

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL091725\
 Data File : VL042929.D
 Acq On : 17 Sep 2025 10:12
 Operator : SY/MD
 Sample : VSTDICCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 09/18/2025
 Supervised By : Mahesh Dadoda 09/18/2025

Quant Time: Sep 18 02:26:40 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091725AIR.M

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

QLast Update : Thu Sep 18 02:25:28 2025

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.787	49	163089	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.959	114	420635	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.885	117	368110	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 10.380 95 296698 10.312 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 103.100%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.496	85	6608	0.284	ppbv	92
3) Chlorodifluoromethane	1.473	51	37093	1.512	ppbv	97
4) Chloromethane	1.531	50	61955	6.618	ppbv	98
5) Vinyl Chloride	1.580	62	77207	8.742	ppbv	98
6) Bromomethane	1.667	94	27780	9.051	ppbv	89
7) Chloroethane	1.706	64	30335	9.325	ppbv	99
8) Dichlorotetrafluoroethane	1.554	85	172673	9.342	ppbv	98
9) Propene	1.887	41	9886	1.104	ppbv	93
10) Heptane	4.985	43	259162	11.678	ppbv	100
11) Trichlorofluoromethane	1.878	101	203439	8.840	ppbv	94
12) 1,1,2-Trichlorotrifluoro...	2.140	101	150894	8.393	ppbv	94
13) Ethanol	1.722	45	7434	8.140	ppbv	97
14) Bromoethene	1.784	108	58961	9.205	ppbv	97
15) Acetone	1.836	43	158108	7.893	ppbv	98
16) 1,3-Butadiene	1.609	39	76701	9.154	ppbv	97
17) tert-Butyl alcohol	2.043	59	176930	9.172	ppbv	99
18) 1,1-Dichloroethene	2.033	96	71337	9.065	ppbv	99
19) Isopropyl Alcohol	1.887	45	98089	9.133	ppbv #	1
20) Methylene Chloride	2.062	84	59220	6.790	ppbv	88
21) Allyl Chloride	2.098	41	119674	8.813	ppbv	97
22) trans-1,2-Dichloroethene	2.340	96	76972	8.629	ppbv	96
23) Vinyl Acetate	2.463	43	251355	10.799	ppbv	98
24) 1,1-Dichloroethane	2.408	63	157152	8.919	ppbv	99
25) Ethyl Acetate	2.836	43	463443	10.834	ppbv	100
26) Hexane	2.826	57	205029	11.169	ppbv	99
27) Carbon Disulfide	2.150	76	197538	8.725	ppbv	98
28) Methyl tert-Butyl Ether	2.441	73	88128	8.737	ppbv	99
29) Chloroform	2.849	83	301189	10.038	ppbv	97
30) Cyclohexane	3.858	84	166665	12.051	ppbv	99
31) cis-1,2-Dichloroethene	2.722	61	193922	10.820	ppbv	98
32) 1,1,1-Trichloroethane	3.370	97	279906	9.970	ppbv	99
34) 2-Butanone	2.557	43	293170	10.752	ppbv	100
35) Carbon Tetrachloride	3.765	117	285189	9.538	ppbv	96
36) Benzene	3.658	78	399662	10.893	ppbv	98
37) 1,2-Dichloroethane	3.221	62	223264	10.160	ppbv	100
38) Trichloroethene	4.551	130	169233	10.189	ppbv	93
39) 1,2-Dichloropropane	4.318	63	151400	10.213	ppbv	93
40) 1,4-Dioxane	4.587	88	61955	11.780	ppbv #	96
41) Tetrahydrofuran	3.056	42	160822	11.997	ppbv	99
42) Bromodichloromethane	4.493	83	321780	10.204	ppbv	96
43) Methyl Methacrylate	4.881	69	148264	12.048	ppbv	99
44) 2,2,4-Trimethylpentane	4.645	57	702376	11.477	ppbv	99
45) t-1,3-Dichloropropene	6.419	75	150557	11.623	ppbv	95

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Quant Time: Sep 18 02:26:40 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091725AIR.M

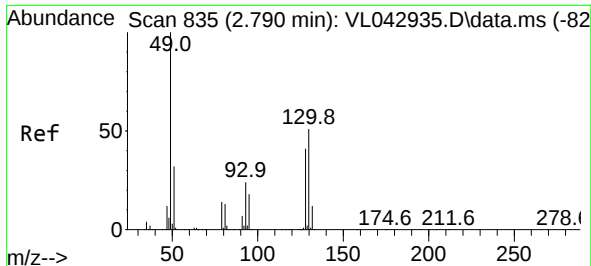
Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Thu Sep 18 02:25:28 2025

