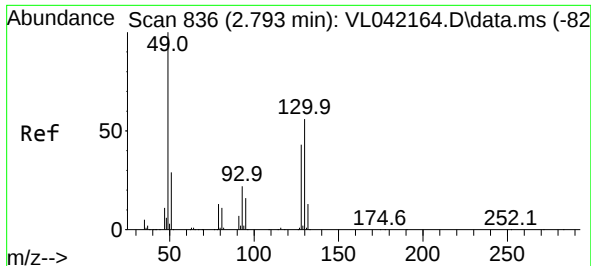
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 2

QLast Update : Wed Mar 26 01:29:19 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.616	75	15817m	0.713	ppbv	
47) 1,1,2-Trichloroethane	6.600	97	16906	0.943	ppbv	97
48) Dibromochloromethane	7.399	129	25968	0.936	ppbv	95
49) Bromoform	9.490	173	21094	0.870	ppbv	99
50) 4-Methyl-2-Pentanone	5.787	43	36620m	0.829	ppbv	
51) 2-Hexanone	7.461	43	25047	0.834	ppbv #	94
52) Tetrachloroethene	8.234	164	13624	0.872	ppbv	95
53) Toluene	6.949	91	30277	0.599	ppbv	98
54) 1,2-Dibromoethane	7.665	107	20541	0.862	ppbv	100
56) 1,1,1,2-Tetrachloroethane	8.933	131	22183	1.051	ppbv #	92
57) Chlorobenzene	8.933	112	37941	0.984	ppbv	95
58) Ethyl Benzene	9.364	91	39065	0.587	ppbv	99
59) m/p-Xylene	9.558	91	71171m	1.317	ppbv	
60) o-Xylene	9.972	91	35807	0.656	ppbv	98
61) Styrene	9.885	104	11960	0.482	ppbv	96
62) Isopropylbenzene	10.548	105	56889	0.697	ppbv	100
63) 1,1,2,2-Tetrachloroethane	9.969	83	37917	1.045	ppbv	99
64) n-propylbenzene	10.998	120	15310	0.708	ppbv	94
65) tert-Butylbenzene	11.539	119	54928	0.731	ppbv	96
66) Benzyl Chloride	11.623	91	4126	0.741	ppbv #	97
67) sec-Butylbenzene	11.775	105	83586	0.776	ppbv	99
69) p-Isopropyltoluene	11.934	119	63349	0.735	ppbv	99
70) n-Butylbenzene	12.290	91	67648	0.763	ppbv	95
71) 2-Chlorotoluene	10.911	91	39453	0.629	ppbv	98
72) 4-Ethyltoluene	11.134	105	42519	0.633	ppbv #	93
73) 1,3,5-Trimethylbenzene	11.212	105	41350	0.712	ppbv	99
74) 1,2,4-Trimethylbenzene	11.545	105	55469	0.836	ppbv	89
75) 1,3-Dichlorobenzene	11.613	146	36145	0.938	ppbv	97
76) 1,4-Dichlorobenzene	11.678	146	34191	0.893	ppbv	98
77) 1,2-Dichlorobenzene	11.956	146	41451	1.097	ppbv	99
78) Hexachloro-1,3-Butadiene	13.889	225	36548	1.224	ppbv	98
79) Naphthalene	13.520	128	45583	0.953	ppbv	98
80) Naphthalene,2-methyl-	14.465	142	13723	0.960	ppbv	99
81) 1,2,4-Trichlorobenzene	13.445	180	22899	0.869	ppbv	96

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



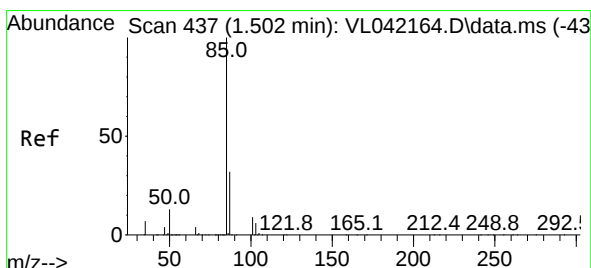
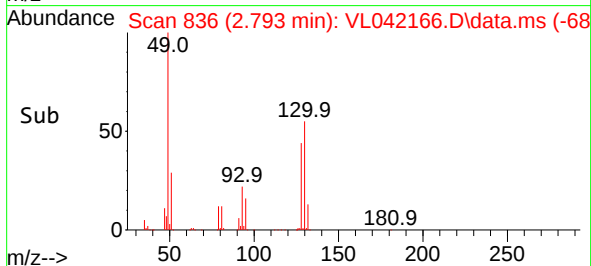
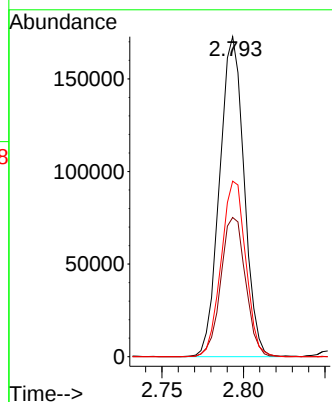
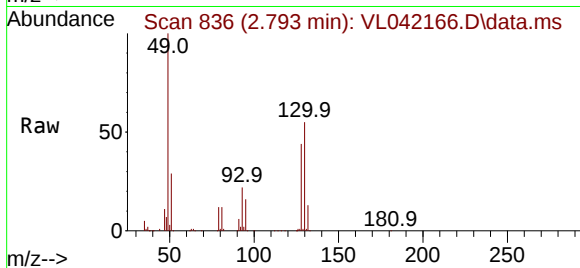
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Bromochloromethane
Concen: 10.000 ppbv
RT: 2.793 min Scan# 81
Delta R.T. 0.000 min
Lab File: VL042166.D
Acq: 25 Mar 2025 10:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tgt Ion: 49 Resp: 180324
Ion Ratio Lower Upper
49 100
128 44.0 21.5 64.5
130 55.0 27.3 81.9

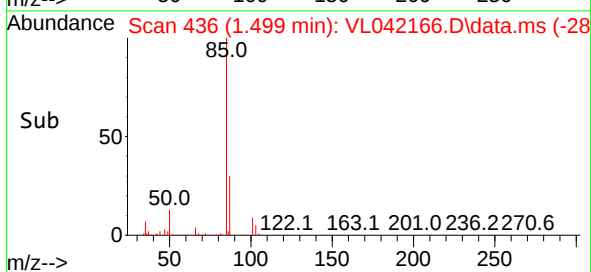
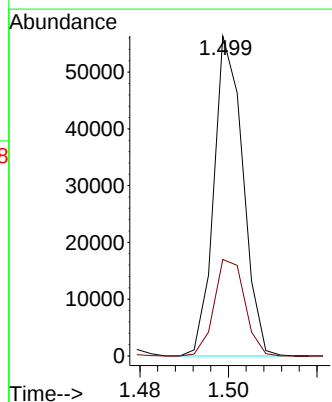
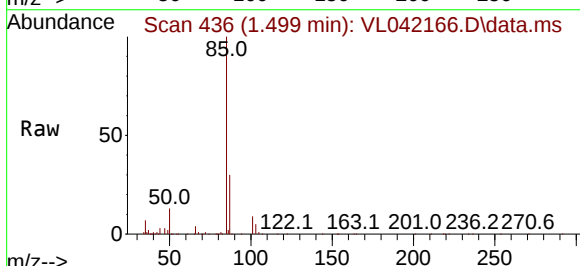
Manual Integrations
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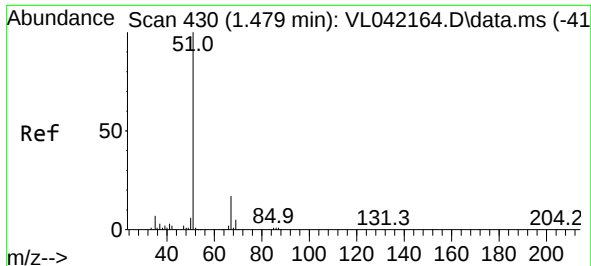
Reviewed By :Semsettin Yesilyurt 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#2
Dichlorodifluoromethane
Concen: 1.291 ppbv
RT: 1.499 min Scan# 436
Delta R.T. -0.003 min
Lab File: VL042166.D
Acq: 25 Mar 2025 10:00

Tgt Ion: 85 Resp: 25686
Ion Ratio Lower Upper
85 100
87 30.1 26.0 39.0





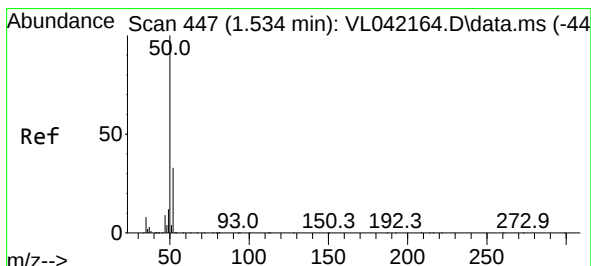
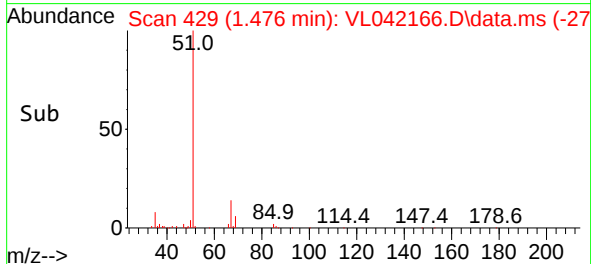
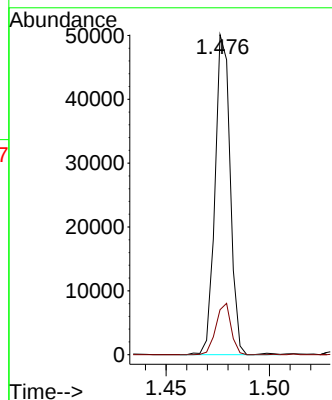
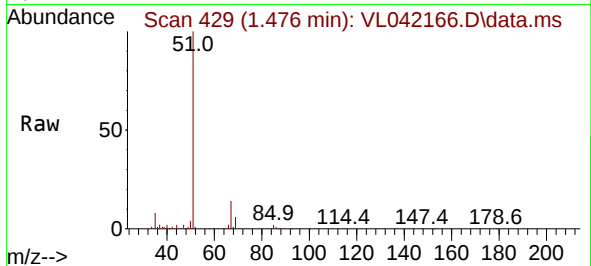
#3
Chlorodifluoromethane
Concen: 0.982 ppbv
RT: 1.476 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL042166.D
Acq: 25 Mar 2025 10:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tgt Ion: 51 Resp: 2568
Ion Ratio Lower Upper
51 100
67 16.0 13.3 19.9

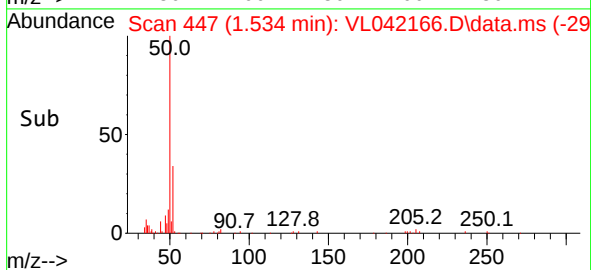
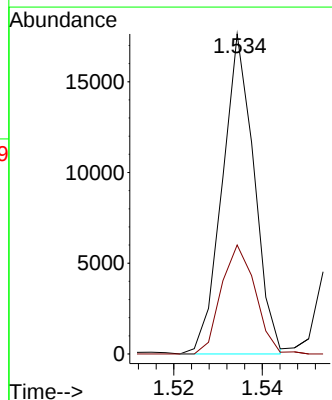
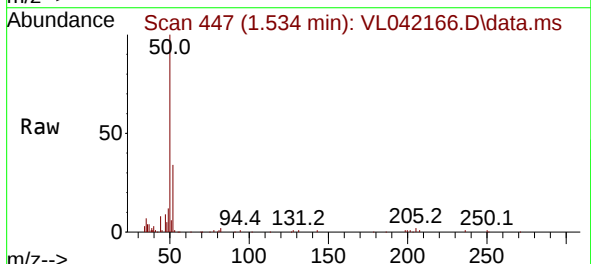
Manual Integrations
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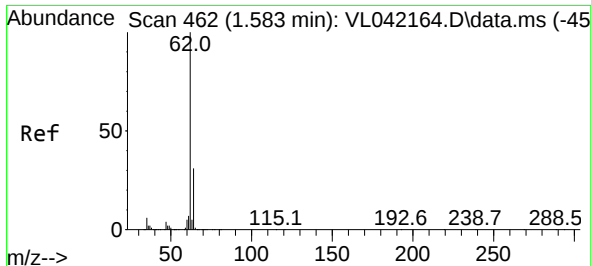
Reviewed By :Semsettin Yesilyurt 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#4
Chloromethane
Concen: 1.203 ppbv
RT: 1.534 min Scan# 447
Delta R.T. 0.000 min
Lab File: VL042166.D
Acq: 25 Mar 2025 10:00

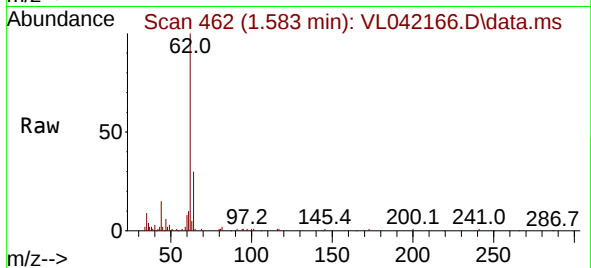
Tgt Ion: 50 Resp: 8786
Ion Ratio Lower Upper
50 100
52 34.0 26.4 39.6





#5
 Vinyl Chloride
 Concen: 1.151 ppbv
 RT: 1.583 min Scan# 462
 Delta R.T. 0.000 min
 Lab File: VL042166.D
 Acq: 25 Mar 2025 10:00

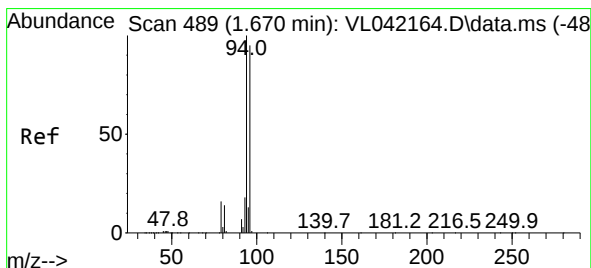
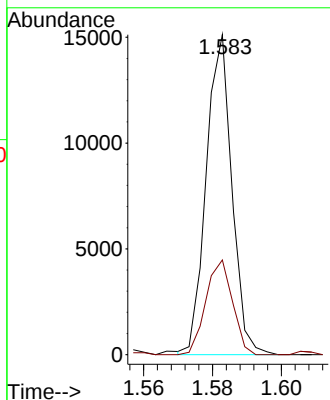
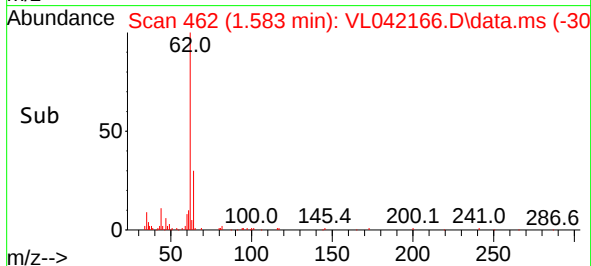
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001



Tgt Ion: 62 Resp: 783
 Ion Ratio Lower Upper
 62 100
 64 29.6 24.8 37.2

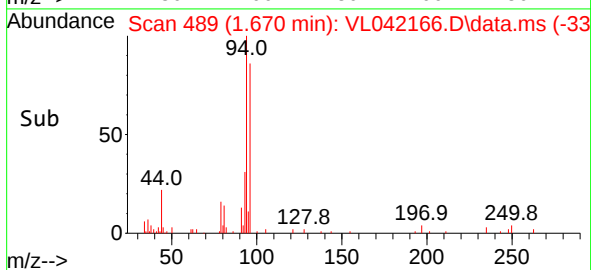
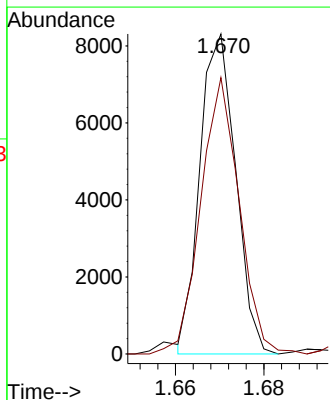
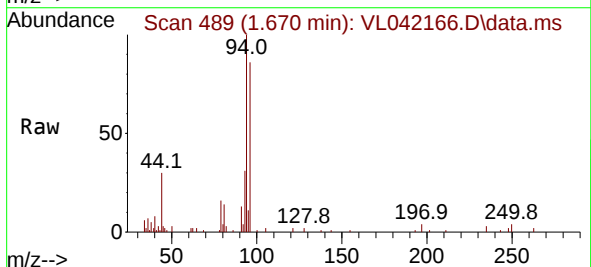
Manual Integrations
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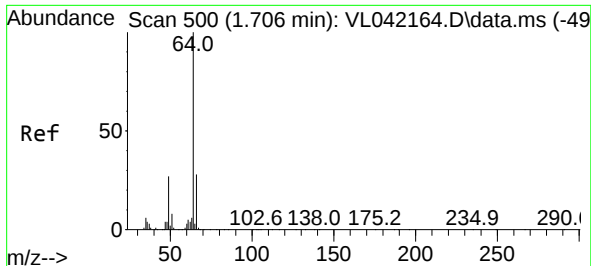
Reviewed By :Semsettin Yesilyurt 03/26/2025
 Supervised By :Mahesh Dadoda 03/26/2025



#6
 Bromomethane
 Concen: 1.411 ppbv
 RT: 1.670 min Scan# 489
 Delta R.T. 0.000 min
 Lab File: VL042166.D
 Acq: 25 Mar 2025 10:00

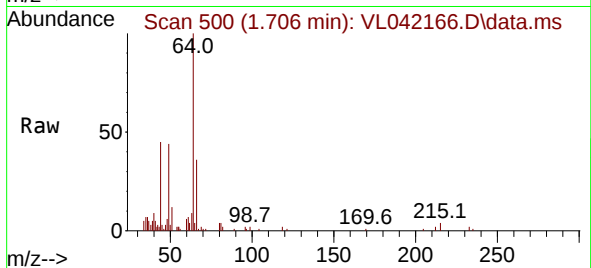
Tgt Ion: 94 Resp: 4670
 Ion Ratio Lower Upper
 94 100
 96 85.1 75.8 113.6





#7
Chloroethane
Concen: 1.246 ppbv
RT: 1.706 min Scan# 500
Delta R.T. 0.000 min
Lab File: VL042166.D
Acq: 25 Mar 2025 10:00

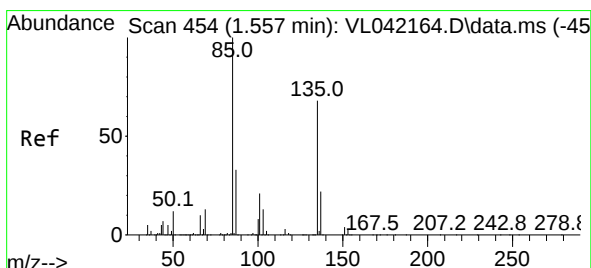
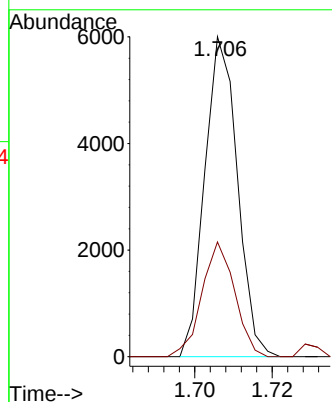
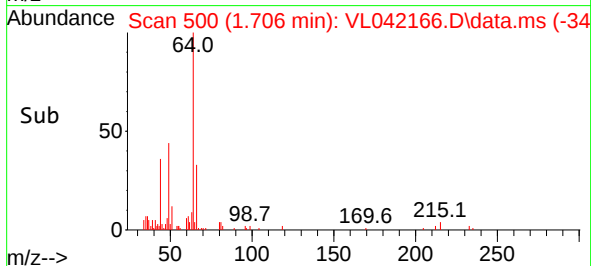
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001



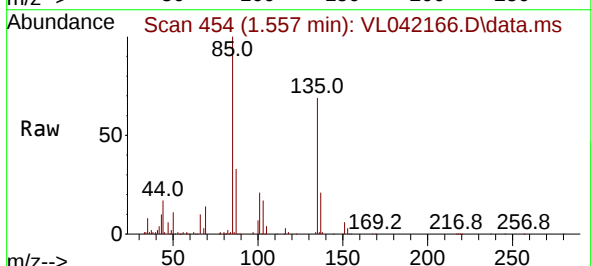
Tgt Ion: 64 Resp: 3510
Ion Ratio Lower Upper
64 100
66 35.8 22.2 33.4

Manual Integrations
APPROVED

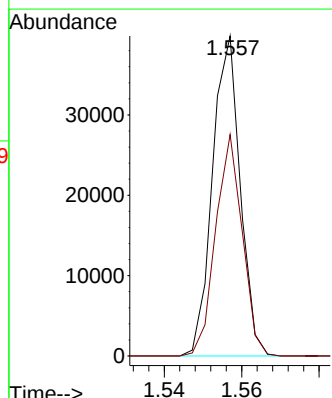
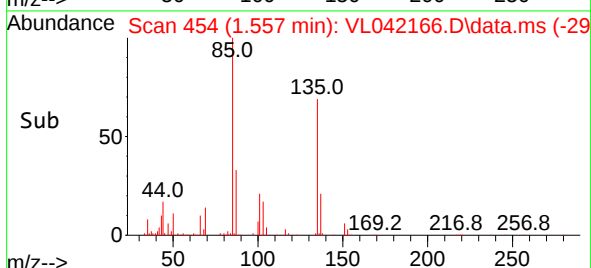
Reviewed By :Semsettin Yesilyurt 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025

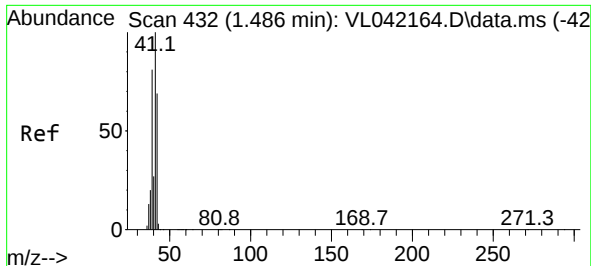


#8
Dichlorotetrafluoroethane
Concen: 1.222 ppbv
RT: 1.557 min Scan# 454
Delta R.T. 0.000 min
Lab File: VL042166.D
Acq: 25 Mar 2025 10:00



Tgt Ion: 85 Resp: 19761
Ion Ratio Lower Upper
85 100
135 66.6 54.3 81.5





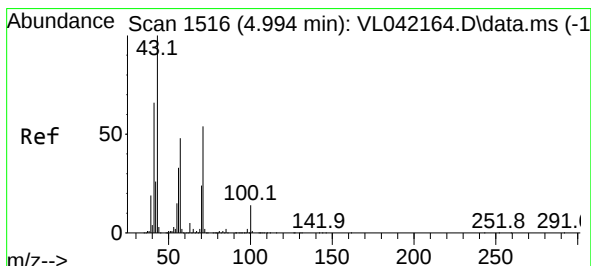
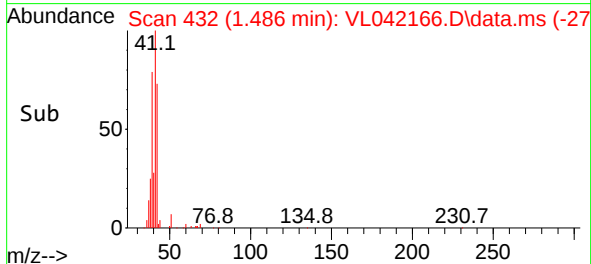
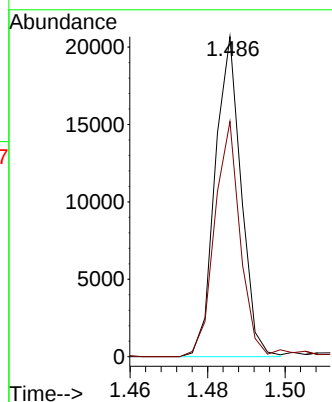
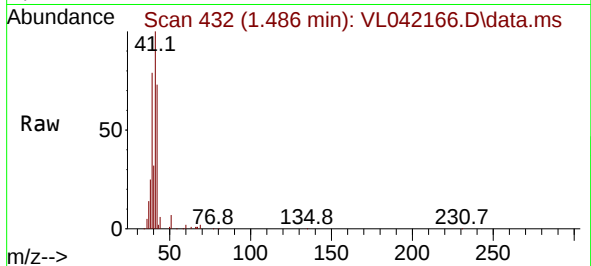
#9
 Propene
 Concen: 0.908 ppbv
 RT: 1.486 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VL042166.D
 Acq: 25 Mar 2025 10:00