Response via : Initial Calibration

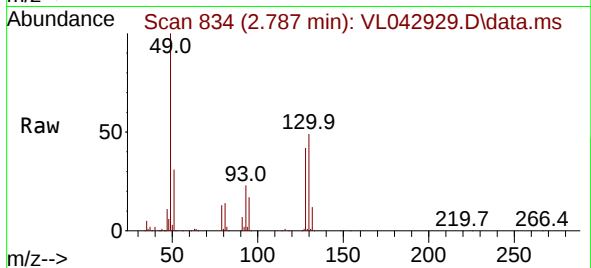
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.603	75	210588	11.793	ppbv	97
47) 1,1,2-Trichloroethane	6.587	97	156254	10.335	ppbv	94
48) Dibromochloromethane	7.390	129	245632	10.373	ppbv	99
49) Bromoform	9.487	173	197592	10.691	ppbv	99
50) 4-Methyl-2-Pentanone	5.755	43	396693	12.210	ppbv	99
51) 2-Hexanone	7.441	43	313315	13.102	ppbv	99
52) Tetrachloroethene	8.228	164	116562	10.215	ppbv	96
53) Toluene	6.936	91	434246	12.698	ppbv	99
54) 1,2-Dibromoethane	7.655	107	213767	10.994	ppbv	97
56) 1,1,1,2-Tetrachloroethane	8.927	131	183433	9.779	ppbv	99
57) Chlorobenzene	8.927	112	343401	10.093	ppbv	99
58) Ethyl Benzene	9.357	91	599625	12.644	ppbv	97
59) m/p-Xylene	9.555	91	989018m	24.676	ppbv	
60) o-Xylene	9.966	91	491964	12.347	ppbv	100
61) Styrene	9.875	104	203700	9.892	ppbv	99
62) Isopropylbenzene	10.542	105	700802	12.074	ppbv	99
63) 1,1,2,2-Tetrachloroethane	9.966	83	289211	10.050	ppbv	99
64) n-propylbenzene	10.992	120	181512	12.062	ppbv	98
65) tert-Butylbenzene	11.536	119	617201	12.444	ppbv	99
66) Benzyl Chloride	11.617	91	57156	12.402	ppbv	99
67) sec-Butylbenzene	11.769	105	913111	12.101	ppbv	100
69) p-Isopropyltoluene	11.927	119	746887	12.844	ppbv	99
70) n-Butylbenzene	12.283	91	803213	10.324	ppbv	100
71) 2-Chlorotoluene	10.905	91	537404	12.478	ppbv	100
72) 4-Ethyltoluene	11.128	105	595279	9.895	ppbv	100
73) 1,3,5-Trimethylbenzene	11.206	105	492441	12.492	ppbv	99
74) 1,2,4-Trimethylbenzene	11.539	105	566360	12.226	ppbv	92
75) 1,3-Dichlorobenzene	11.610	146	319951	10.894	ppbv	100
76) 1,4-Dichlorobenzene	11.675	146	322422	11.411	ppbv	99
77) 1,2-Dichlorobenzene	11.950	146	314913	10.627	ppbv	100
78) Hexachloro-1,3-Butadiene	13.882	225	184323	9.740	ppbv	100
79) Naphthalene	13.517	128	477029	9.803	ppbv	99
80) Naphthalene,2-methyl-	14.458	142	137120	8.988	ppbv	99
81) 1,2,4-Trichlorobenzene	13.442	180	226897	9.719	ppbv	99

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.787 min Scan# 81
Delta R.T. -0.003 min
Lab File: VL042929.D
Acq: 17 Sep 2025 10:12

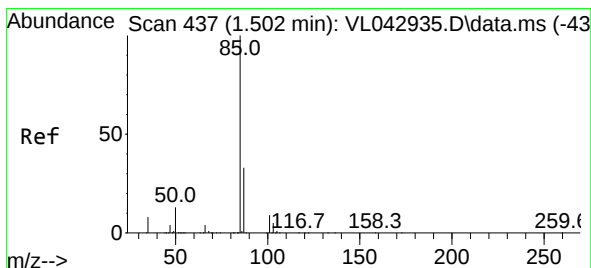
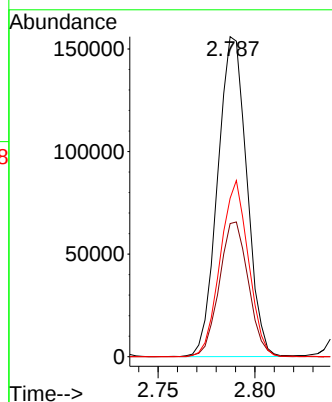
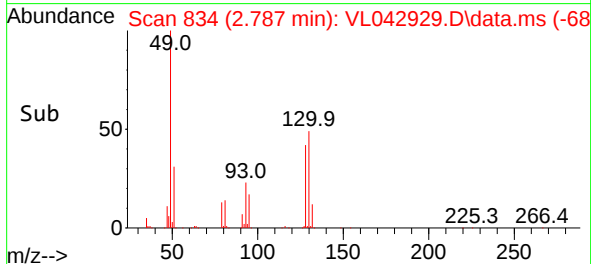
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



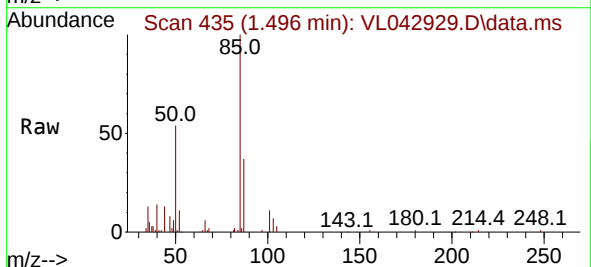
Tgt Ion: 49 Resp: 163089
Ion Ratio Lower Upper
49 100
128 42.0 21.1 63.4
130 53.1 26.4 79.2

Manual Integrations
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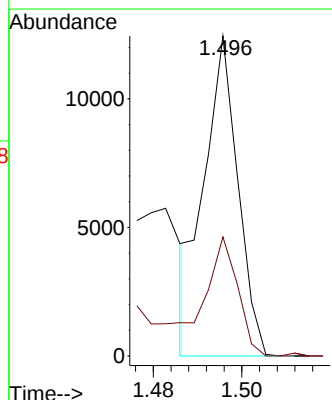
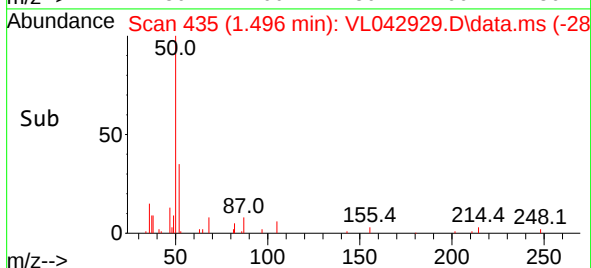
Reviewed By :Semsettin Yesilyurt 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025

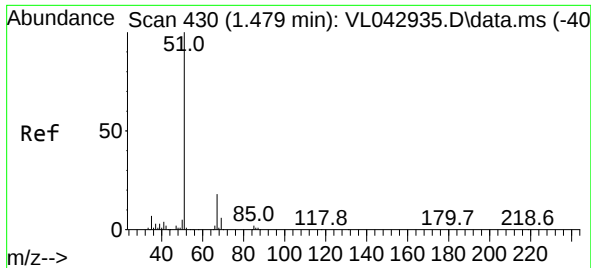


#2
Dichlorodifluoromethane
Concen: 0.284 ppbv
RT: 1.496 min Scan# 435
Delta R.T. -0.006 min
Lab File: VL042929.D
Acq: 17 Sep 2025 10:12



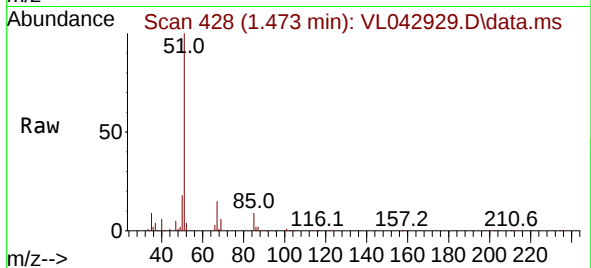
Tgt Ion: 85 Resp: 6608
Ion Ratio Lower Upper
85 100
87 37.2 26.1 39.1