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001

Tgt Ion: 41 Resp: 9640
 Ion Ratio Lower Upper
 41 100
 42 76.3 55.9 83.9

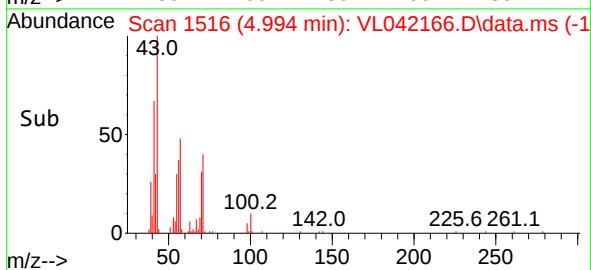
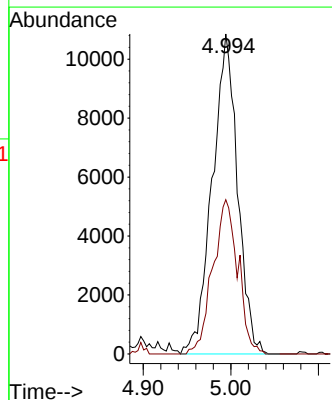
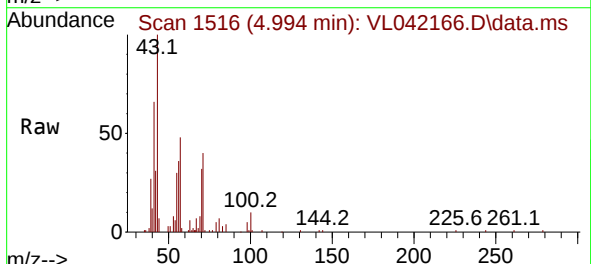
Manual Integrations
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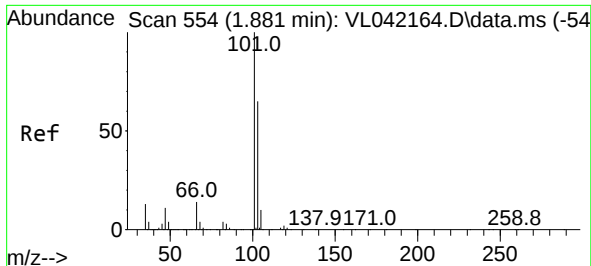
Reviewed By :Semsettin Yesilyurt 03/26/2025
 Supervised By :Mahesh Dadoda 03/26/2025



#10
 Heptane
 Concen: 0.660 ppbv m
 RT: 4.994 min Scan# 1516
 Delta R.T. 0.000 min
 Lab File: VL042166.D
 Acq: 25 Mar 2025 10:00

Tgt Ion: 43 Resp: 21750
 Ion Ratio Lower Upper
 43 100
 57 48.0 38.3 57.5





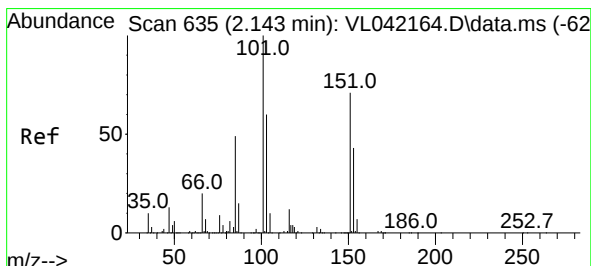
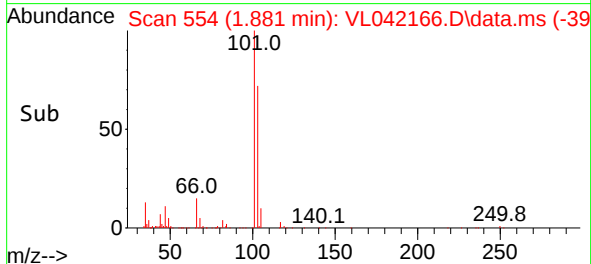
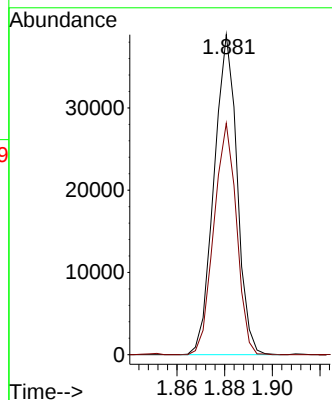
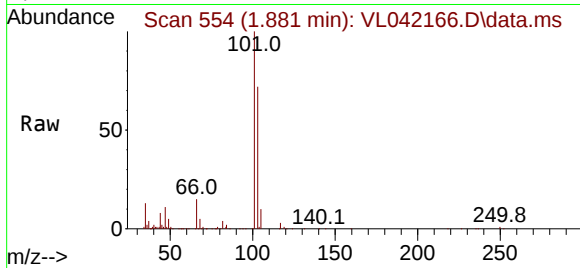
#11
 Trichlorofluoromethane
 Concen: 1.313 ppbv
 RT: 1.881 min Scan# 511
 Delta R.T. 0.000 min
 Lab File: VL042166.D
 Acq: 25 Mar 2025 10:00

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001

Tgt Ion:101 Resp: 2610
 Ion Ratio Lower Upper
 101 100
 103 72.3 51.9 77.9

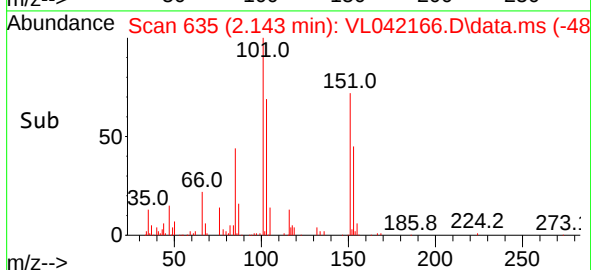
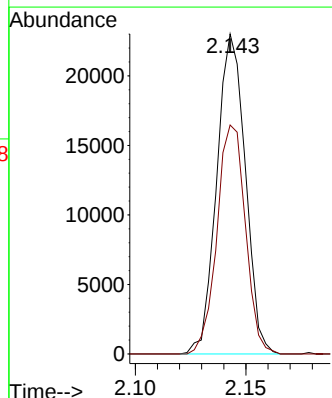
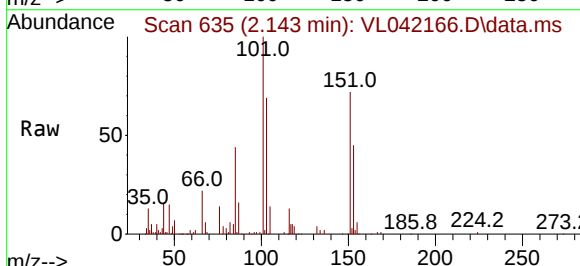
Manual Integrations
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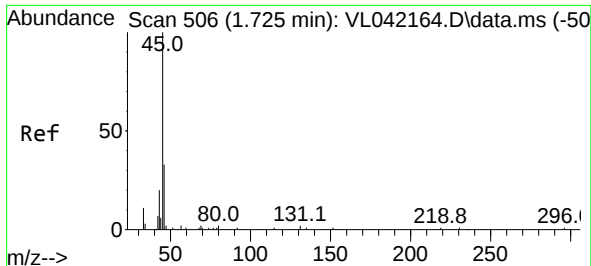
Reviewed By :Semsettin Yesilyurt 03/26/2025
 Supervised By :Mahesh Dadoda 03/26/2025



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 1.285 ppbv
 RT: 2.143 min Scan# 635
 Delta R.T. 0.000 min
 Lab File: VL042166.D
 Acq: 25 Mar 2025 10:00

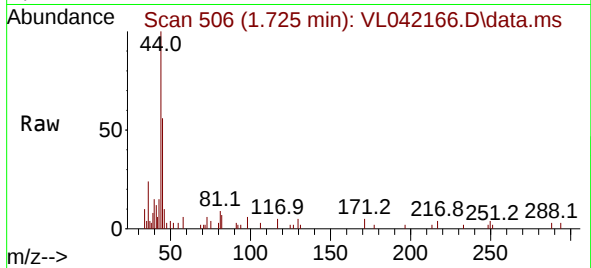
Tgt Ion:101 Resp: 20660
 Ion Ratio Lower Upper
 101 100
 151 71.3 57.0 85.4





#13
Ethanol
Concen: 1.003 ppbv
RT: 1.725 min Scan# 506
Delta R.T. 0.000 min
Lab File: VL042166.D
Acq: 25 Mar 2025 10:00

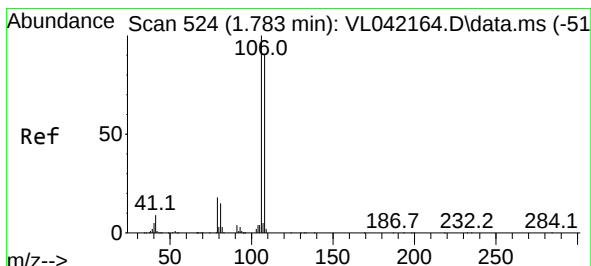
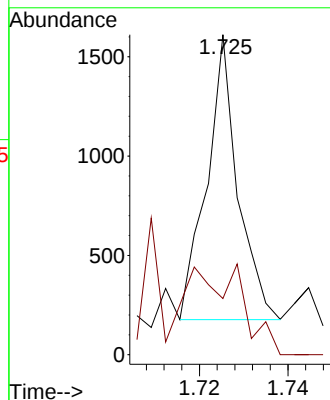
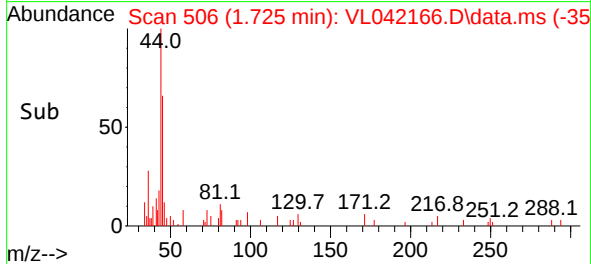
Instrument :
MSVOA_L
Client Sample Id :
VSTDIC001



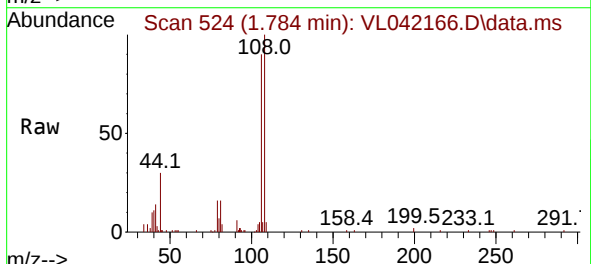
Tgt Ion: 45 Resp: 690
Ion Ratio Lower Upper
45 100
46 97.1 16.3 65.1

Manual Integrations
APPROVED

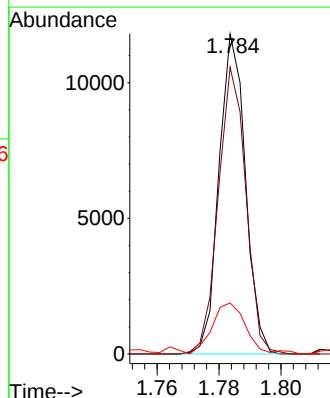
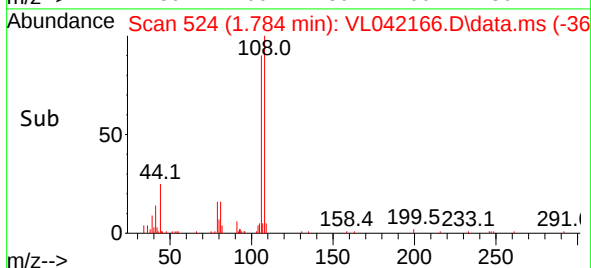
Reviewed By :Semsettin Yesilyurt 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025

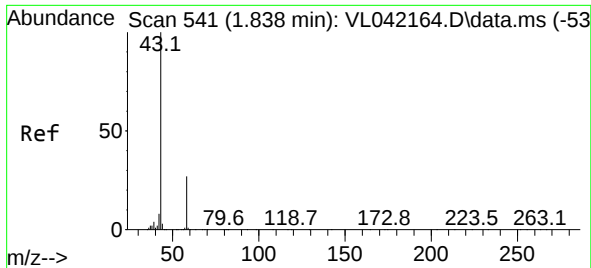


#14
Bromoethene
Concen: 1.259 ppbv
RT: 1.784 min Scan# 524
Delta R.T. 0.000 min
Lab File: VL042166.D
Acq: 25 Mar 2025 10:00



Tgt Ion:108 Resp: 6990
Ion Ratio Lower Upper
108 100
106 93.3 85.8 128.8
79 21.4 15.5 23.3





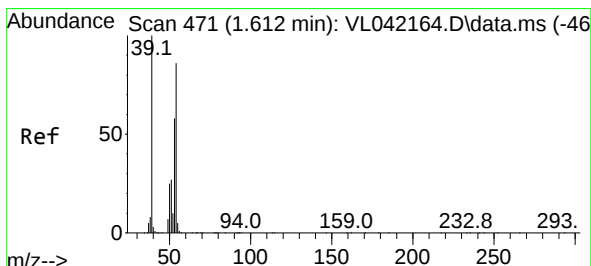
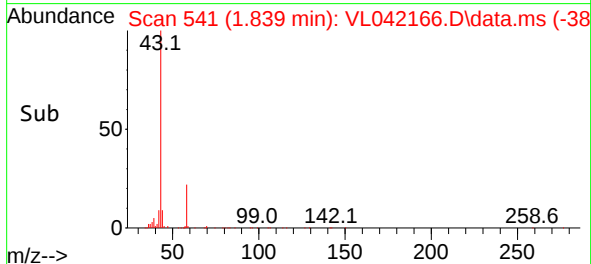
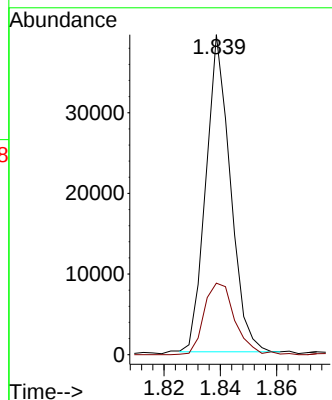
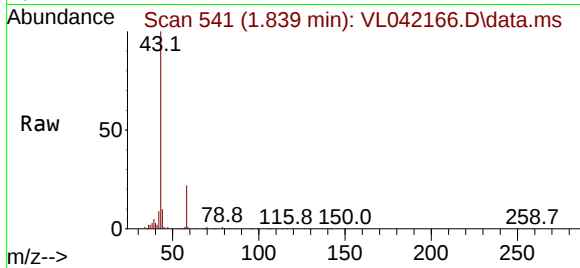
#15
Acetone
Concen: 1.412 ppbv
RT: 1.839 min Scan# 541
Delta R.T. 0.000 min
Lab File: VL042166.D
Acq: 25 Mar 2025 10:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tgt Ion: 43 Resp: 2370
Ion Ratio Lower Upper
43 100
58 28.7 20.9 31.3

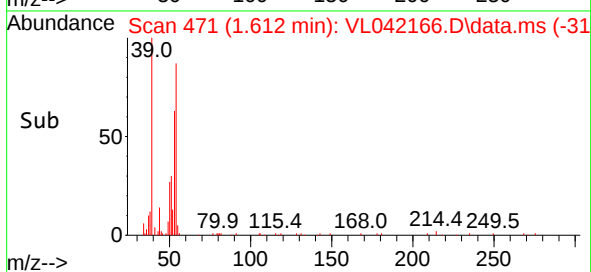
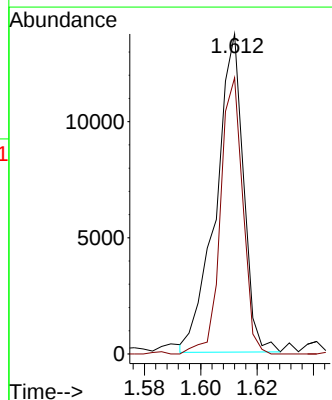
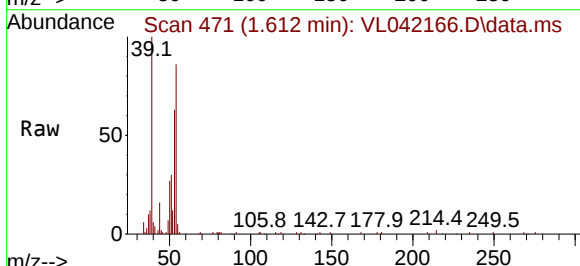
Manual Integrations
APPROVED

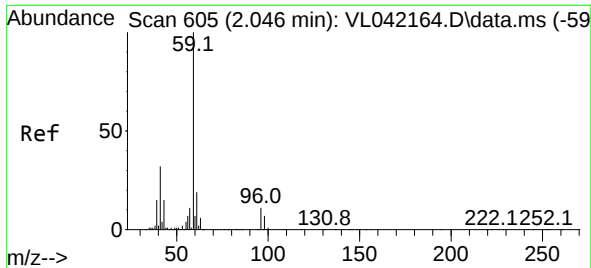
Reviewed By :Semsettin Yesilyurt 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#16
1,3-Butadiene
Concen: 1.198 ppbv
RT: 1.612 min Scan# 471
Delta R.T. 0.000 min
Lab File: VL042166.D
Acq: 25 Mar 2025 10:00

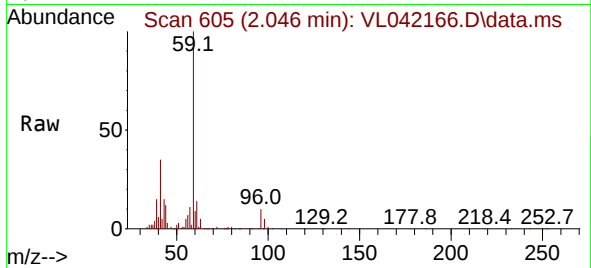
Tgt Ion: 39 Resp: 9337
Ion Ratio Lower Upper
39 100
54 69.9 60.0 90.0





#17
tert-Butyl alcohol
Concen: 1.115 ppbv
RT: 2.046 min Scan# 605
Delta R.T. 0.000 min
Lab File: VL042166.D
Acq: 25 Mar 2025 10:00

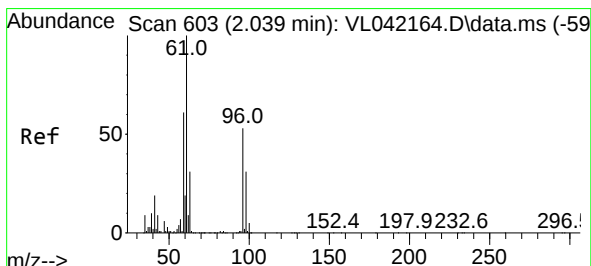
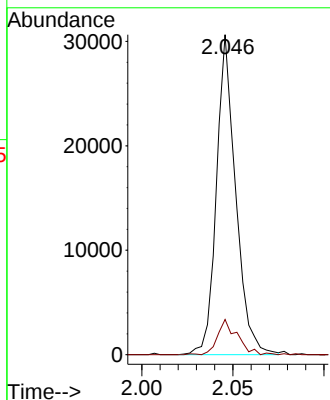
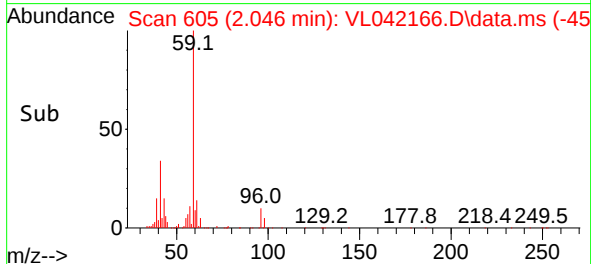
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001



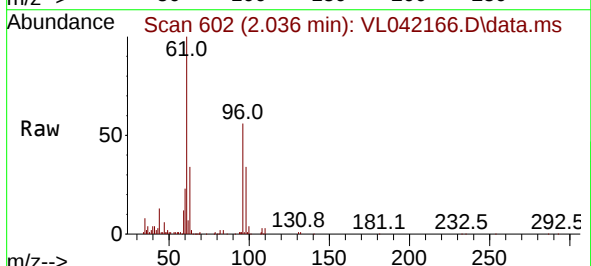
Tgt Ion: 59 Resp: 22520
Ion Ratio Lower Upper
59 100
57 11.4 8.9 13.3

Manual Integrations
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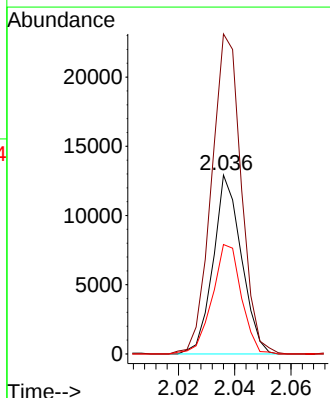
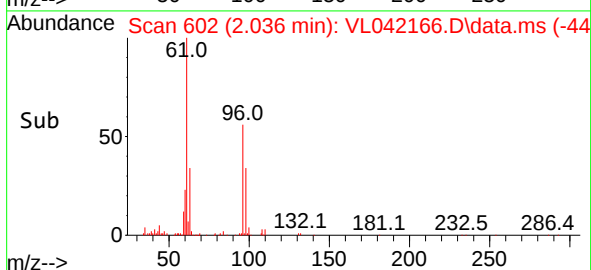
Reviewed By :Semsettin Yesilyurt 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025

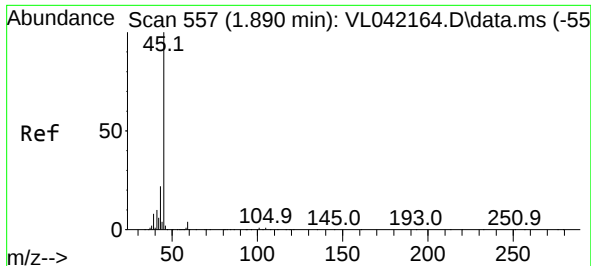


#18
1,1-Dichloroethene
Concen: 1.263 ppbv
RT: 2.036 min Scan# 602
Delta R.T. -0.003 min
Lab File: VL042166.D
Acq: 25 Mar 2025 10:00



Tgt Ion: 96 Resp: 8993
Ion Ratio Lower Upper
96 100
61 178.2 150.0 225.0
98 61.2 45.7 68.5





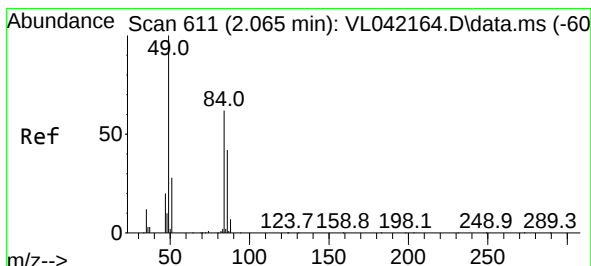
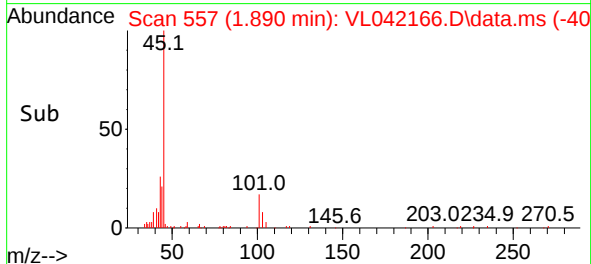
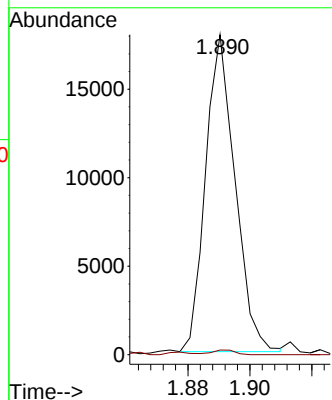
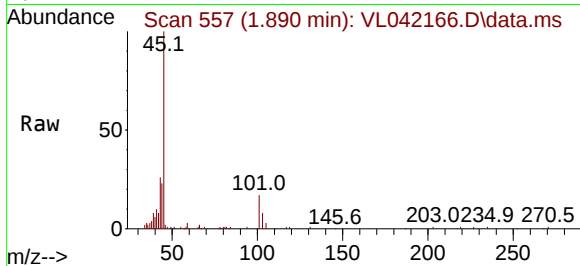
#19
Isopropyl Alcohol
Concen: 1.241 ppbv
RT: 1.890 min Scan# 511
Delta R.T. 0.000 min
Lab File: VL042166.D
Acq: 25 Mar 2025 10:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tgt Ion: 45 Resp: 11830
Ion Ratio Lower Upper
45 100
58 58.7 1.8 2.8

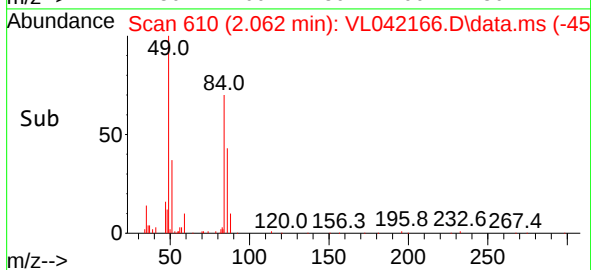
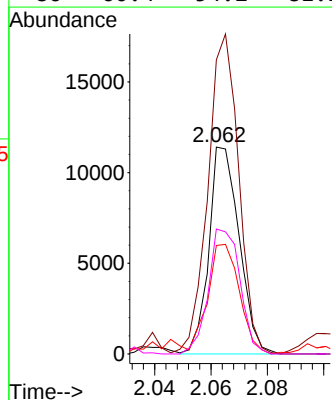
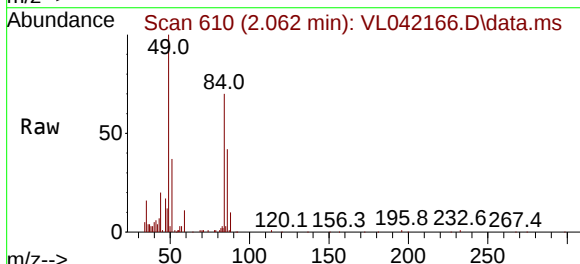
Manual Integrations
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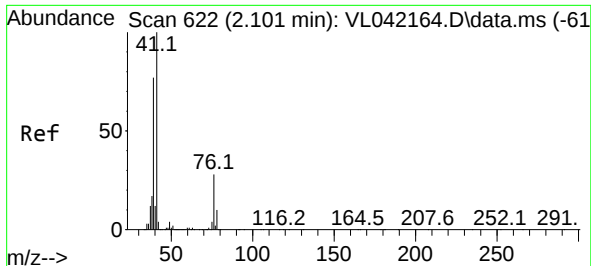
Reviewed By :Semsettin Yesilyurt 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#20
Methylene Chloride
Concen: 1.354 ppbv
RT: 2.062 min Scan# 610
Delta R.T. -0.003 min
Lab File: VL042166.D
Acq: 25 Mar 2025 10:00

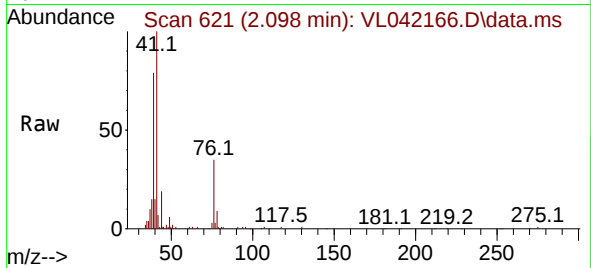
Tgt Ion: 84 Resp: 8528
Ion Ratio Lower Upper
84 100
49 142.1 129.4 194.0
51 51.6 38.2 57.2
86 60.4 54.2 81.2





#21
 Allyl Chloride
 Concen: 1.159 ppbv
 RT: 2.098 min Scan# 61
 Delta R.T. -0.003 min
 Lab File: VL042166.D
 Acq: 25 Mar 2025 10:00

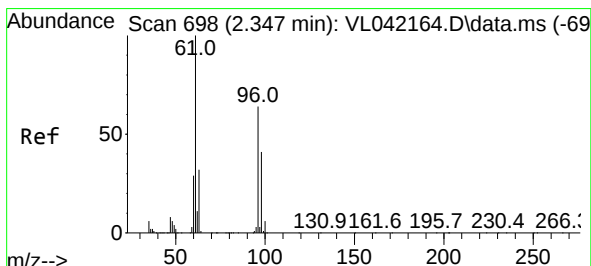
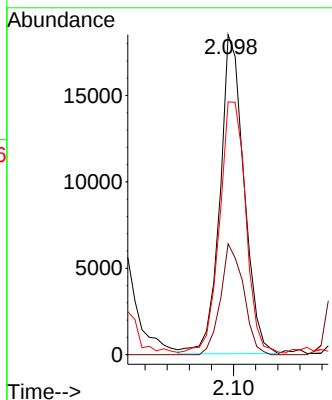
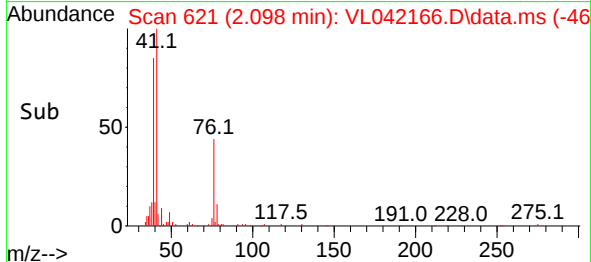
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001



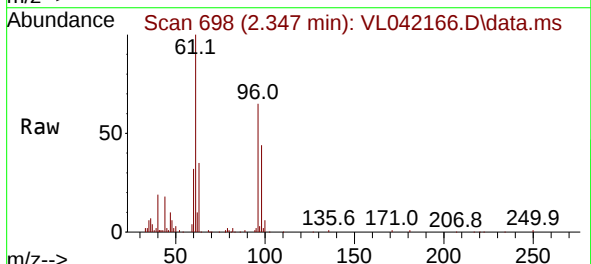
Tgt Ion: 41 Resp: 13950
 Ion Ratio Lower Upper
 41 100
 76 33.1 22.2 33.4
 39 84.2 61.4 92.2

Manual Integrations
 APPROVED

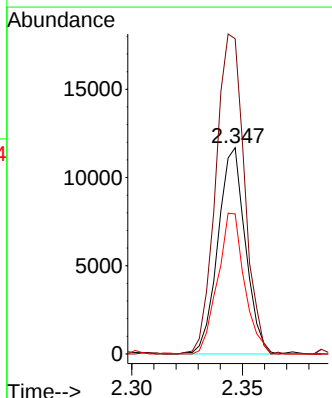
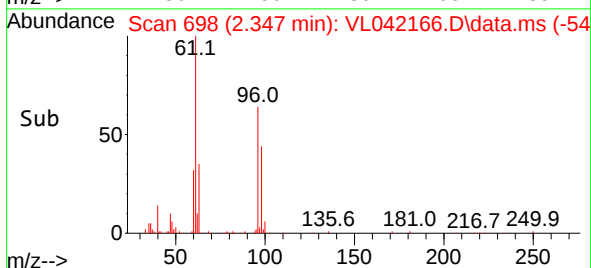
Reviewed By :Semsettin Yesilyurt 03/26/2025
 Supervised By :Mahesh Dadoda 03/26/2025

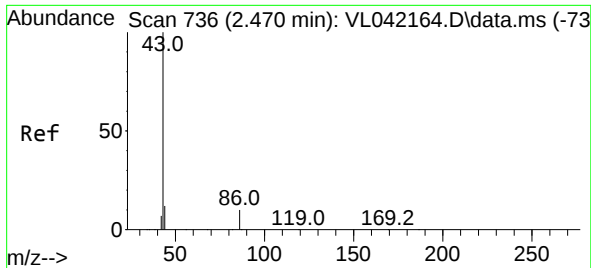


#22
 trans-1,2-Dichloroethene
 Concen: 1.196 ppbv
 RT: 2.347 min Scan# 698
 Delta R.T. 0.000 min
 Lab File: VL042166.D
 Acq: 25 Mar 2025 10:00



Tgt Ion: 96 Resp: 10061
 Ion Ratio Lower Upper
 96 100
 61 152.8 125.8 188.8
 98 67.9 51.4 77.2





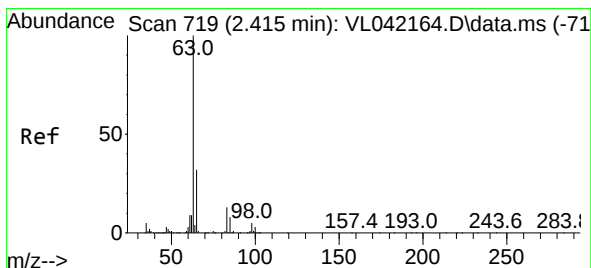
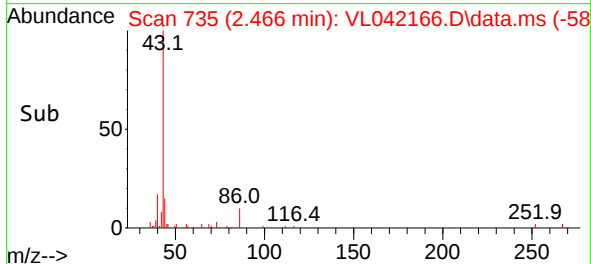
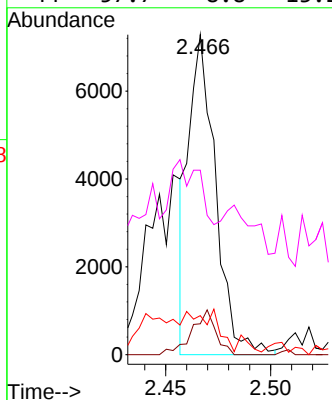
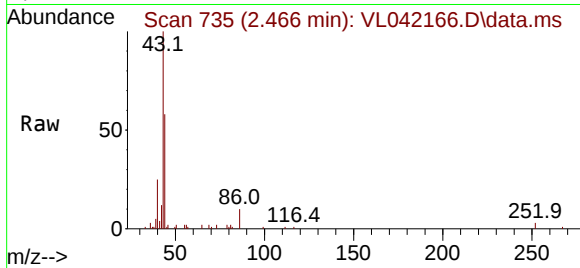
#23
 Vinyl Acetate
 Concen: 0.606 ppbv m
 RT: 2.466 min Scan# 719
 Delta R.T. -0.003 min
 Lab File: VL042166.D
 Acq: 25 Mar 2025 10:00

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001

Tgt Ion: 43	Resp: 649
Ion Ratio	Lower Upper
43 100	
86 9.7	6.7 10.1
42 12.2	8.5 12.7
44 57.7	8.8 13.2#

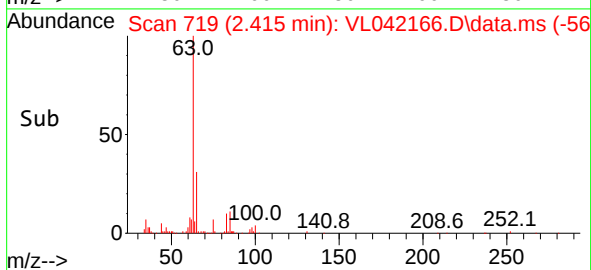
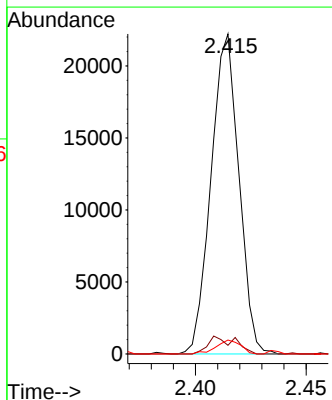
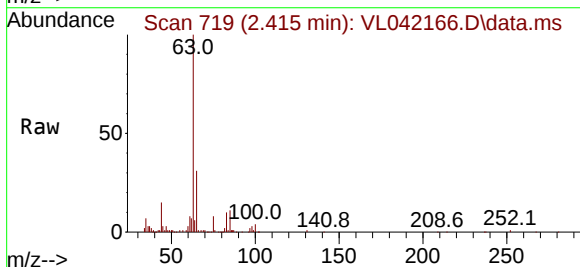
Manual Integrations
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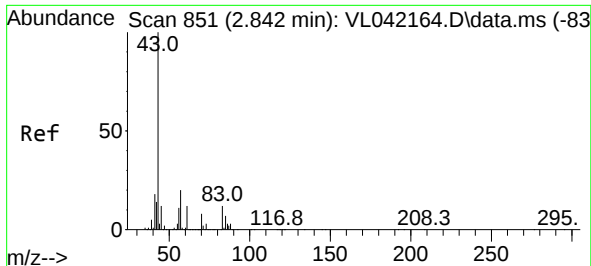
Reviewed By :Semsettin Yesilyurt 03/26/2025
 Supervised By :Mahesh Dadoda 03/26/2025



#24
 1,1-Dichloroethane
 Concen: 1.244 ppbv
 RT: 2.415 min Scan# 719
 Delta R.T. 0.000 min
 Lab File: VL042166.D
 Acq: 25 Mar 2025 10:00

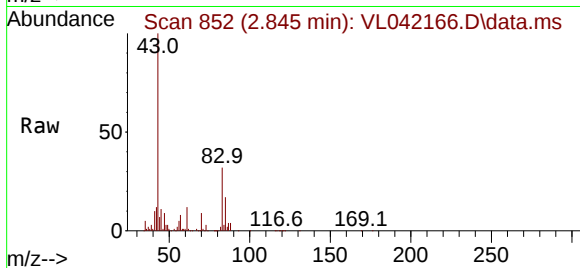
Tgt Ion: 63	Resp: 19489
Ion Ratio	Lower Upper
63 100	
98 2.7	2.6 7.8
100 4.4	1.4 4.0#





#25
Ethyl Acetate
Concen: 0.864 ppbv
RT: 2.845 min Scan# 851
Delta R.T. 0.003 min
Lab File: VL042166.D
Acq: 25 Mar 2025 10:00

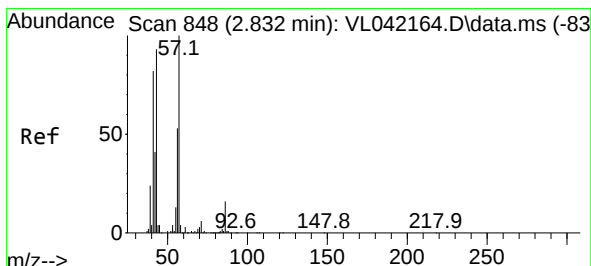
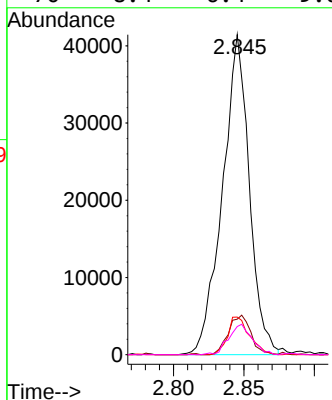
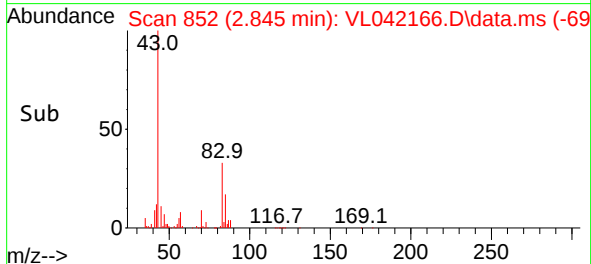
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001



Tgt Ion: 43 Resp: 5499
Ion Ratio Lower Upper
43 100
45 10.6 8.4 12.6
61 9.7 7.3 10.9
70 8.4 6.4 9.6

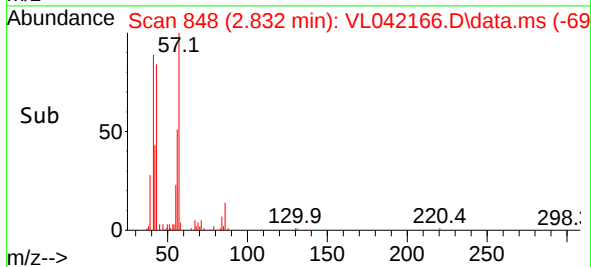
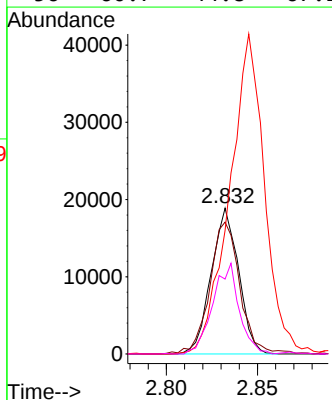
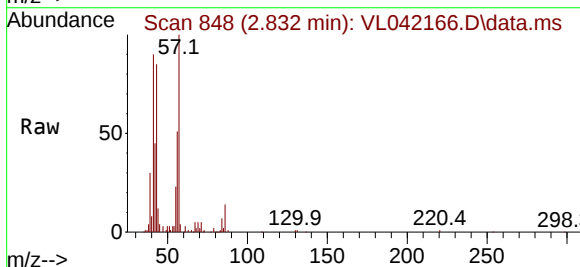
Manual Integrations
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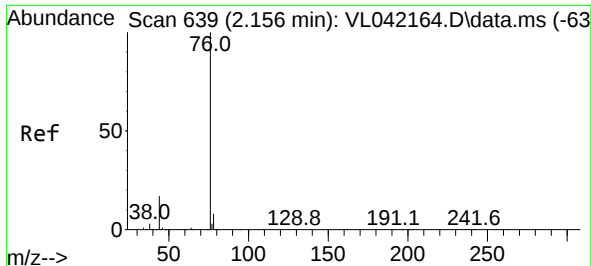
Reviewed By :Semsettin Yesilyurt 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#26
Hexane
Concen: 0.776 ppbv
RT: 2.832 min Scan# 848
Delta R.T. 0.000 min
Lab File: VL042166.D
Acq: 25 Mar 2025 10:00

Tgt Ion: 57 Resp: 19803
Ion Ratio Lower Upper
57 100
41 99.9 73.9 110.9
43 282.1 210.0 315.0
56 60.7 44.8 67.2





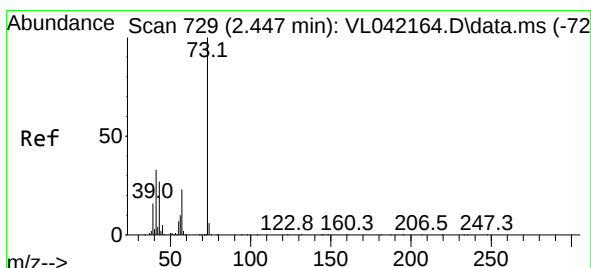
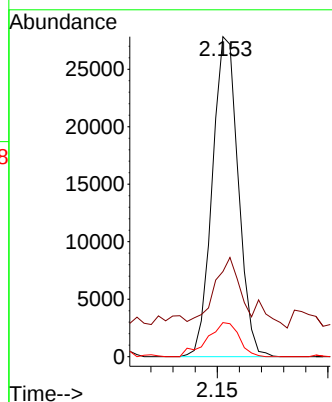
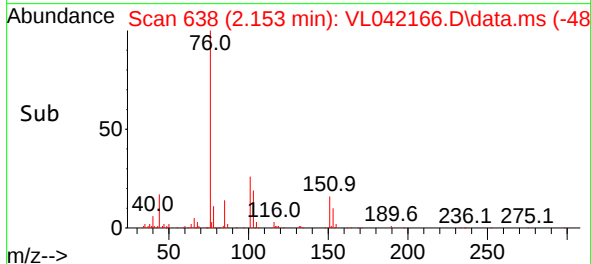
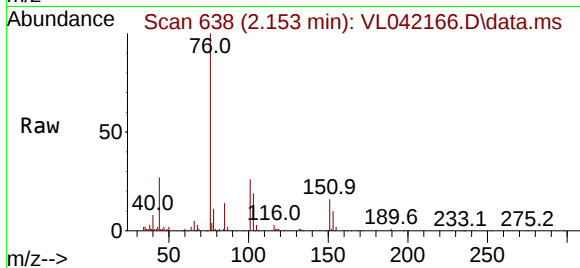
#27
Carbon Disulfide
Concen: 1.219 ppbv
RT: 2.153 min Scan# 61
Delta R.T. -0.003 min
Lab File: VL042166.D
Acq: 25 Mar 2025 10:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tgt Ion: 76 Resp: 22690
Ion Ratio Lower Upper
76 100
44 34.5 17.0 25.4
78 13.1 9.0 13.6

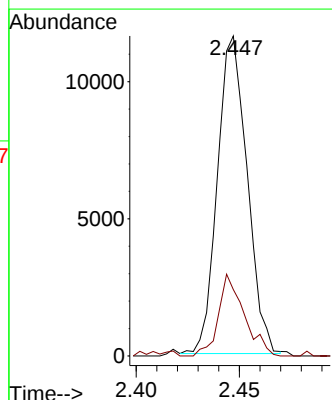
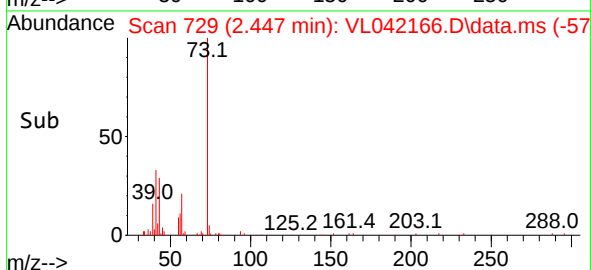
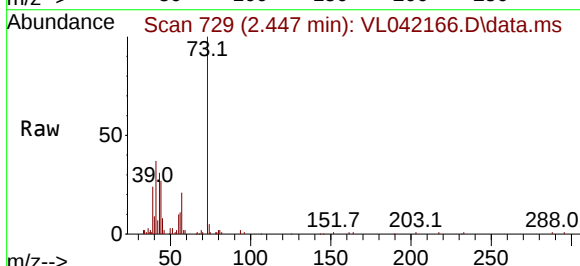
Manual Integrations
APPROVED

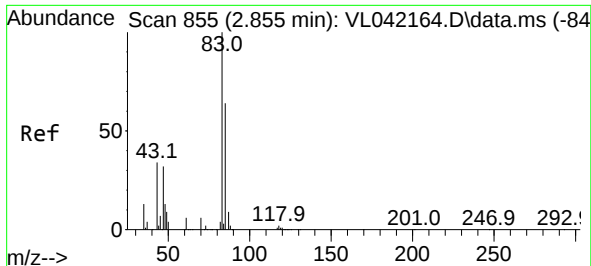
Reviewed By :Semsettin Yesilyurt 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#28
Methyl tert-Butyl Ether
Concen: 0.880 ppbv
RT: 2.447 min Scan# 729
Delta R.T. 0.000 min
Lab File: VL042166.D
Acq: 25 Mar 2025 10:00

Tgt Ion: 73 Resp: 11594
Ion Ratio Lower Upper
73 100
57 23.5 18.6 28.0





#29

Chloroform

Concen: 0.940 ppbv

RT: 2.852 min Scan# 81

Delta R.T. -0.003 min

Lab File: VL042166.D

Acq: 25 Mar 2025 10:00

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

Tgt Ion: 83 Resp: 3265

Ion Ratio Lower Upper

83 100

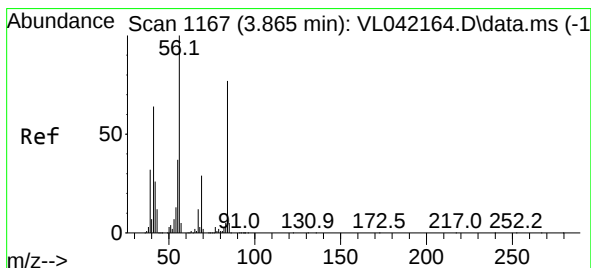
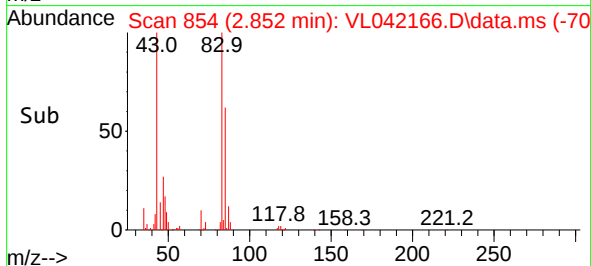
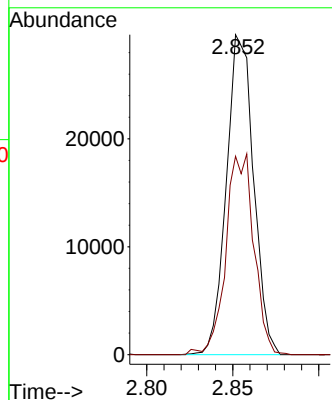
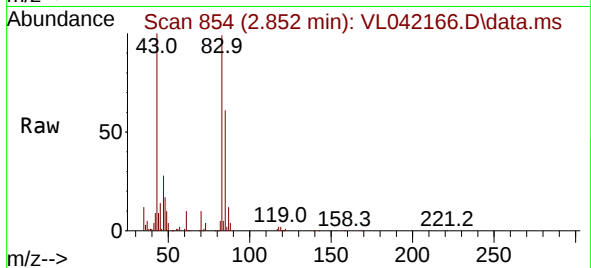
85 62.0 51.4 77.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/26/2025