#3
Chlorodifluoromethane
Concen: 1.512 ppbv
RT: 1.473 min Scan# 41
Delta R.T. -0.006 min
Lab File: VL042929.D
Acq: 17 Sep 2025 10:12

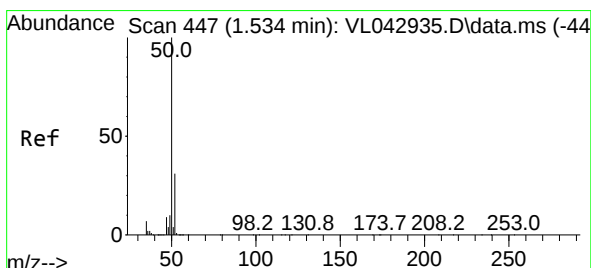
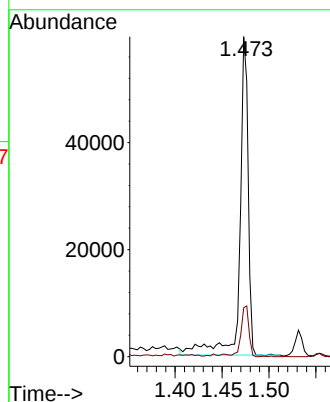
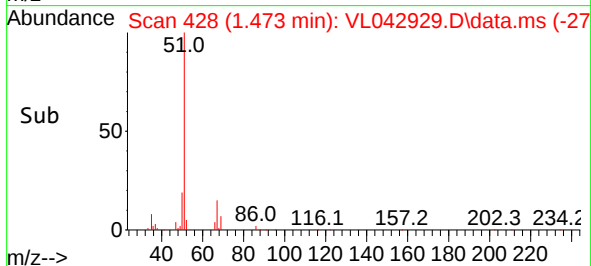
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



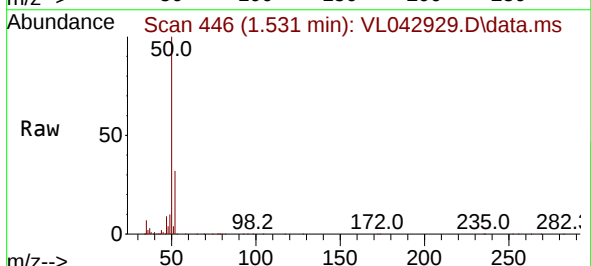
Tgt Ion: 51 Resp: 3709
Ion Ratio Lower Upper
51 100
67 16.2 14.1 21.1

Manual Integrations
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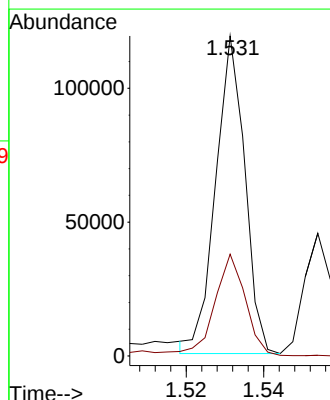
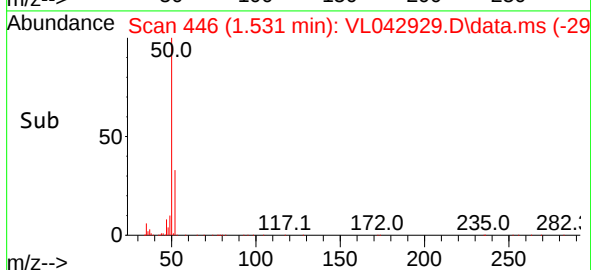
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Supervised By :Mahesh Dadoda 09/18/2025

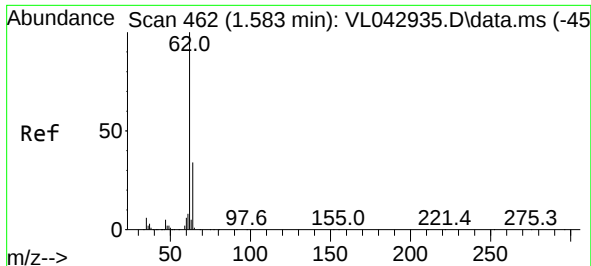


#4
Chloromethane
Concen: 6.618 ppbv
RT: 1.531 min Scan# 446
Delta R.T. -0.003 min
Lab File: VL042929.D
Acq: 17 Sep 2025 10:12