Supervised By :Mahesh Dadoda 03/26/2025



#30

Cyclohexane

Concen: 0.639 ppbv

RT: 3.865 min Scan# 1167

Delta R.T. 0.000 min

Lab File: VL042166.D

Acq: 25 Mar 2025 10:00

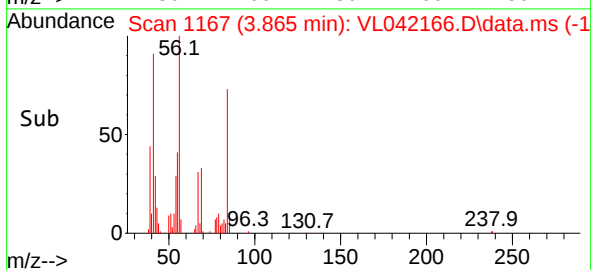
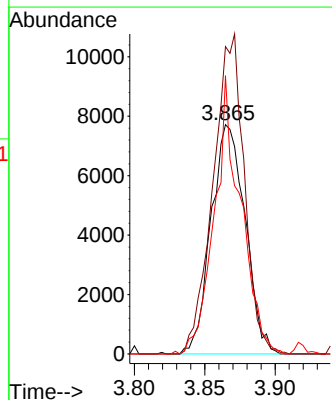
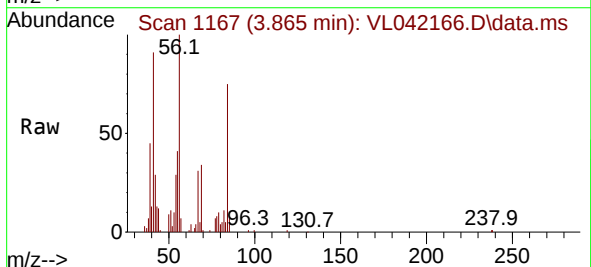
Tgt Ion: 84 Resp: 13017

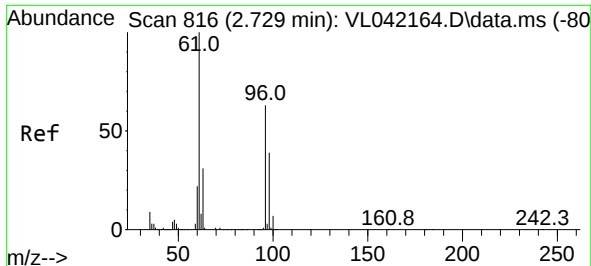
Ion Ratio Lower Upper

84 100

56 127.6 107.0 160.6

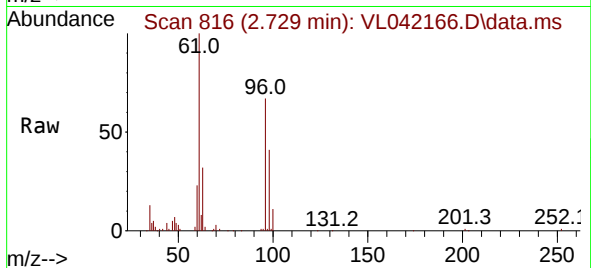
41 93.8 69.9 104.9





#31
 cis-1,2-Dichloroethene
 Concen: 0.791 ppbv
 RT: 2.729 min Scan# 816
 Delta R.T. 0.000 min
 Lab File: VL042166.D
 Acq: 25 Mar 2025 10:00

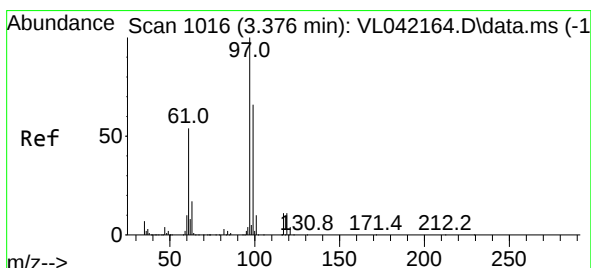
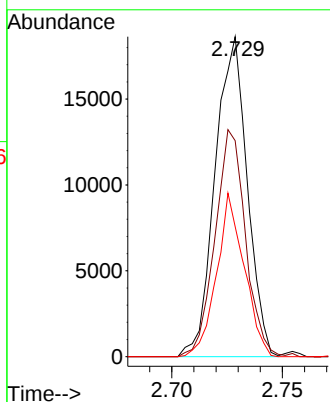
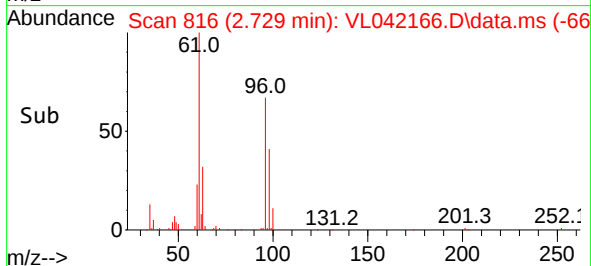
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC001



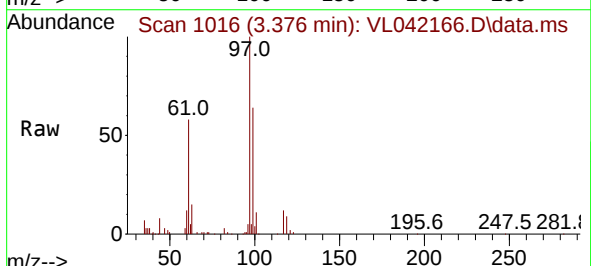
Tgt Ion: 61 Resp: 1880
 Ion Ratio Lower Upper
 61 100
 96 67.5 50.7 76.1
 98 40.7 31.4 47.0

Manual Integrations
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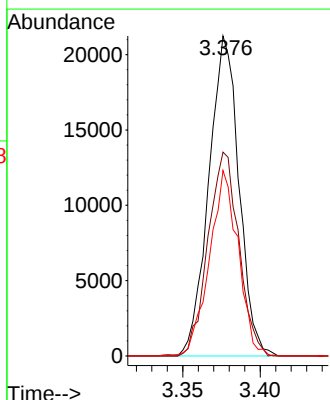
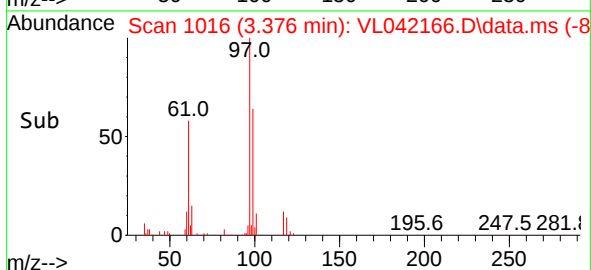
Reviewed By :Semsettin Yesilyurt 03/26/2025
 Supervised By :Mahesh Dadoda 03/26/2025

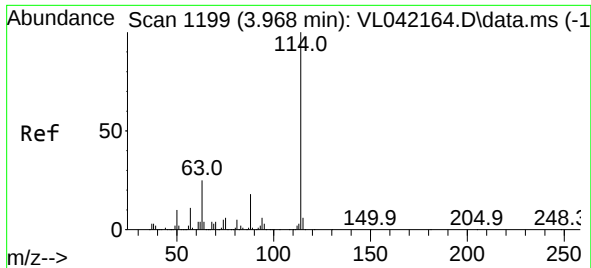


#32
 1,1,1-Trichloroethane
 Concen: 0.868 ppbv
 RT: 3.376 min Scan# 1016
 Delta R.T. 0.000 min
 Lab File: VL042166.D
 Acq: 25 Mar 2025 10:00



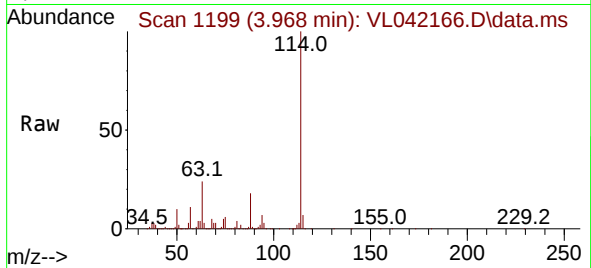
Tgt Ion: 97 Resp: 28739
 Ion Ratio Lower Upper
 97 100
 99 64.9 50.6 75.8
 61 55.2 42.1 63.1





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.968 min Scan# 1199
Delta R.T. 0.000 min
Lab File: VL042166.D
Acq: 25 Mar 2025 10:00

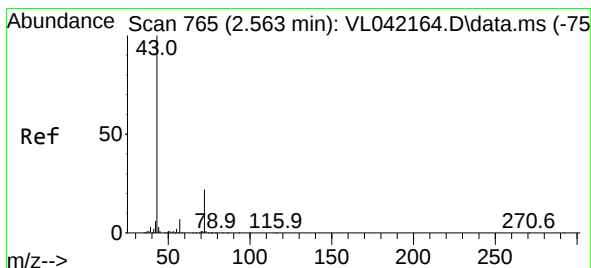
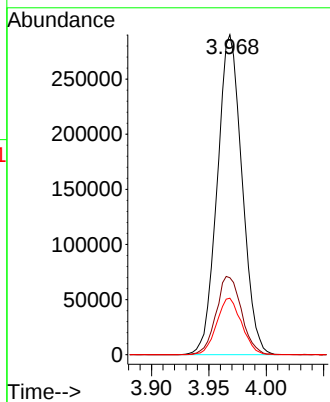
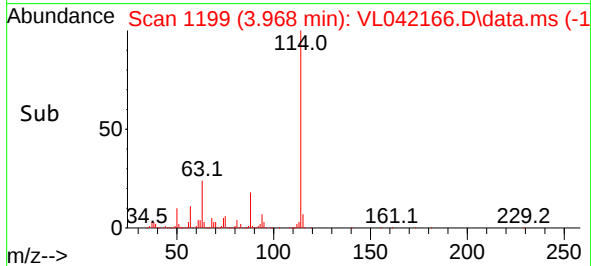
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



Tgt Ion:114 Resp: 436654
Ion Ratio Lower Upper
114 100
63 25.0 20.1 30.1
88 17.7 14.2 21.2

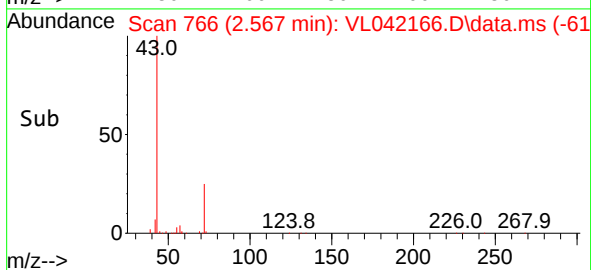
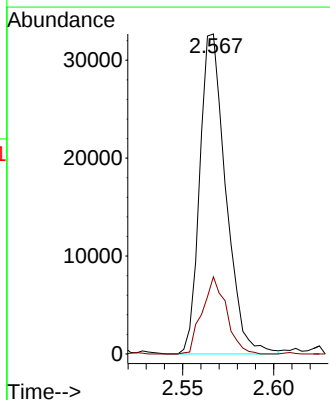
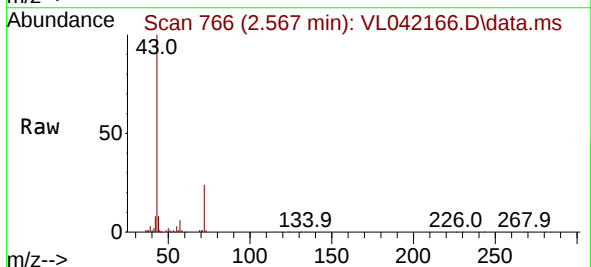
Manual Integrations
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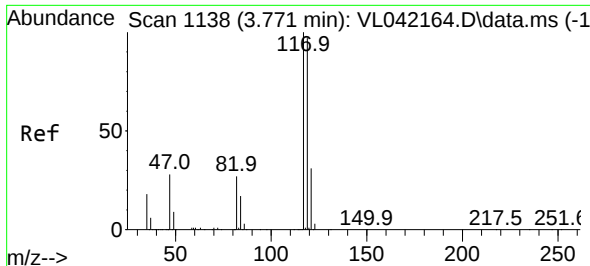
Reviewed By :Semsettin Yesilyurt 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#34
2-Butanone
Concen: 0.946 ppbv
RT: 2.567 min Scan# 766
Delta R.T. 0.003 min
Lab File: VL042166.D
Acq: 25 Mar 2025 10:00

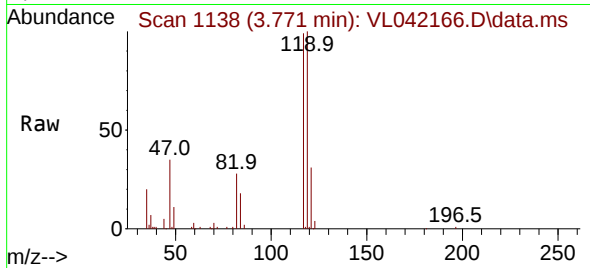
Tgt Ion: 43 Resp: 32544
Ion Ratio Lower Upper
43 100
72 22.5 17.2 25.8





#35
Carbon Tetrachloride
Concen: 0.968 ppbv
RT: 3.771 min Scan# 1138
Delta R.T. 0.000 min
Lab File: VL042166.D
Acq: 25 Mar 2025 10:00

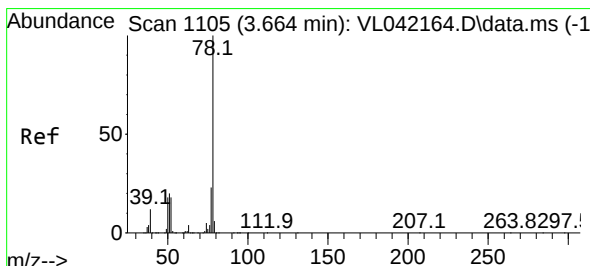
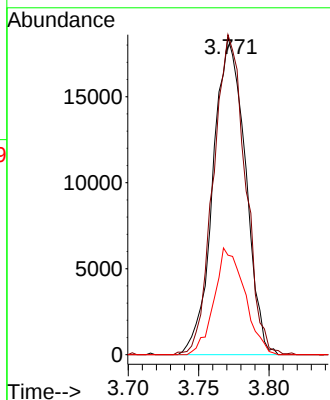
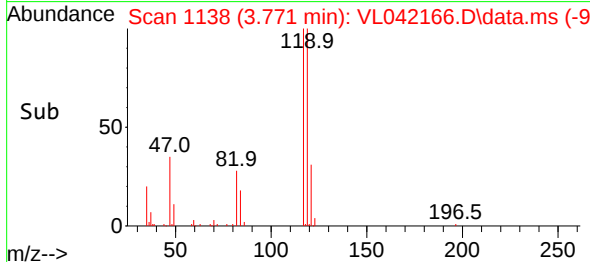
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



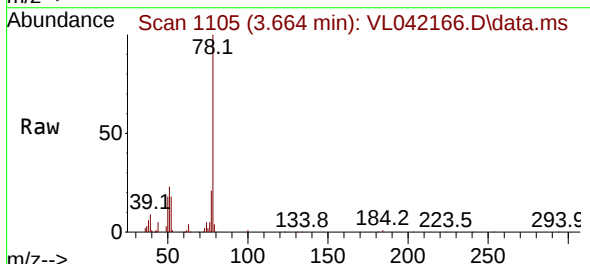
Tgt Ion:117 Resp: 29498
Ion Ratio Lower Upper
117 100
119 99.9 77.5 116.3
121 31.3 24.5 36.7

Manual Integrations
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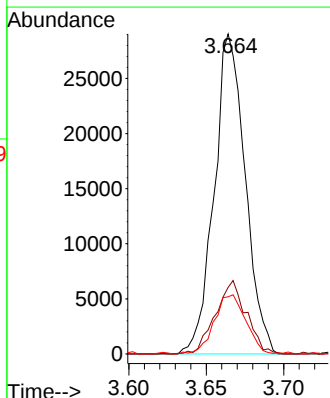
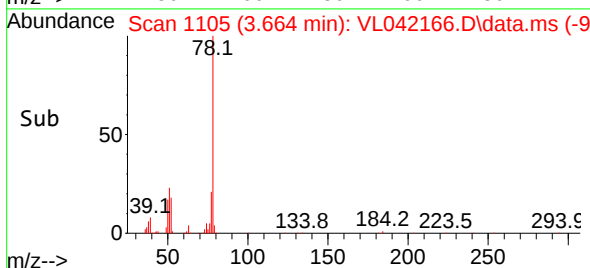
Reviewed By :Semsettin Yesilyurt 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025

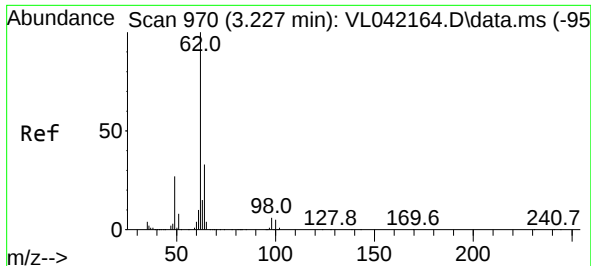


#36
Benzene
Concen: 0.884 ppbv
RT: 3.664 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VL042166.D
Acq: 25 Mar 2025 10:00



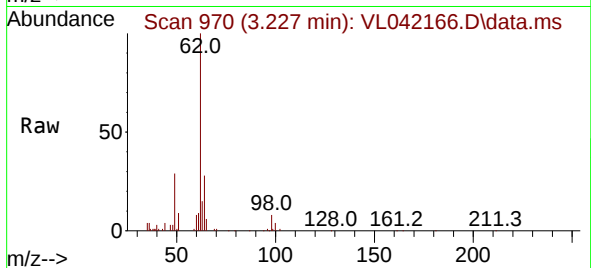
Tgt Ion: 78 Resp: 40476
Ion Ratio Lower Upper
78 100
77 20.6 18.4 27.6
50 17.9 14.2 21.4





#37
1,2-Dichloroethane
Concen: 0.965 ppbv
RT: 3.227 min Scan# 91
Delta R.T. 0.000 min
Lab File: VL042166.D
Acq: 25 Mar 2025 10:00

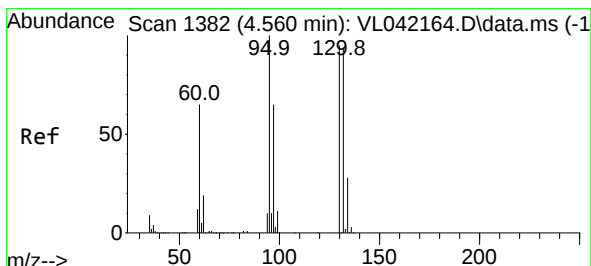
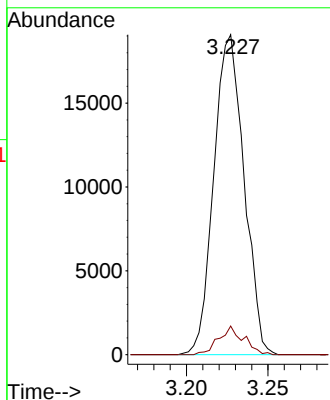
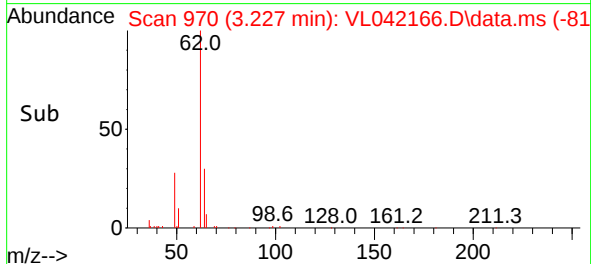
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001



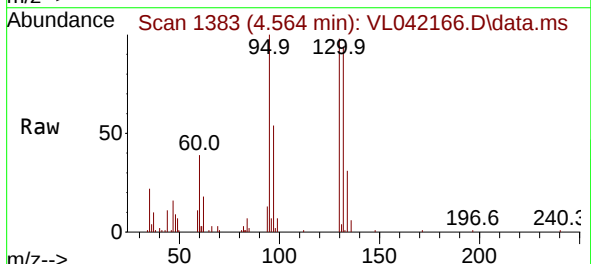
Tgt Ion: 62 Resp: 2459
Ion Ratio Lower Upper
62 100
98 7.4 5.4 8.0

Manual Integrations
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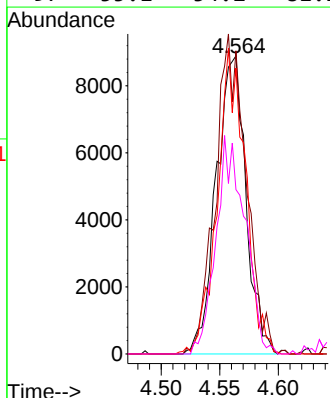
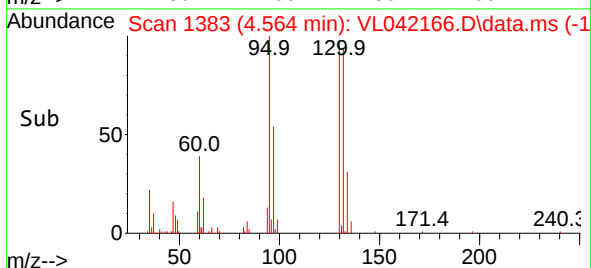
Reviewed By :Semsettin Yesilyurt 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025

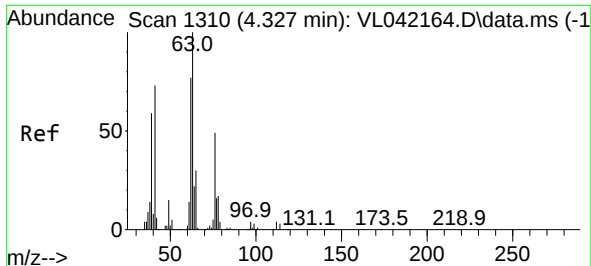


#38
Trichloroethene
Concen: 0.840 ppbv m
RT: 4.564 min Scan# 1383
Delta R.T. 0.003 min
Lab File: VL042166.D
Acq: 25 Mar 2025 10:00



Tgt Ion:130 Resp: 15693
Ion Ratio Lower Upper
130 100
95 101.7 84.1 126.1
132 95.9 79.0 118.6
97 55.1 54.2 81.2





#39

1,2-Dichloropropane

Concen: 0.892 ppbv

RT: 4.324 min Scan# 1310

Delta R.T. -0.003 min

Lab File: VL042166.D

Acq: 25 Mar 2025 10:00

Instrument :

MSVOA_L

ClientSampleId :

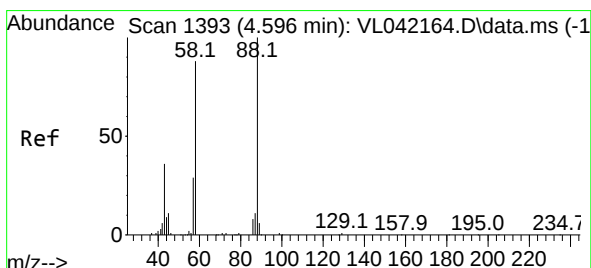
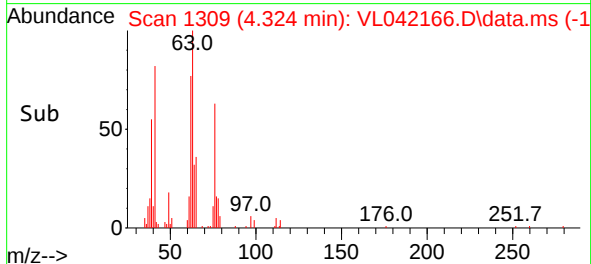
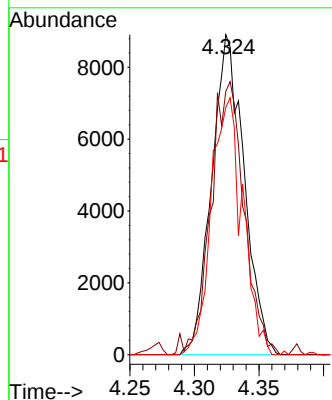
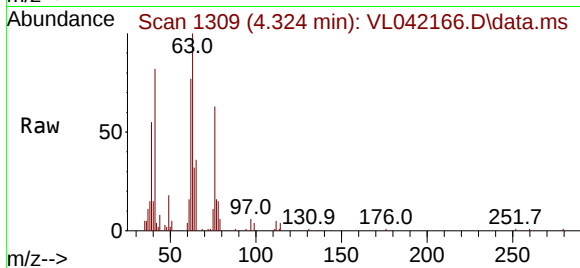
VSTDICC001

Tgt Ion: 63	Resp: 15610
Ion Ratio	Lower Upper
63 100	
41 82.3	58.8 88.2
62 77.3	61.3 91.9

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#40

1,4-Dioxane

Concen: 0.820 ppbv m

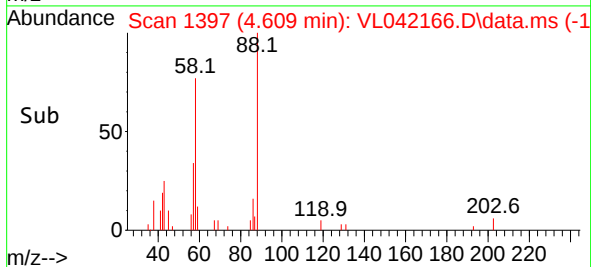
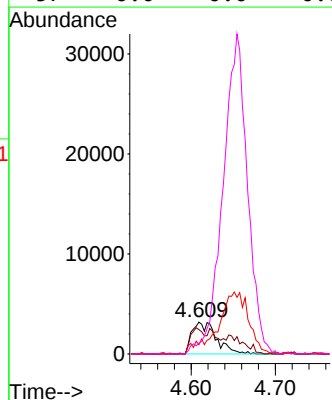
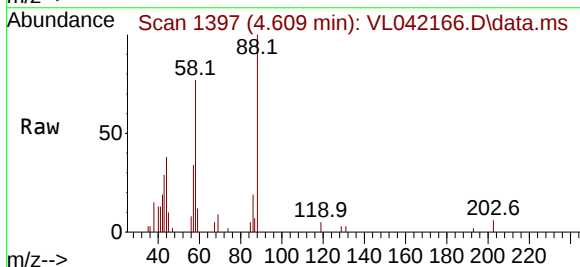
RT: 4.609 min Scan# 1397

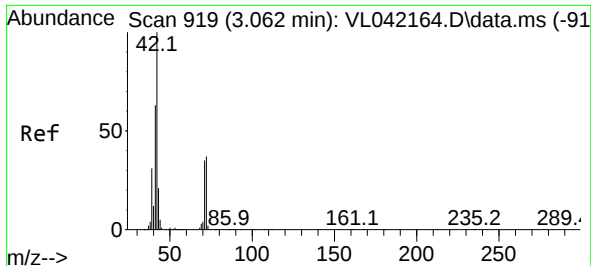
Delta R.T. 0.013 min

Lab File: VL042166.D

Acq: 25 Mar 2025 10:00

Tgt Ion: 88	Resp: 6481
Ion Ratio	Lower Upper
88 100	
58 122.9	68.0 102.0#
43 0.0	25.3 37.9#
57 0.0	0.0 0.0





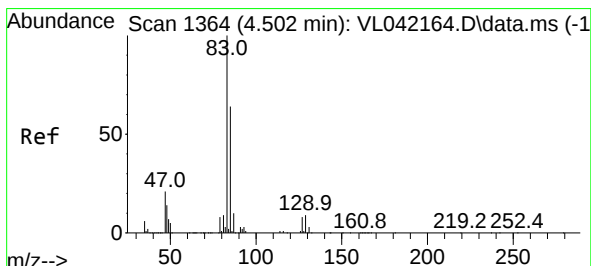
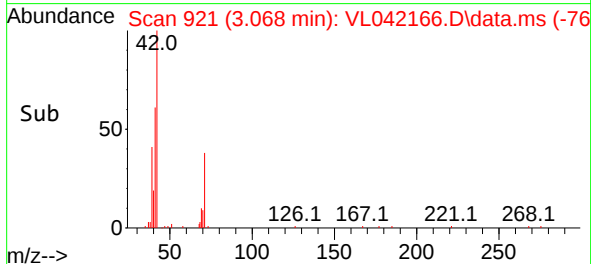
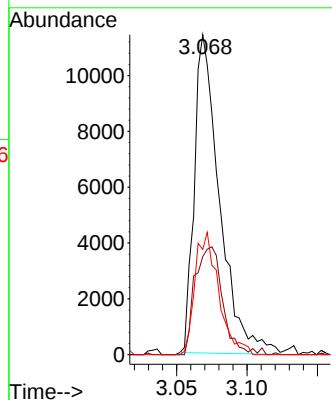
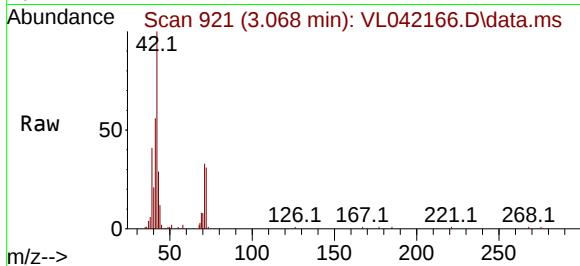
#41
Tetrahydrofuran
Concen: 0.711 ppbv
RT: 3.068 min Scan# 919
Delta R.T. 0.007 min
Lab File: VL042166.D
Acq: 25 Mar 2025 10:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 42 Resp: 14238
Ion Ratio Lower Upper
42 100
72 37.2 29.4 44.2
71 36.0 27.8 41.6

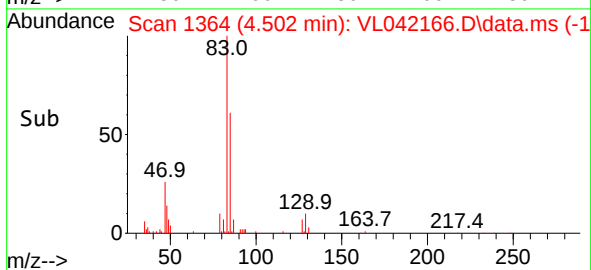
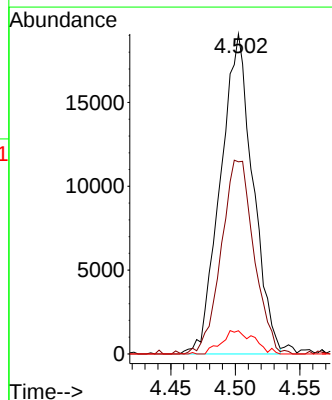
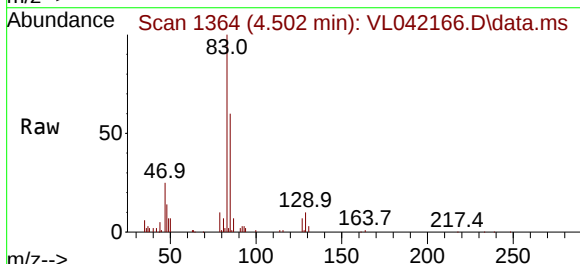
Manual Integrations
APPROVED

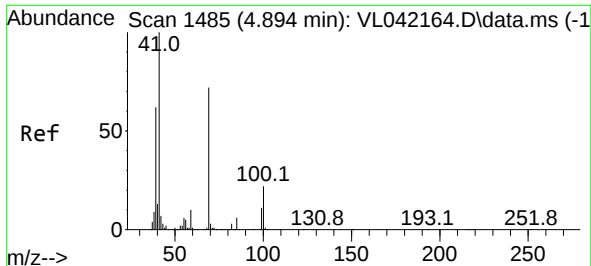
Reviewed By :Semsettin Yesilyurt 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#42
Bromodichloromethane
Concen: 0.970 ppbv
RT: 4.502 min Scan# 1364
Delta R.T. 0.000 min
Lab File: VL042166.D
Acq: 25 Mar 2025 10:00

Tgt Ion: 83 Resp: 33374
Ion Ratio Lower Upper
83 100
85 59.8 51.0 76.4
127 7.3 6.6 9.8





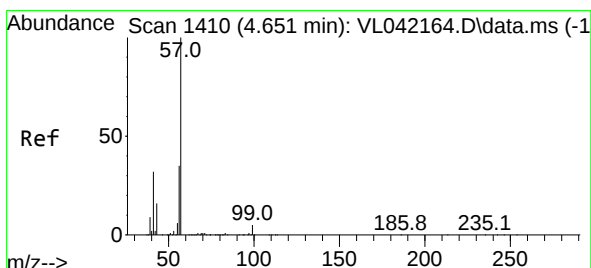
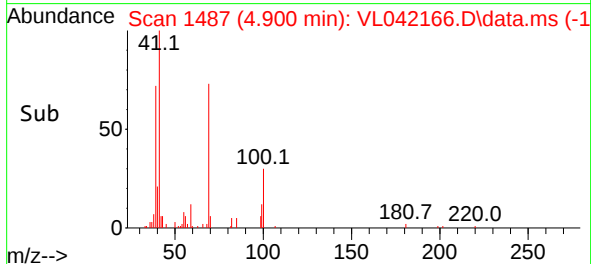
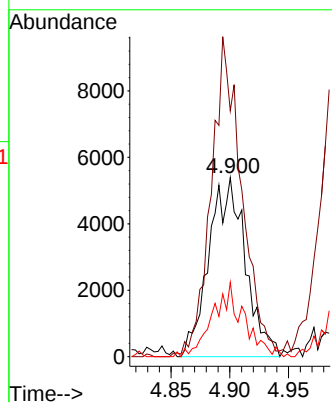
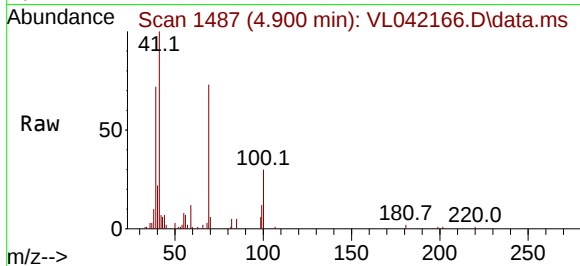
#43
Methyl Methacrylate
Concen: 0.663 ppbv
RT: 4.900 min Scan# 1487
Delta R.T. 0.007 min
Lab File: VL042166.D
Acq: 25 Mar 2025 10:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 69 Resp: 1161
Ion Ratio Lower Upper
69 100
41 149.3 120.6 180.8
100 0.0 26.2 39.2

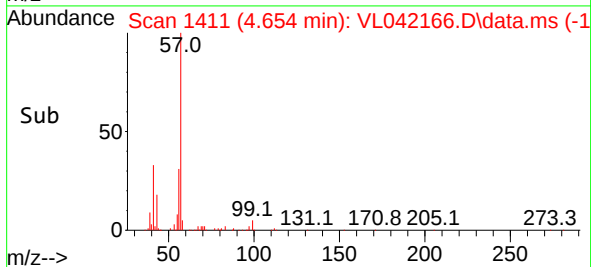
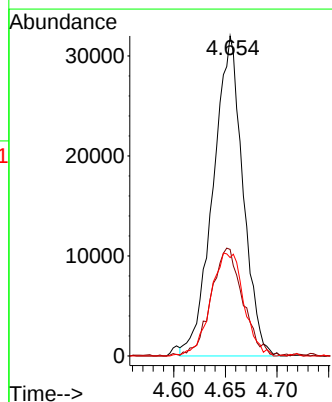
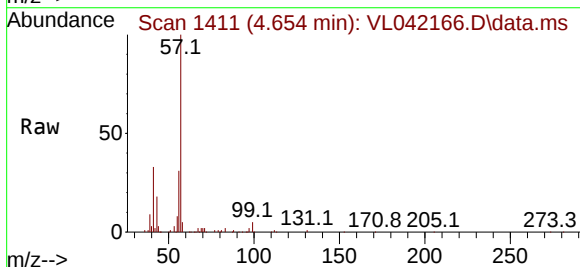
Manual Integrations
APPROVED

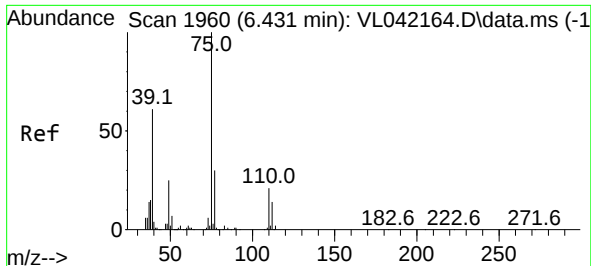
Reviewed By :Semsettin Yesilyurt 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#44
2,2,4-Trimethylpentane
Concen: 0.787 ppbv
RT: 4.654 min Scan# 1411
Delta R.T. 0.003 min
Lab File: VL042166.D
Acq: 25 Mar 2025 10:00

Tgt Ion: 57 Resp: 64335
Ion Ratio Lower Upper
57 100
41 36.0 25.8 38.8
56 35.9 27.4 41.0





#45

t-1,3-Dichloropropene

Concen: 0.680 ppbv m

RT: 6.431 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VL042166.D

Acq: 25 Mar 2025 10:00

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC001

Tgt Ion: 75 Resp: 1156

Ion Ratio Lower Upper

75 100

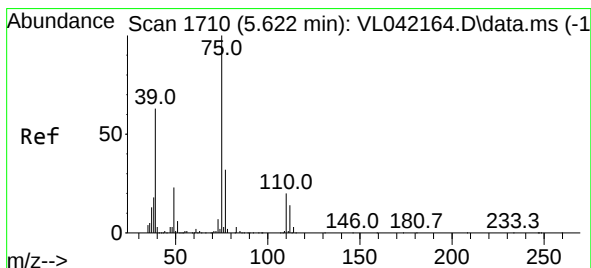
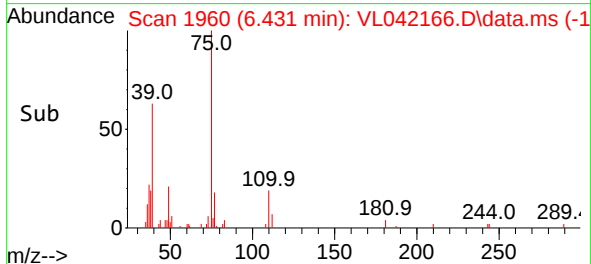
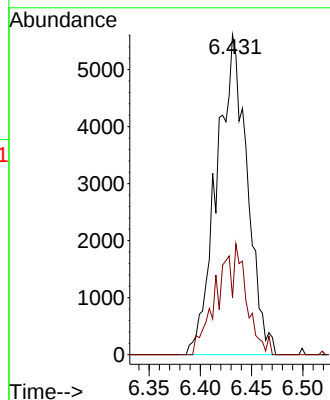
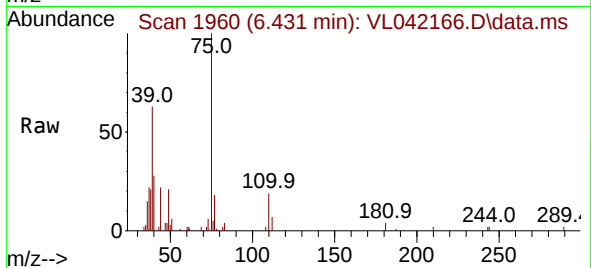
77 17.7 24.0 36.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/26/2025

Supervised By :Mahesh Dadoda 03/26/2025



#46

cis-1,3-Dichloropropene

Concen: 0.713 ppbv m

RT: 5.616 min Scan# 1708

Delta R.T. -0.006 min

Lab File: VL042166.D

Acq: 25 Mar 2025 10:00

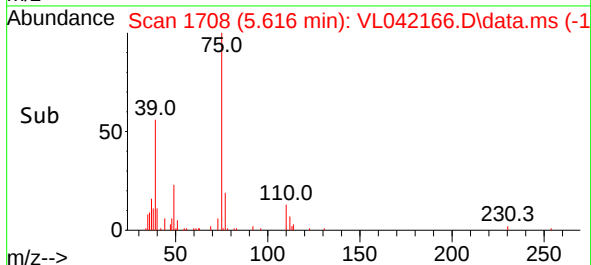
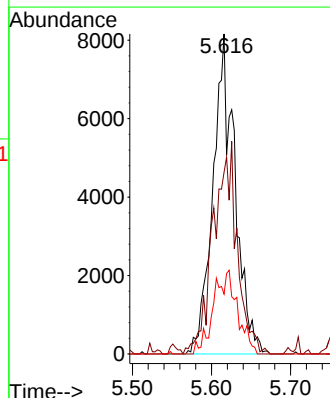
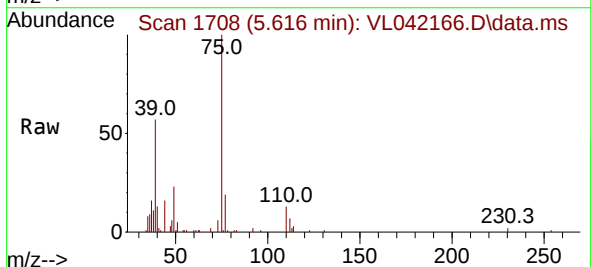
Tgt Ion: 75 Resp: 15817

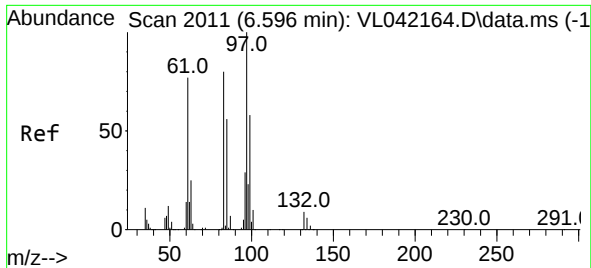
Ion Ratio Lower Upper

75 100

39 56.7 50.4 75.6

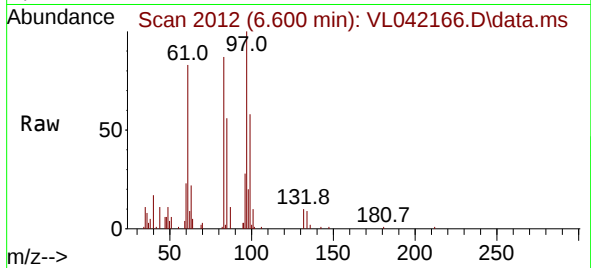
77 18.7 25.8 38.8





#47
1,1,2-Trichloroethane
Concen: 0.943 ppbv
RT: 6.600 min Scan# 2011
Delta R.T. 0.003 min
Lab File: VL042166.D
Acq: 25 Mar 2025 10:00

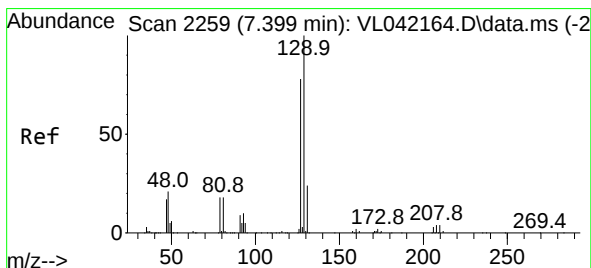
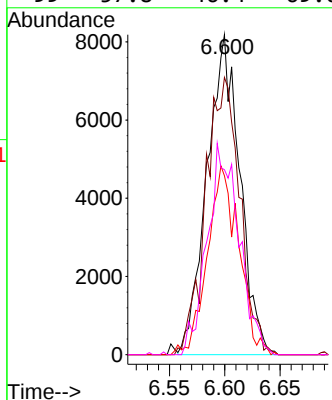
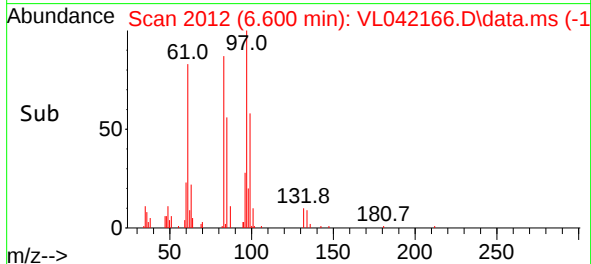
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



Tgt Ion: 97 Resp: 16900
Ion Ratio Lower Upper
97 100
83 86.6 64.2 96.4
85 55.9 44.5 66.7
99 57.8 46.4 69.6

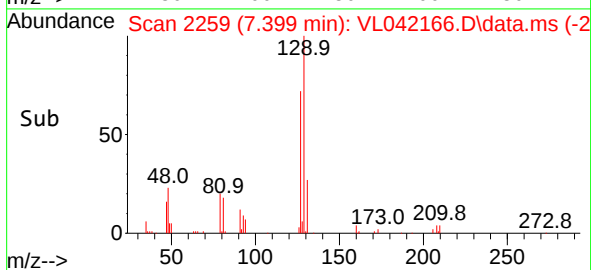
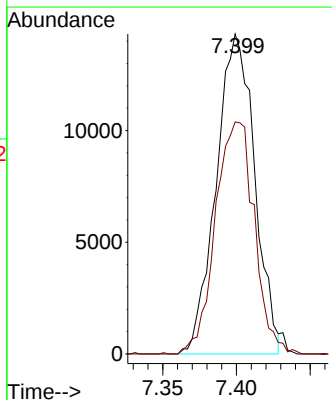
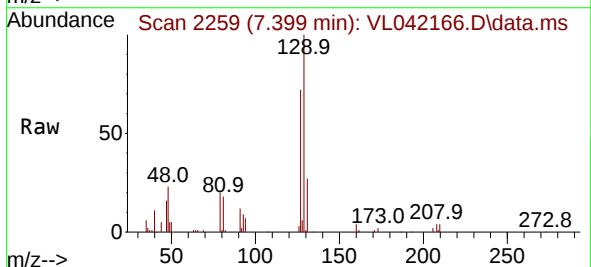
Manual Integrations
APPROVED

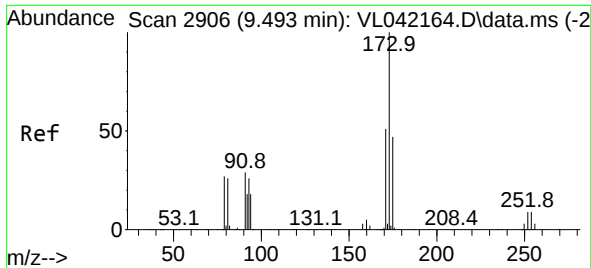
Reviewed By :Semsettin Yesilyurt 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#48
Dibromochloromethane
Concen: 0.936 ppbv
RT: 7.399 min Scan# 2259
Delta R.T. 0.000 min
Lab File: VL042166.D
Acq: 25 Mar 2025 10:00

Tgt Ion:129 Resp: 25968
Ion Ratio Lower Upper
129 100
127 73.4 38.7 116.1





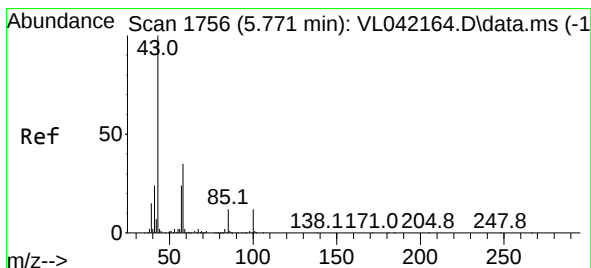
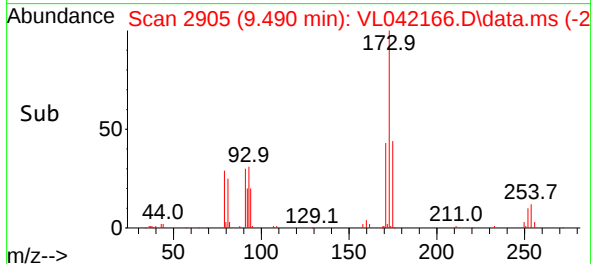
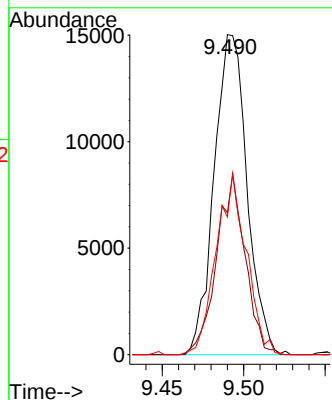
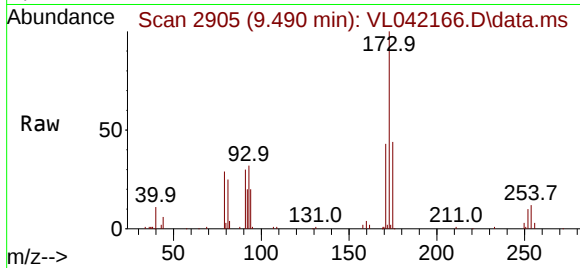
#49
Bromoform
Concen: 0.870 ppbv
RT: 9.490 min Scan# 2906
Delta R.T. -0.003 min
Lab File: VL042166.D
Acq: 25 Mar 2025 10:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:173 Resp: 21094
Ion Ratio Lower Upper
173 100
175 48.8 38.5 57.7
171 51.9 41.1 61.7

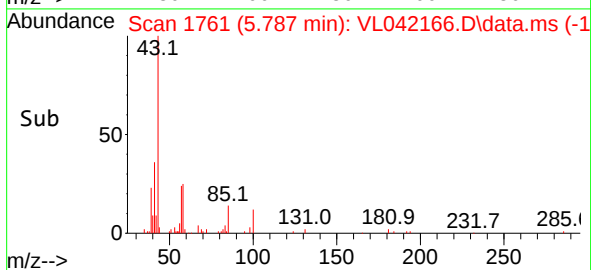
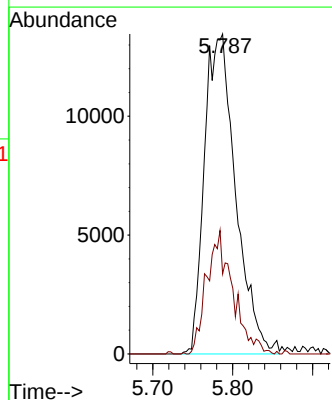
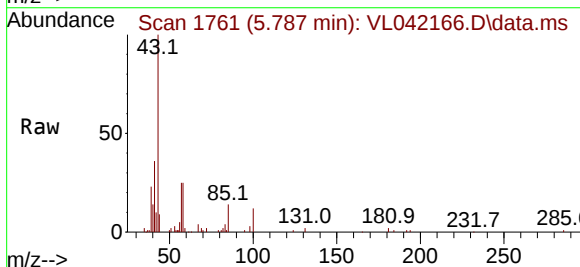
Manual Integrations
APPROVED

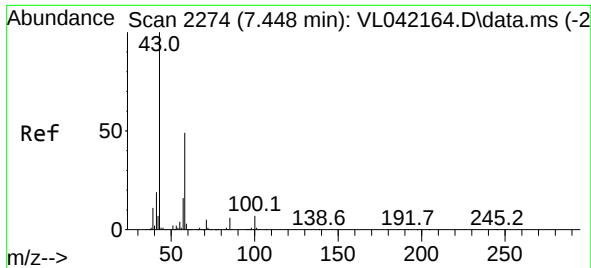
Reviewed By :Semsettin Yesilyurt 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#50
4-Methyl-2-Pentanone
Concen: 0.829 ppbv m
RT: 5.787 min Scan# 1761
Delta R.T. 0.016 min
Lab File: VL042166.D
Acq: 25 Mar 2025 10:00

Tgt Ion: 43 Resp: 36620
Ion Ratio Lower Upper
43 100
58 0.0 27.2 40.8#





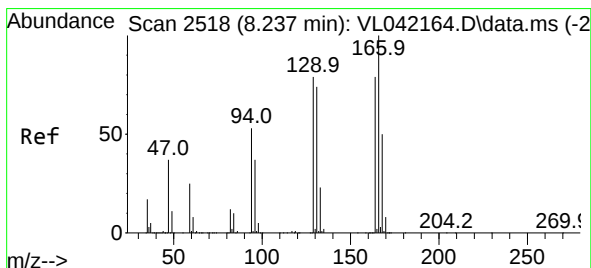
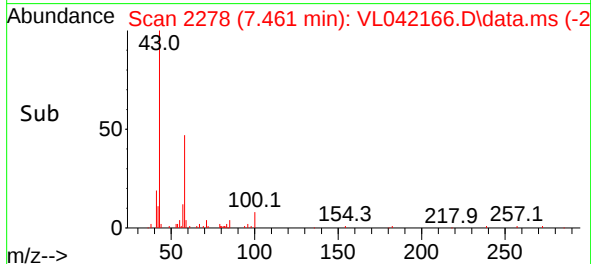
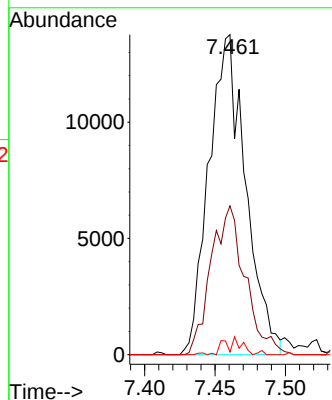
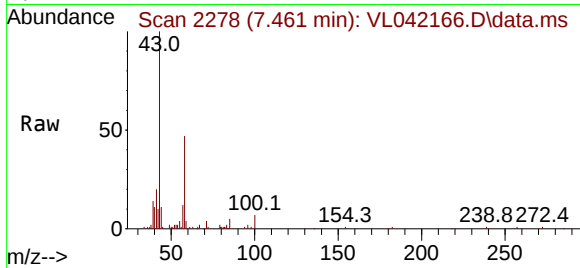
#51
2-Hexanone
Concen: 0.834 ppbv
RT: 7.461 min Scan# 21
Delta R.T. 0.013 min
Lab File: VL042166.D
Acq: 25 Mar 2025 10:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 43 Resp: 2504
Ion Ratio Lower Upper
43 100
58 43.2 37.9 56.9
98 2.8 0.9 1.3

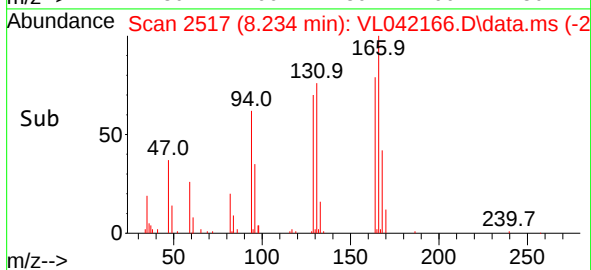
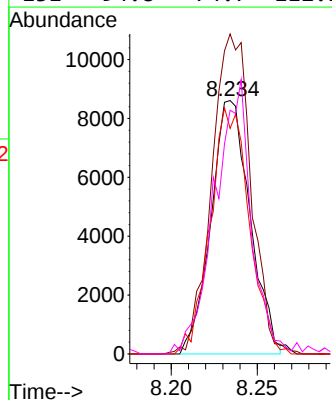
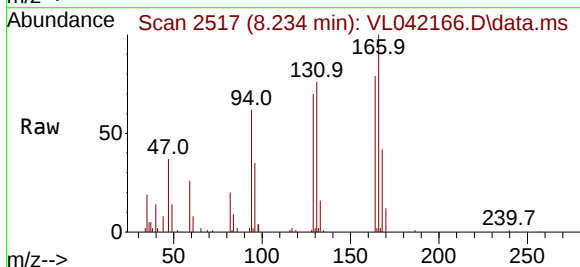
Manual Integrations
APPROVED

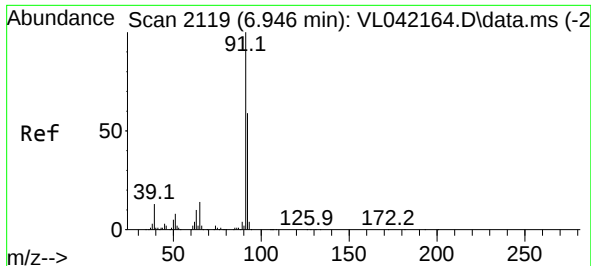
Reviewed By :Semsettin Yesilyurt 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#52
Tetrachloroethene
Concen: 0.872 ppbv
RT: 8.234 min Scan# 2517
Delta R.T. -0.003 min
Lab File: VL042166.D
Acq: 25 Mar 2025 10:00

Tgt Ion:164 Resp: 13624
Ion Ratio Lower Upper
164 100
166 123.5 101.3 151.9
129 87.4 79.6 119.4
131 94.8 74.7 112.1





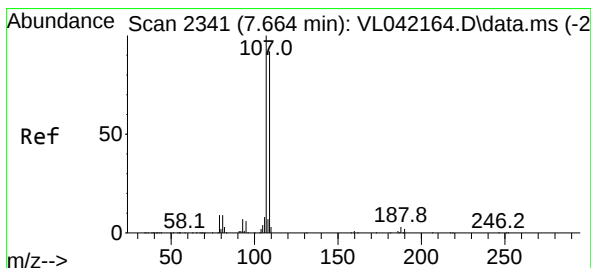
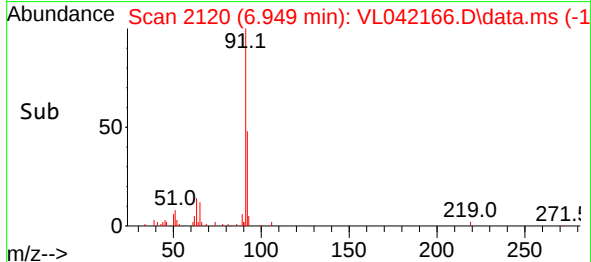
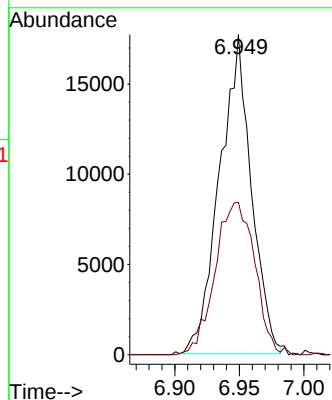
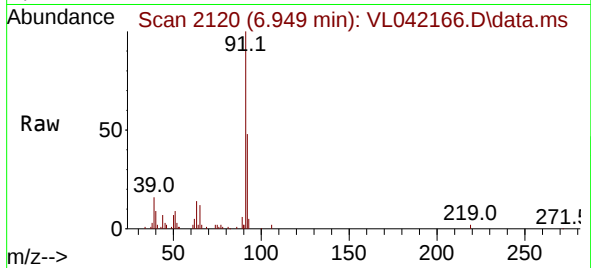
#53
Toluene
Concen: 0.599 ppbv
RT: 6.949 min Scan# 2119
Delta R.T. 0.003 min
Lab File: VL042166.D
Acq: 25 Mar 2025 10:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tgt Ion: 91 Resp: 3027
Ion Ratio Lower Upper
91 100
92 59.6 49.0 73.4

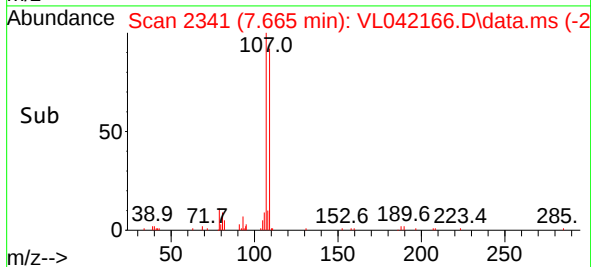
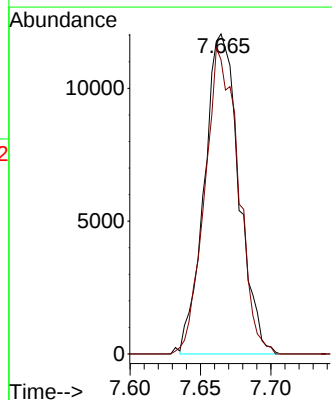
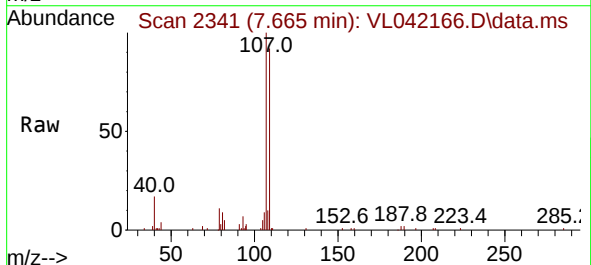
Manual Integrations
APPROVED

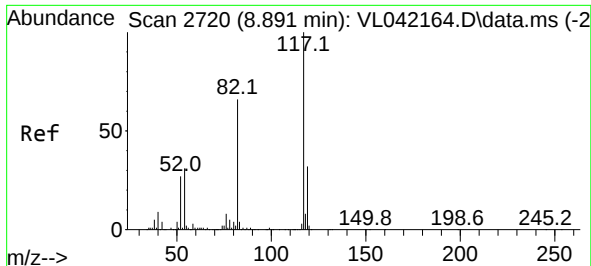
Reviewed By :Semsettin Yesilyurt 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#54
1,2-Dibromoethane
Concen: 0.862 ppbv
RT: 7.665 min Scan# 2341
Delta R.T. 0.000 min
Lab File: VL042166.D
Acq: 25 Mar 2025 10:00

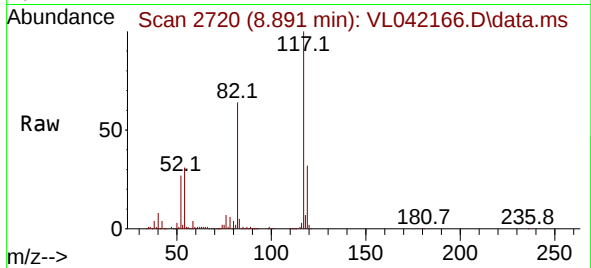
Tgt Ion:107 Resp: 20541
Ion Ratio Lower Upper
107 100
109 92.0 73.4 110.0





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.891 min Scan# 2720
Delta R.T. 0.000 min
Lab File: VL042166.D
Acq: 25 Mar 2025 10:00

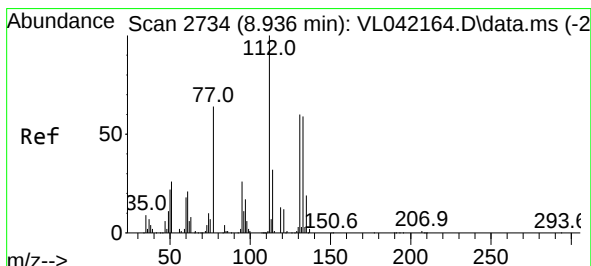
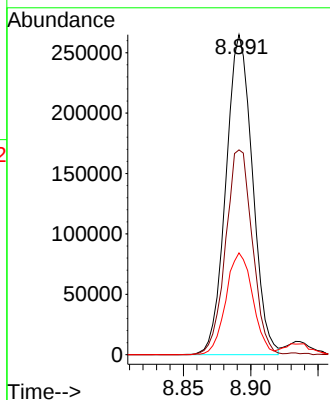
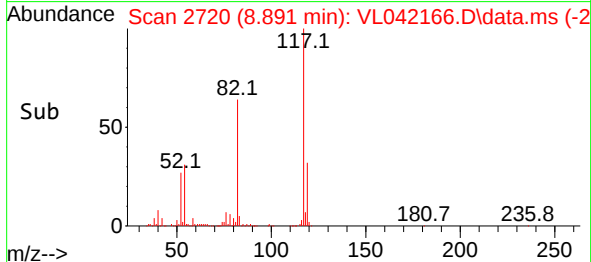
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



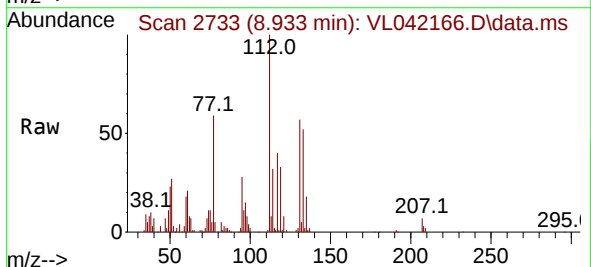
Tgt Ion:117 Resp: 362920
Ion Ratio Lower Upper
117 100
82 64.9 54.2 81.4
119 33.1 25.4 38.2

Manual Integrations
APPROVED

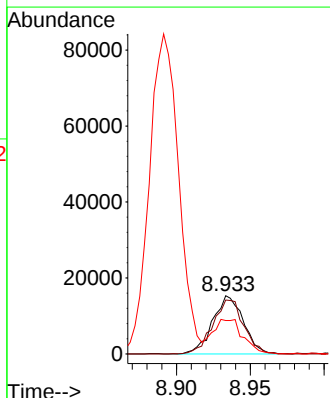
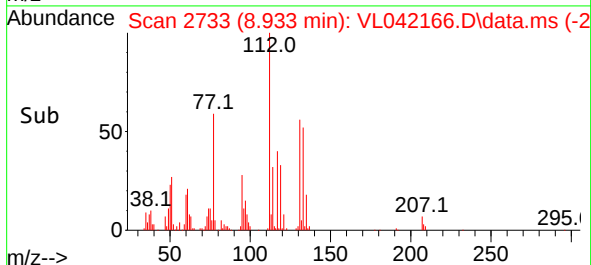
Reviewed By :Semsettin Yesilyurt 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025

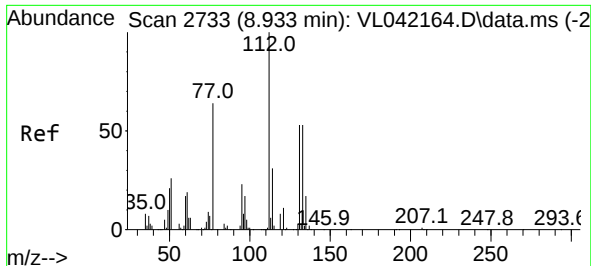


#56
1,1,1,2-Tetrachloroethane
Concen: 1.051 ppbv
RT: 8.933 min Scan# 2733
Delta R.T. -0.003 min
Lab File: VL042166.D
Acq: 25 Mar 2025 10:00



Tgt Ion:131 Resp: 22183
Ion Ratio Lower Upper
131 100
133 93.6 74.7 112.1
119 49.9 52.5 78.7#





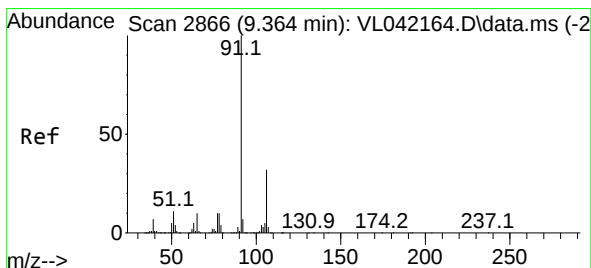
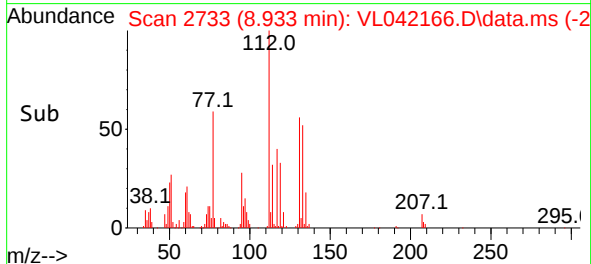
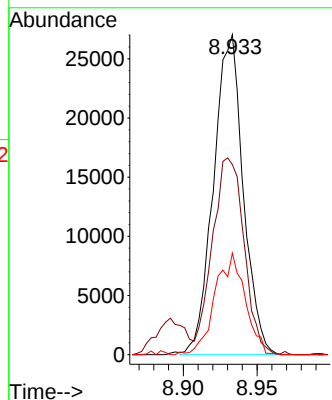
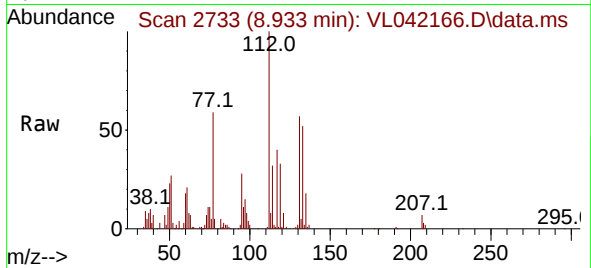
#57
Chlorobenzene
Concen: 0.984 ppbv
RT: 8.933 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL042166.D
Acq: 25 Mar 2025 10:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:112 Resp: 3794
Ion Ratio Lower Upper
112 100
77 59.1 51.7 77.5
114 31.7 28.2 34.4

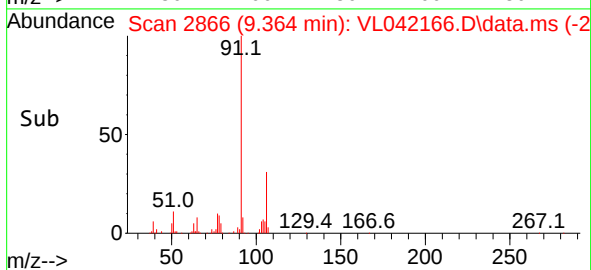
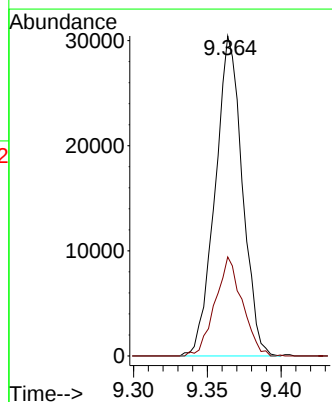
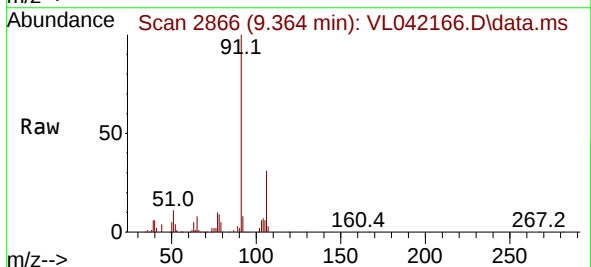
Manual Integrations
APPROVED

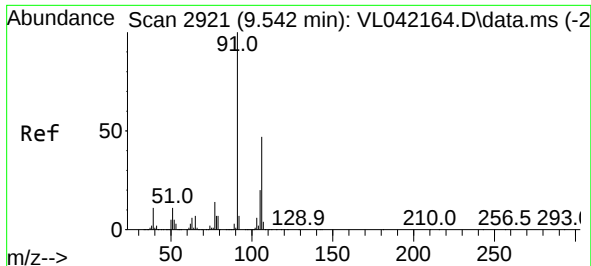
Reviewed By :Semsettin Yesilyurt 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#58
Ethyl Benzene
Concen: 0.587 ppbv
RT: 9.364 min Scan# 2866
Delta R.T. 0.000 min
Lab File: VL042166.D
Acq: 25 Mar 2025 10:00

Tgt Ion: 91 Resp: 39065
Ion Ratio Lower Upper
91 100
106 31.0 25.4 38.0





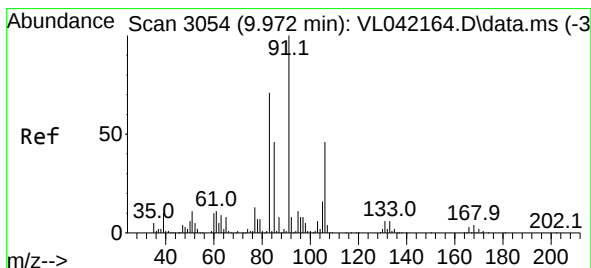
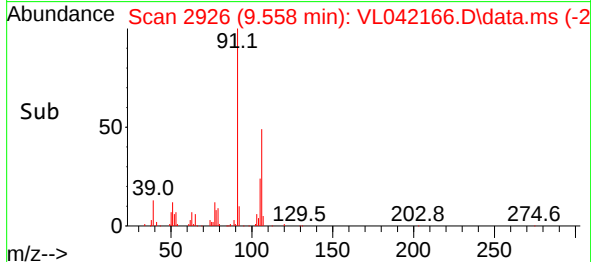
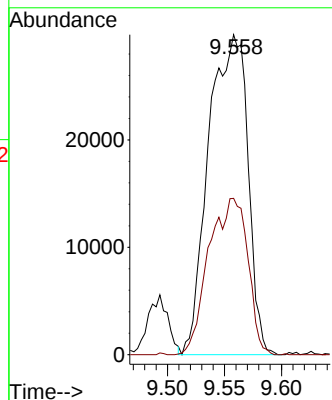
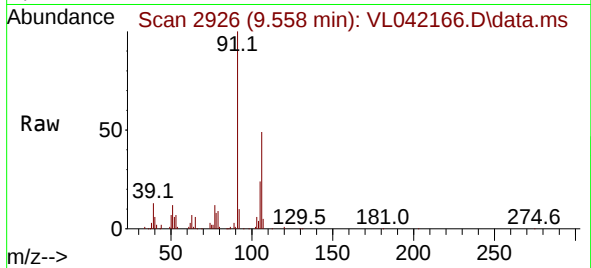
#59
m/p-Xylene
Concen: 1.317 ppbv m
RT: 9.558 min Scan# 2926
Delta R.T. 0.016 min
Lab File: VL042166.D
Acq: 25 Mar 2025 10:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 91 Resp: 7117
Ion Ratio Lower Upper
91 100
106 0.0 0.0 0.0

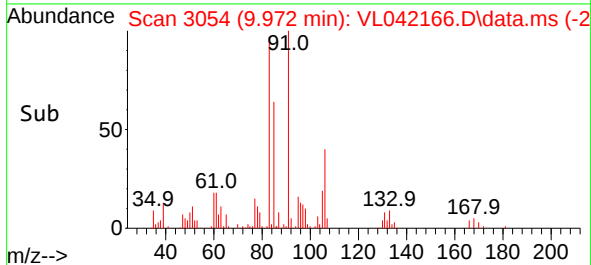
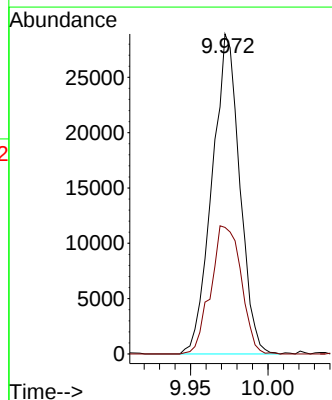
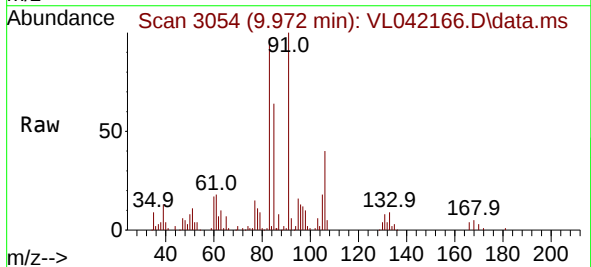
Manual Integrations
APPROVED

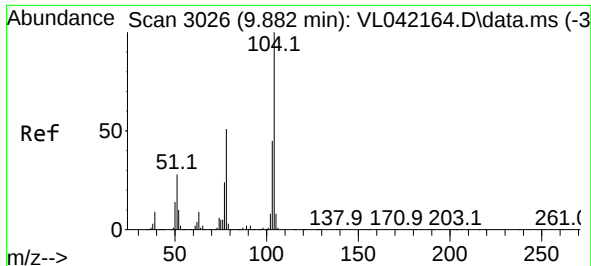
Reviewed By :Semsettin Yesilyurt 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#60
o-Xylene
Concen: 0.656 ppbv
RT: 9.972 min Scan# 3054
Delta R.T. 0.000 min
Lab File: VL042166.D
Acq: 25 Mar 2025 10:00

Tgt Ion: 91 Resp: 35807
Ion Ratio Lower Upper
91 100
106 43.9 22.7 68.0





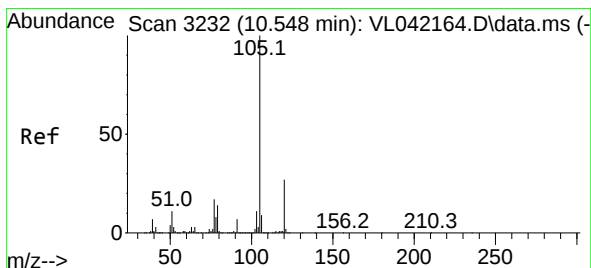
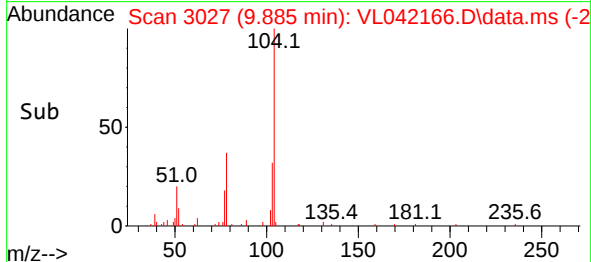
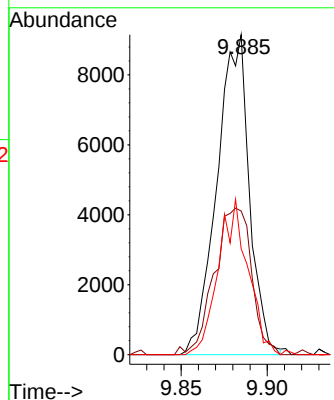
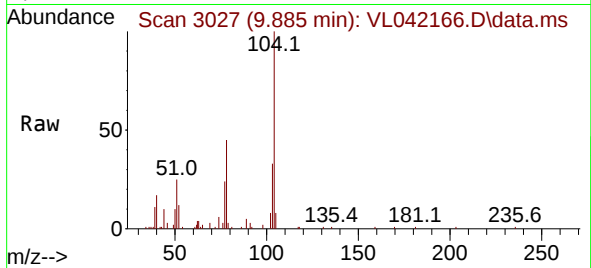
#61
Styrene
Concen: 0.482 ppbv
RT: 9.885 min Scan# 3026
Delta R.T. 0.003 min
Lab File: VL042166.D
Acq: 25 Mar 2025 10:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tgt Ion:104 Resp: 11960
Ion Ratio Lower Upper
104 100
78 53.1 39.7 59.5
103 45.1 37.4 56.2

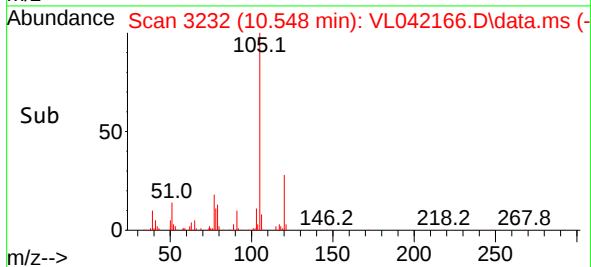
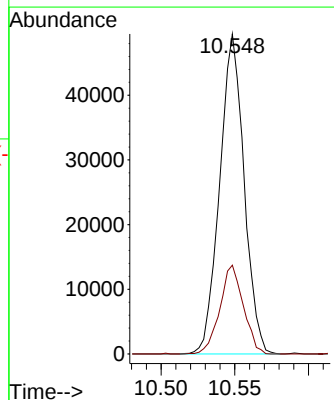
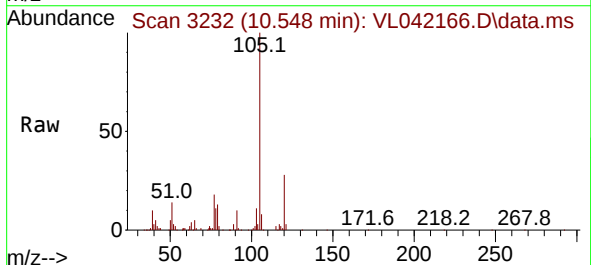
Manual Integrations
APPROVED

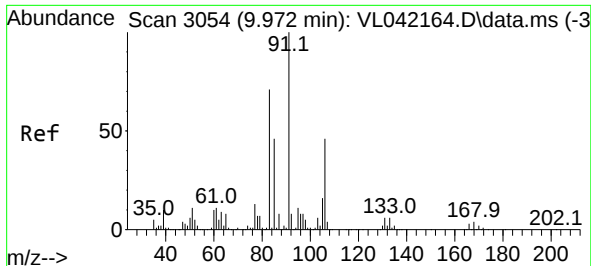
Reviewed By :Semsettin Yesilyurt 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#62
Isopropylbenzene
Concen: 0.697 ppbv
RT: 10.548 min Scan# 3232
Delta R.T. 0.000 min
Lab File: VL042166.D
Acq: 25 Mar 2025 10:00

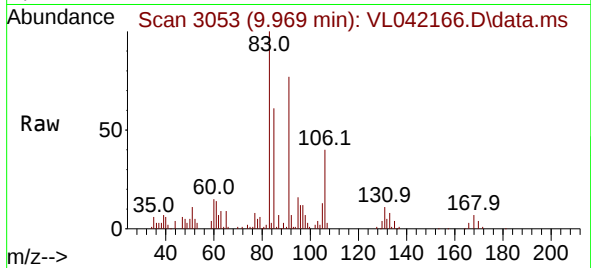
Tgt Ion:105 Resp: 56889
Ion Ratio Lower Upper
105 100
120 26.7 21.4 32.0





#63
1,1,2,2-Tetrachloroethane
Concen: 1.045 ppbv
RT: 9.969 min Scan# 3054
Delta R.T. -0.003 min
Lab File: VL042166.D
Acq: 25 Mar 2025 10:00

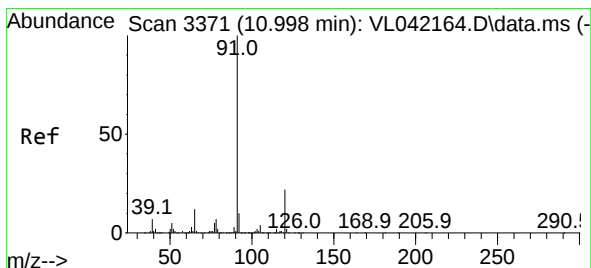
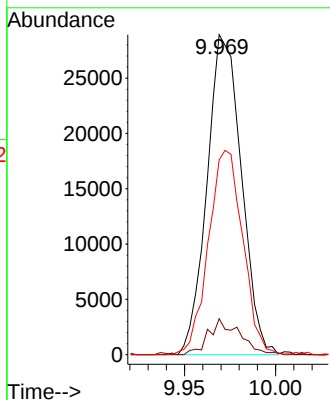
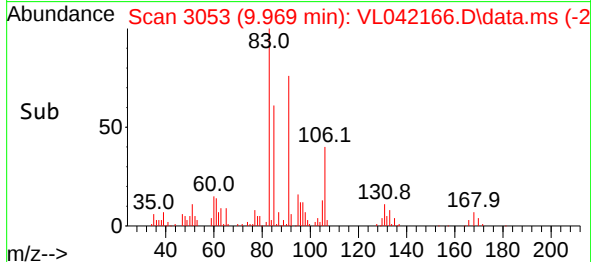
Instrument : MSVOA_L
ClientSampleId : VSTDIC001



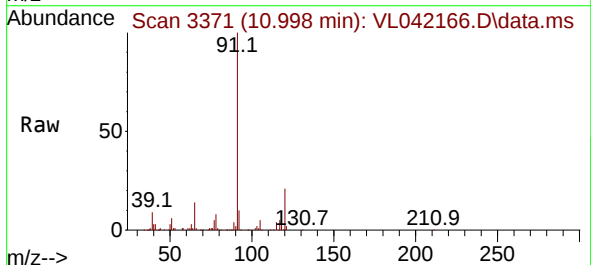
Tgt Ion: 83 Resp: 3791
Ion Ratio Lower Upper
83 100
131 10.4 4.5 13.5
85 64.1 32.3 96.9

Manual Integrations
APPROVED

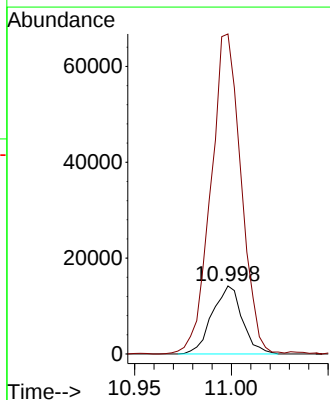
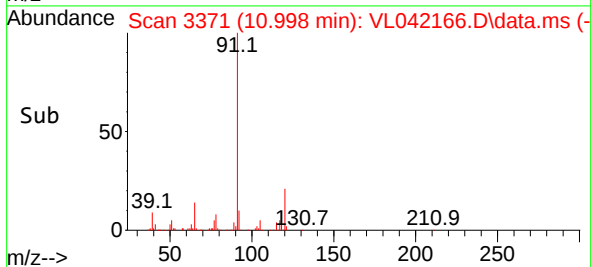
Reviewed By :Semsettin Yesilyurt 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025

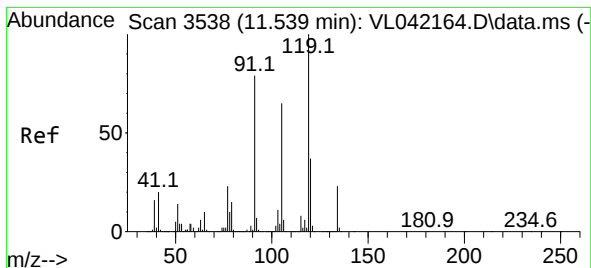


#64
n-propylbenzene
Concen: 0.708 ppbv
RT: 10.998 min Scan# 3371
Delta R.T. 0.000 min
Lab File: VL042166.D
Acq: 25 Mar 2025 10:00



Tgt Ion:120 Resp: 15310
Ion Ratio Lower Upper
120 100
91 477.3 369.8 554.8





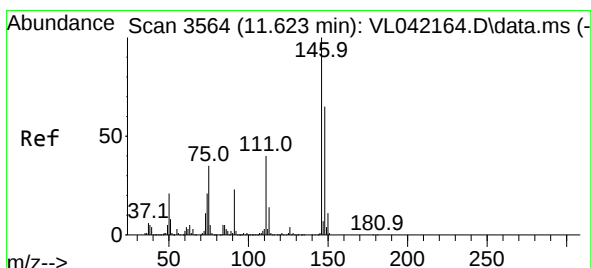
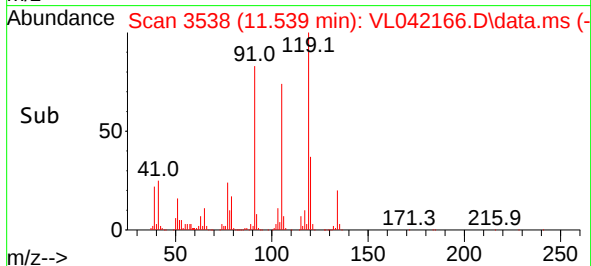
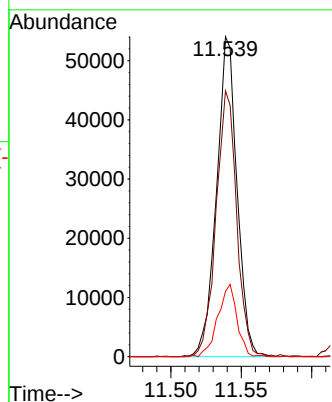
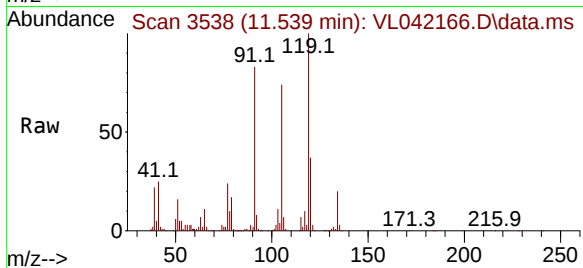
#65
tert-Butylbenzene
Concen: 0.731 ppbv
RT: 11.539 min Scan# 3538
Delta R.T. 0.000 min
Lab File: VL042166.D
Acq: 25 Mar 2025 10:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tgt Ion: 119 Resp: 54928
Ion Ratio Lower Upper
119 100
91 83.4 63.5 95.3
134 21.2 17.4 26.2

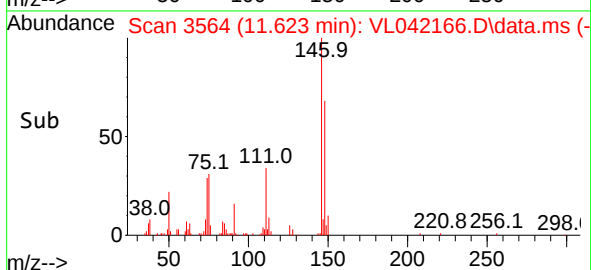
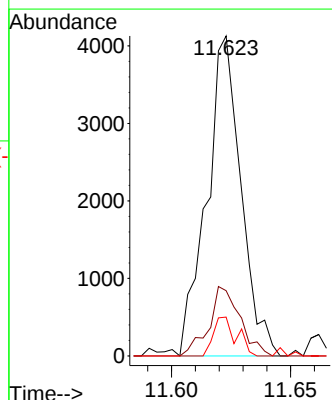
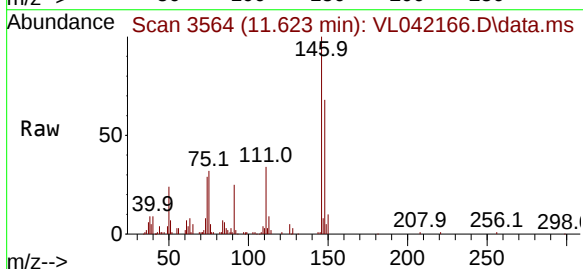
Manual Integrations
APPROVED

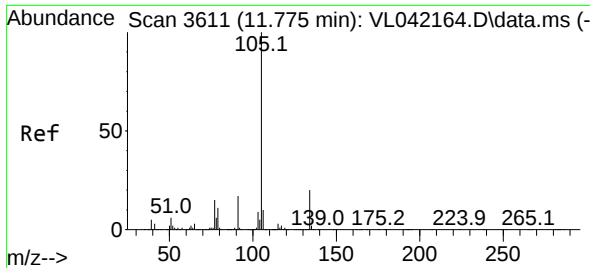
Reviewed By :Semsettin Yesilyurt 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#66
Benzyl Chloride
Concen: 0.741 ppbv
RT: 11.623 min Scan# 3564
Delta R.T. 0.000 min
Lab File: VL042166.D
Acq: 25 Mar 2025 10:00

Tgt Ion: 91 Resp: 4126
Ion Ratio Lower Upper
91 100
126 19.7 15.0 22.6
128 8.7 4.6 7.0#





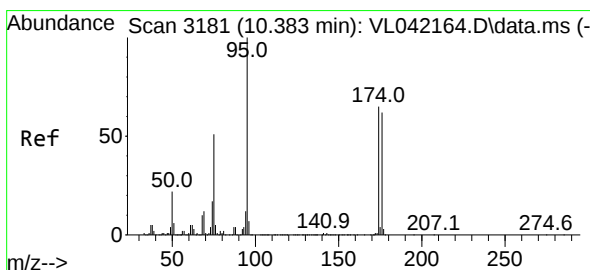
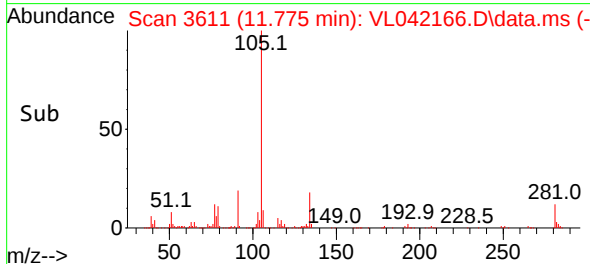
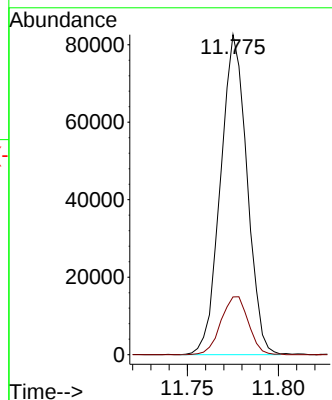
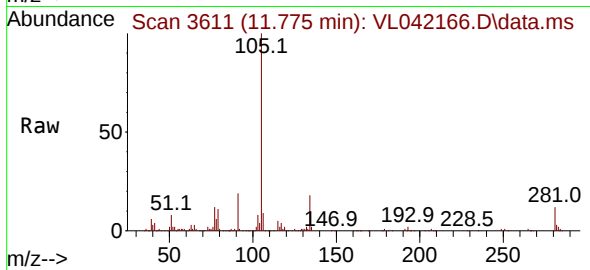
#67
 sec-Butylbenzene
 Concen: 0.776 ppbv
 RT: 11.775 min Scan# 3611
 Delta R.T. 0.000 min
 Lab File: VL042166.D
 Acq: 25 Mar 2025 10:00

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001

Tgt Ion: 105 Resp: 83580
 Ion Ratio Lower Upper
 105 100
 134 18.8 15.4 23.2

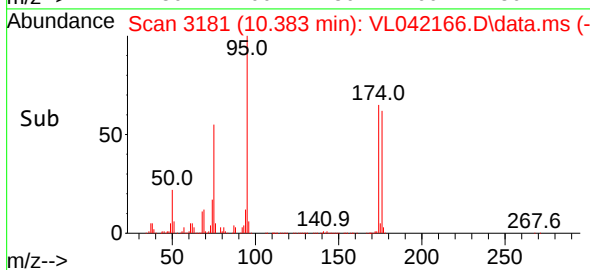
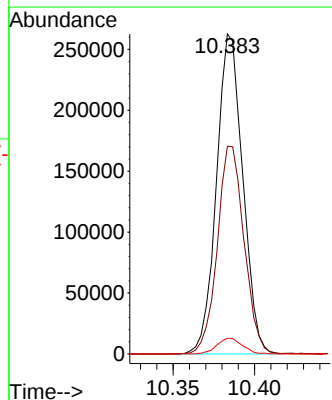
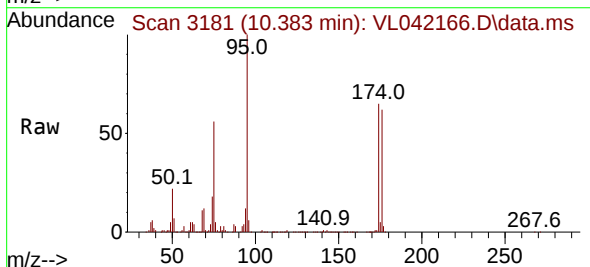
Manual Integrations
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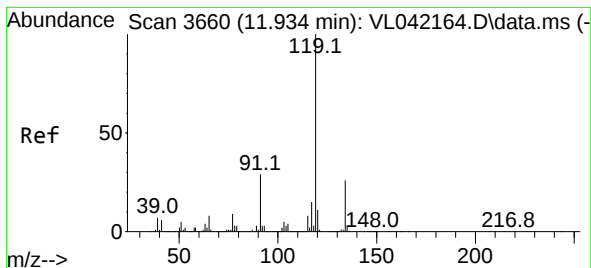
Reviewed By : Semsettin Yesilyurt 03/26/2025
 Supervised By : Mahesh Dadoda 03/26/2025



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.369 ppbv
 RT: 10.383 min Scan# 3181
 Delta R.T. 0.000 min
 Lab File: VL042166.D
 Acq: 25 Mar 2025 10:00

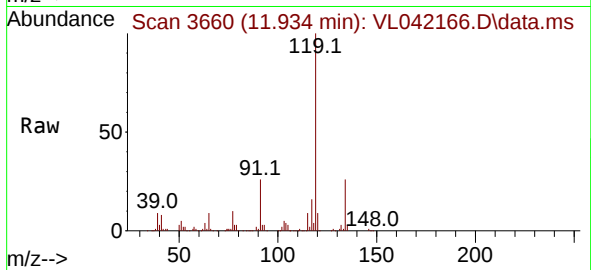
Tgt Ion: 95 Resp: 294076
 Ion Ratio Lower Upper
 95 100
 174 66.4 53.5 80.3
 175 4.8 3.8 5.8





#69
p-Isopropyltoluene
Concen: 0.735 ppbv
RT: 11.934 min Scan# 3660
Delta R.T. 0.000 min
Lab File: VL042166.D
Acq: 25 Mar 2025 10:00

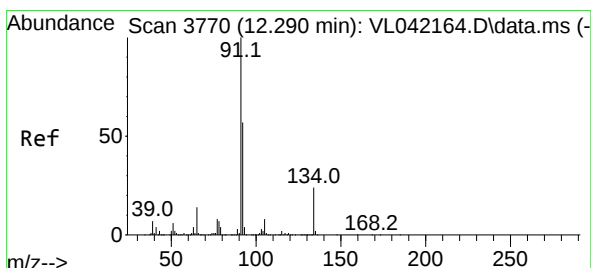
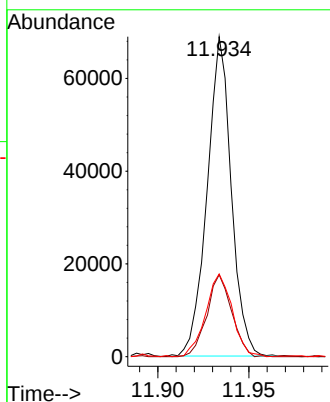
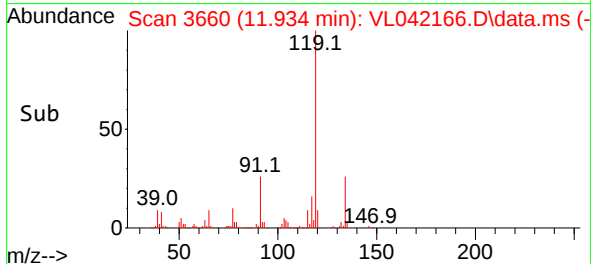
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



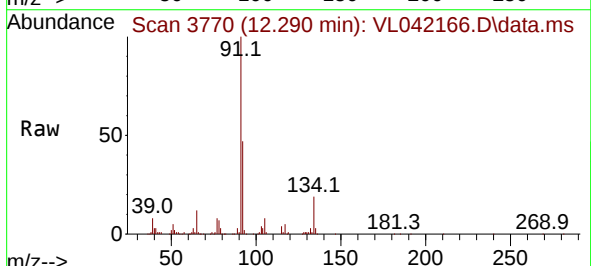
Tgt Ion: 119 Resp: 63349
Ion Ratio Lower Upper
119 100
134 26.6 21.3 31.9
91 29.1 22.4 33.6

Manual Integrations
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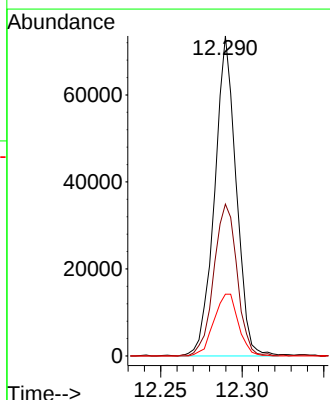
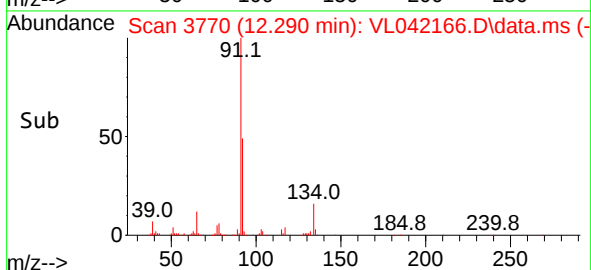
Reviewed By :Semsettin Yesilyurt 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025

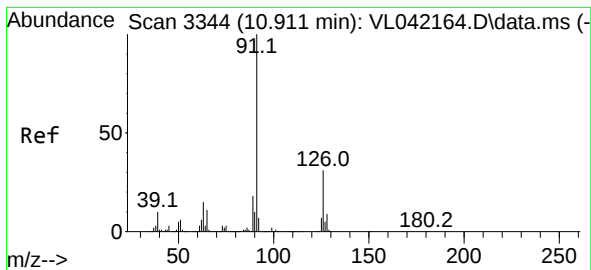


#70
n-Butylbenzene
Concen: 0.763 ppbv
RT: 12.290 min Scan# 3770
Delta R.T. 0.000 min
Lab File: VL042166.D
Acq: 25 Mar 2025 10:00



Tgt Ion: 91 Resp: 67648
Ion Ratio Lower Upper
91 100
92 51.5 44.5 66.7
134 22.0 19.1 28.7





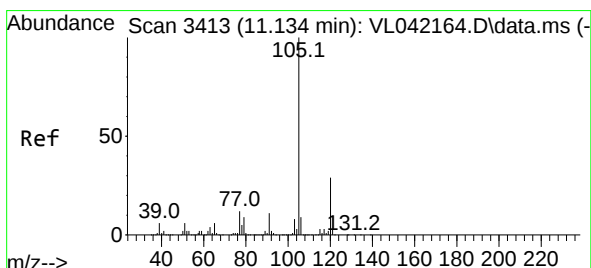
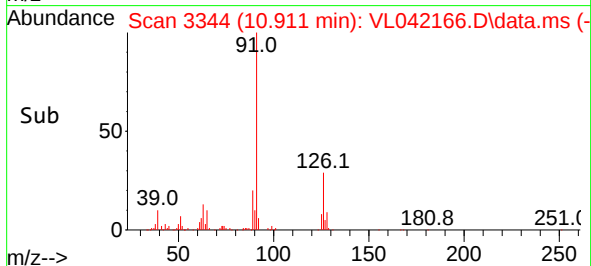
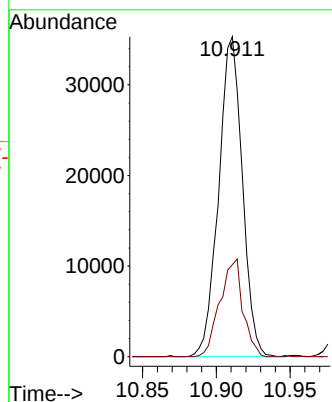
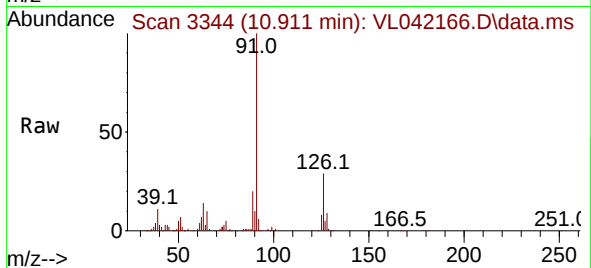
#71
2-Chlorotoluene
Concen: 0.629 ppbv
RT: 10.911 min Scan# 3344
Delta R.T. 0.000 min
Lab File: VL042166.D
Acq: 25 Mar 2025 10:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tgt Ion: 91 Resp: 3945
Ion Ratio Lower Upper
91 100
126 29.7 12.3 49.1

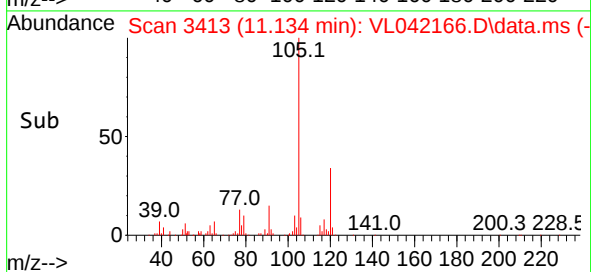
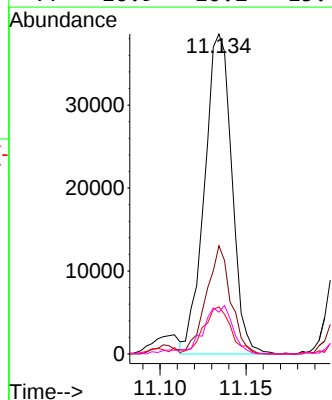
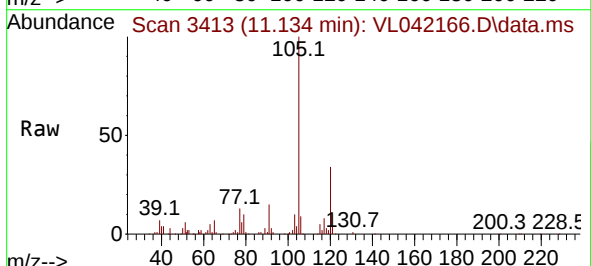
Manual Integrations
APPROVED

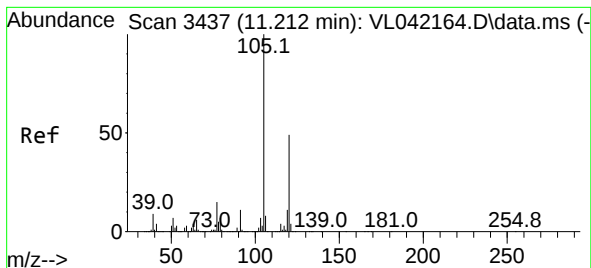
Reviewed By :Semsettin Yesilyurt 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#72
4-Ethyltoluene
Concen: 0.633 ppbv
RT: 11.134 min Scan# 3413
Delta R.T. 0.000 min
Lab File: VL042166.D
Acq: 25 Mar 2025 10:00

Tgt Ion:105 Resp: 42519
Ion Ratio Lower Upper
105 100
120 32.5 24.2 36.2
91 17.0 9.8 14.8#
77 16.9 10.2 15.4#





#73

1,3,5-Trimethylbenzene

Concen: 0.712 ppbv

RT: 11.212 min Scan# 3437

Delta R.T. 0.000 min

Lab File: VL042166.D

Acq: 25 Mar 2025 10:00

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

Tgt Ion:105 Resp: 41350

Ion Ratio Lower Upper

105 100

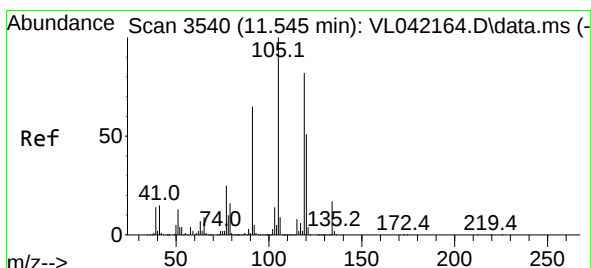
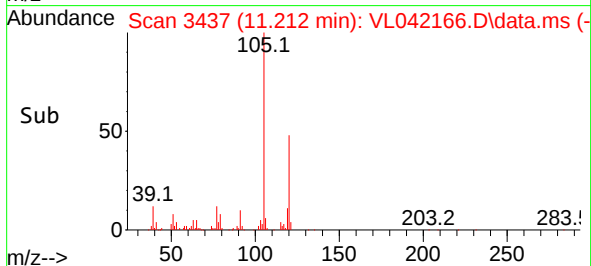
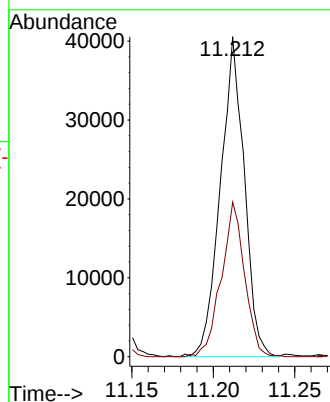
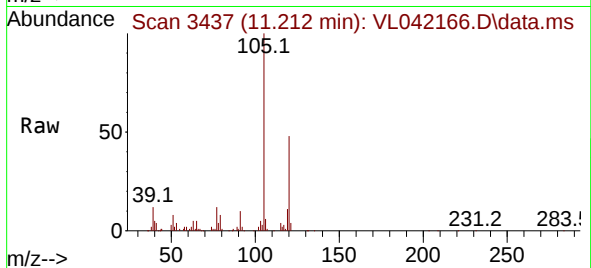
120 48.3 39.2 58.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/26/2025

Supervised By :Mahesh Dadoda 03/26/2025



#74

1,2,4-Trimethylbenzene

Concen: 0.836 ppbv

RT: 11.545 min Scan# 3540

Delta R.T. 0.000 min

Lab File: VL042166.D

Acq: 25 Mar 2025 10:00

Tgt Ion:105 Resp: 55469

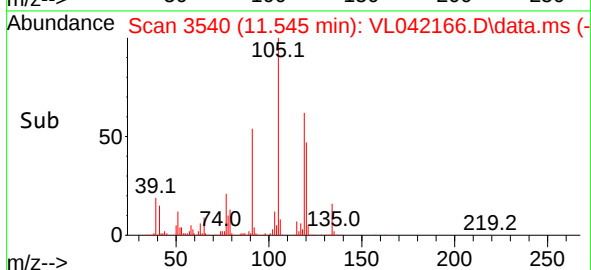
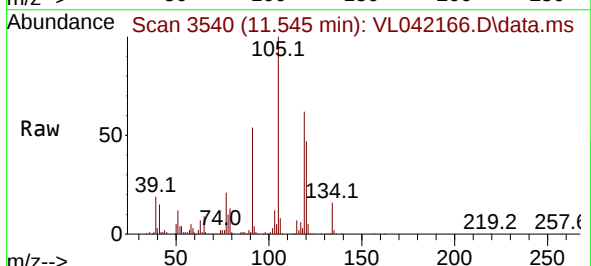
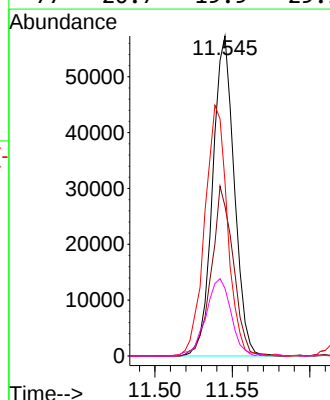
Ion Ratio Lower Upper

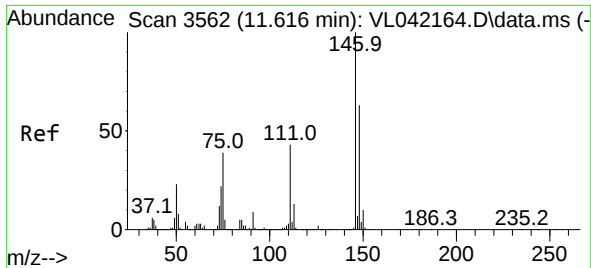
105 100

120 46.8 40.9 61.3

91 54.1 52.6 79.0

77 20.7 19.9 29.9





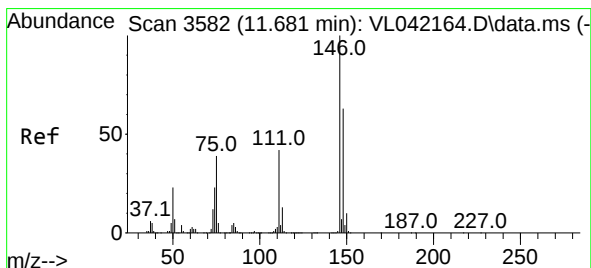
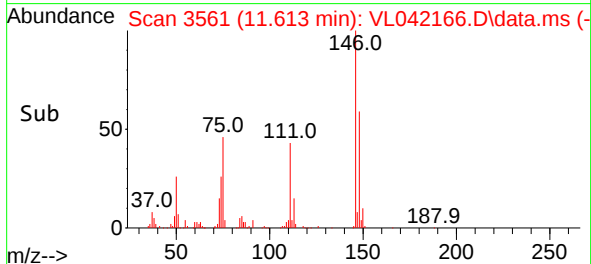
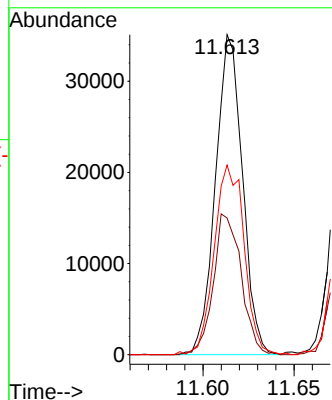
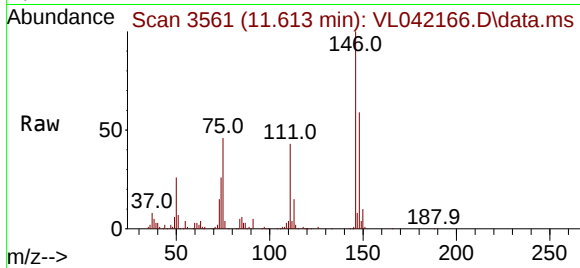
#75
1,3-Dichlorobenzene
Concen: 0.938 ppbv
RT: 11.613 min Scan# 3561
Delta R.T. -0.003 min
Lab File: VL042166.D
Acq: 25 Mar 2025 10:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tgt Ion:146 Resp: 3614
Ion Ratio Lower Upper
146 100
111 45.5 21.9 65.8
148 65.8 31.7 95.1

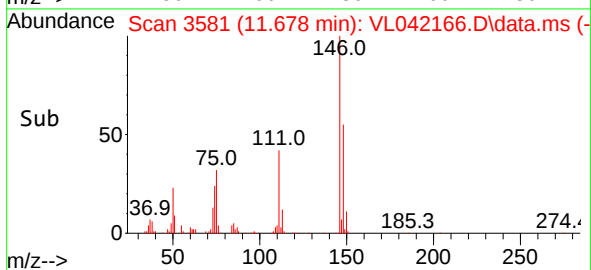
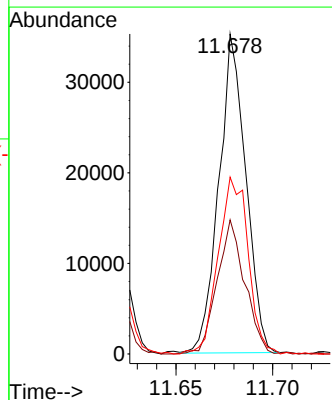
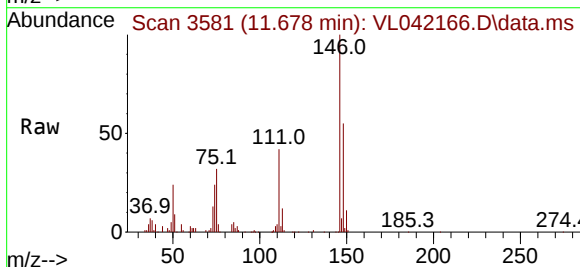
Manual Integrations
APPROVED

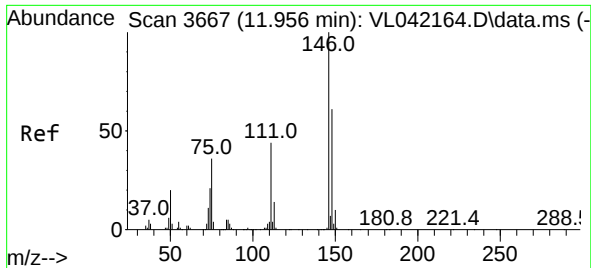
Reviewed By :Semsettin Yesilyurt 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#76
1,4-Dichlorobenzene
Concen: 0.893 ppbv
RT: 11.678 min Scan# 3581
Delta R.T. -0.003 min
Lab File: VL042166.D
Acq: 25 Mar 2025 10:00

Tgt Ion:146 Resp: 34191
Ion Ratio Lower Upper
146 100
111 43.3 21.3 64.0
148 61.5 31.8 95.3





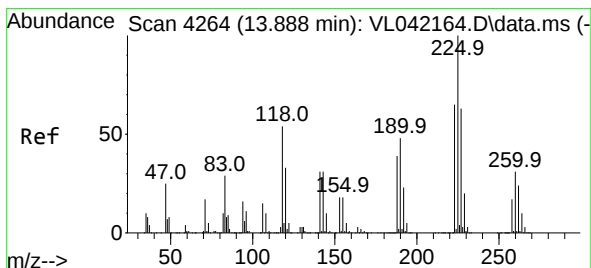
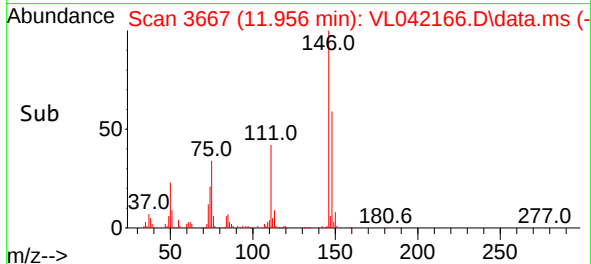
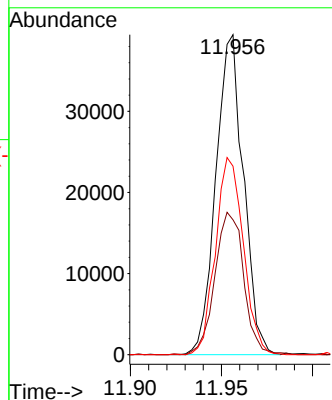
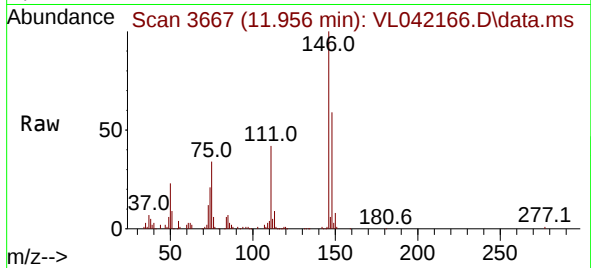
#77
1,2-Dichlorobenzene
Concen: 1.097 ppbv
RT: 11.956 min Scan# 3667
Delta R.T. 0.000 min
Lab File: VL042166.D
Acq: 25 Mar 2025 10:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tgt Ion:146 Resp: 4145
Ion Ratio Lower Upper
146 100
111 46.6 23.1 69.3
148 62.3 31.6 94.7

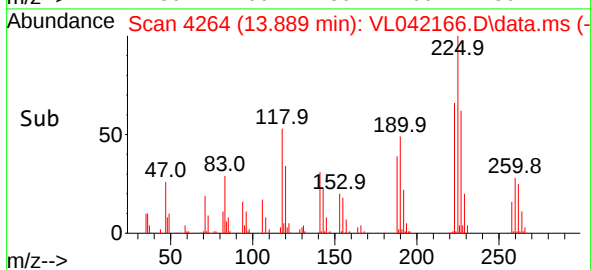
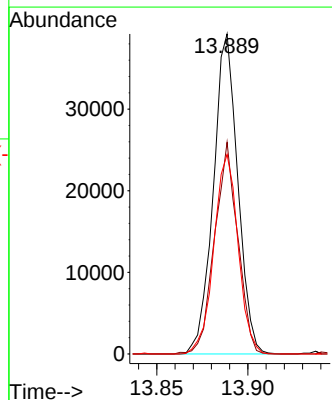
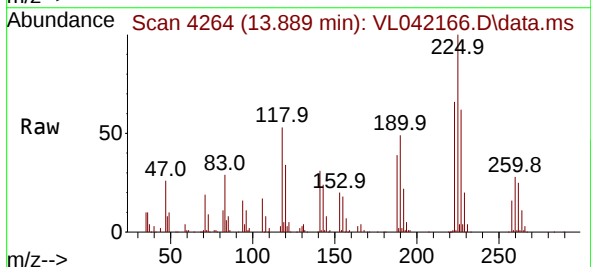
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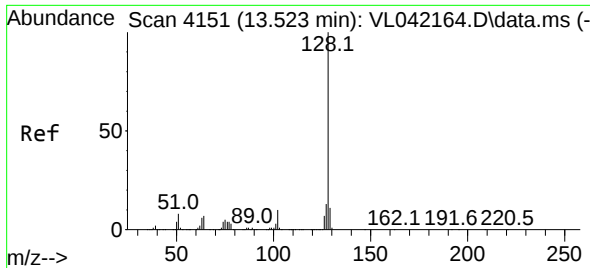
Reviewed By :Semsettin Yesilyurt 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#78
Hexachloro-1,3-Butadiene
Concen: 1.224 ppbv
RT: 13.889 min Scan# 4264
Delta R.T. 0.000 min
Lab File: VL042166.D
Acq: 25 Mar 2025 10:00

Tgt Ion:225 Resp: 36548
Ion Ratio Lower Upper
225 100
223 62.6 51.1 76.7
227 61.9 50.6 76.0





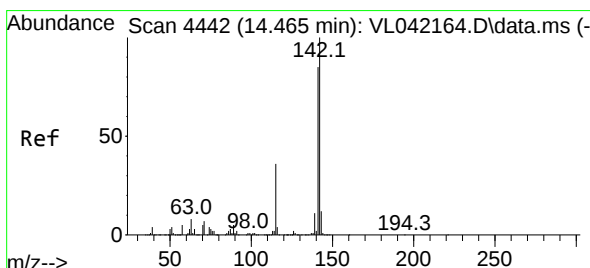
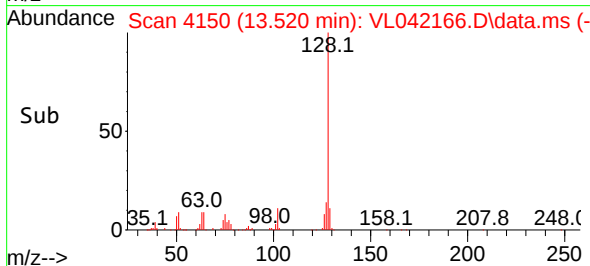
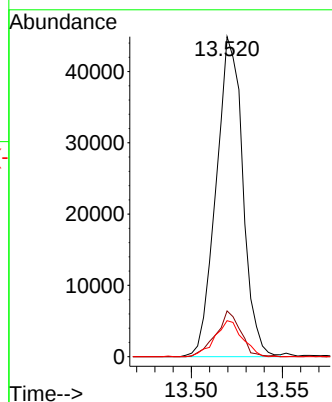
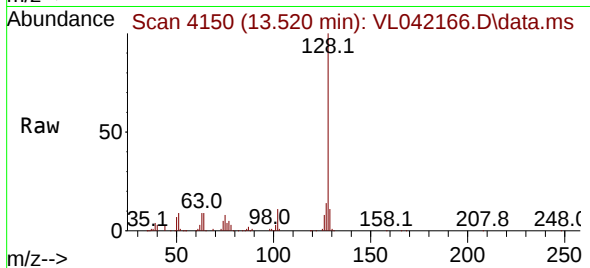
#79
Naphthalene
Concen: 0.953 ppbv
RT: 13.520 min Scan# 4151
Delta R.T. -0.003 min
Lab File: VL042166.D
Acq: 25 Mar 2025 10:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:128 Resp: 4558
Ion Ratio Lower Upper
128 100
127 14.3 10.6 16.0
129 11.2 8.7 13.1

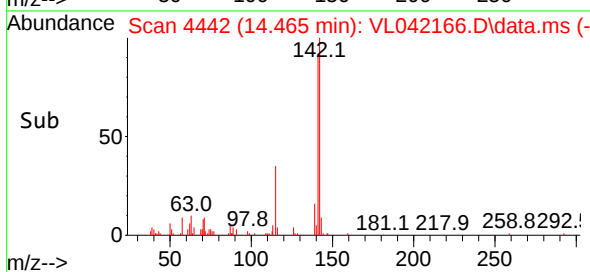
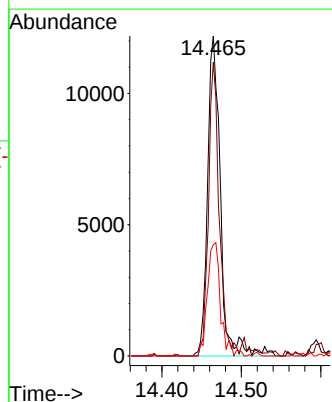
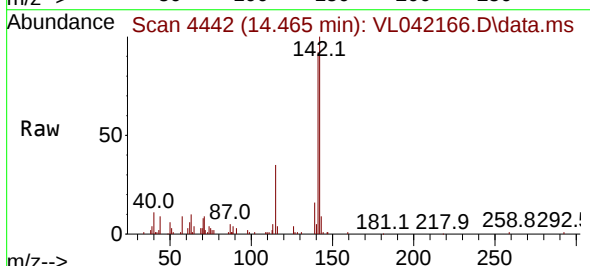
Manual Integrations
APPROVED

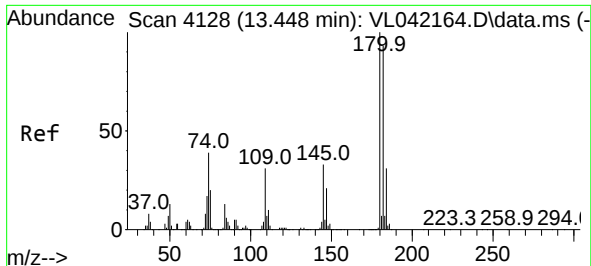
Reviewed By :Semsettin Yesilyurt 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#80
Naphthalene,2-methyl-
Concen: 0.960 ppbv
RT: 14.465 min Scan# 4442
Delta R.T. 0.000 min
Lab File: VL042166.D
Acq: 25 Mar 2025 10:00

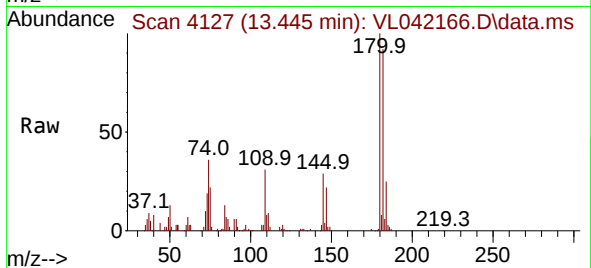
Tgt Ion:142 Resp: 13723
Ion Ratio Lower Upper
142 100
141 82.4 66.7 100.1
115 36.7 29.0 43.4





#81
 1,2,4-Trichlorobenzene
 Concen: 0.869 ppbv
 RT: 13.445 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VL042166.D
 Acq: 25 Mar 2025 10:00

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001



Tgt Ion:180 Resp: 2289
 Ion Ratio Lower Upper
 180 100
 182 99.8 76.3 114.5
 184 32.1 24.4 36.6

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/26/2025
 Supervised By :Mahesh Dadoda 03/26/2025