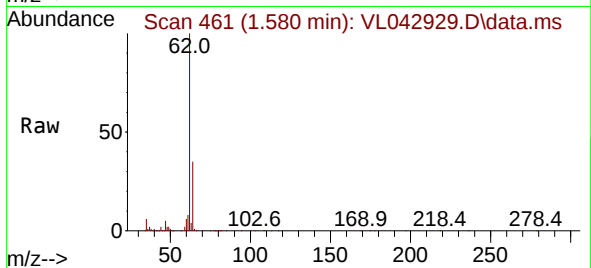
Tgt Ion: 50 Resp: 61955
Ion Ratio Lower Upper
50 100
52 31.8 24.6 36.8





#5
 Vinyl Chloride
 Concen: 8.742 ppbv
 RT: 1.580 min Scan# 461
 Delta R.T. -0.003 min
 Lab File: VL042929.D
 Acq: 17 Sep 2025 10:12

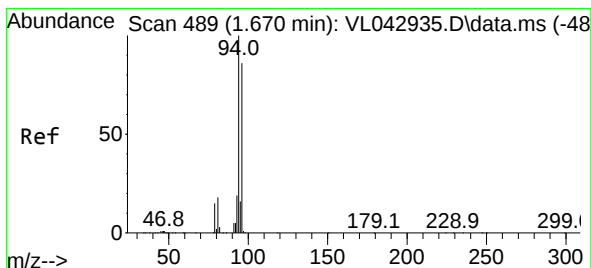
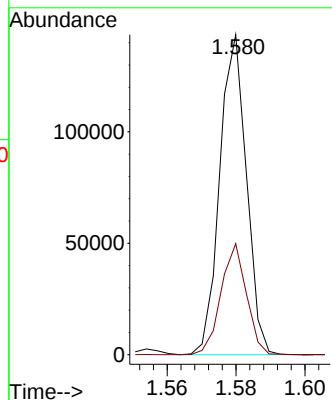
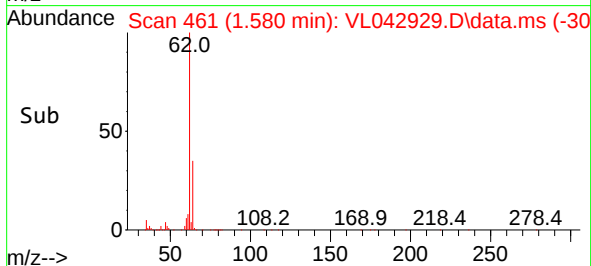
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



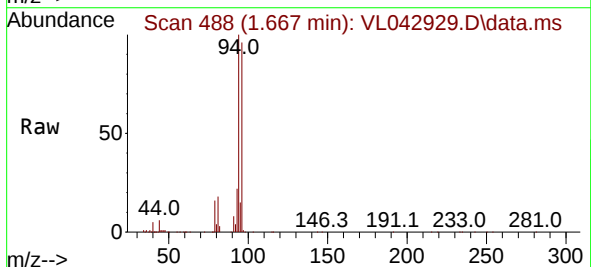
Tgt Ion: 62 Resp: 7720
 Ion Ratio Lower Upper
 62 100
 64 34.7 27.0 40.6

Manual Integrations
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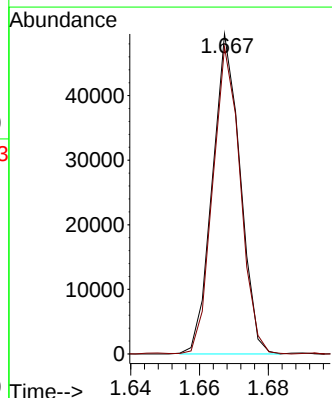
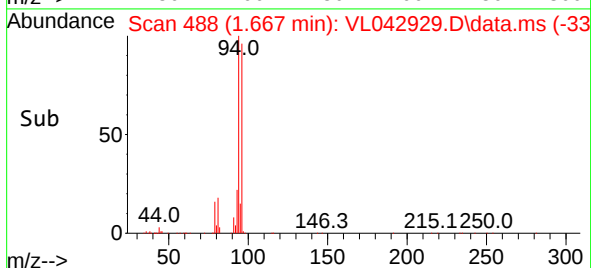
Reviewed By :Semsettin Yesilyurt 09/18/2025
 Supervised By :Mahesh Dadoda 09/18/2025

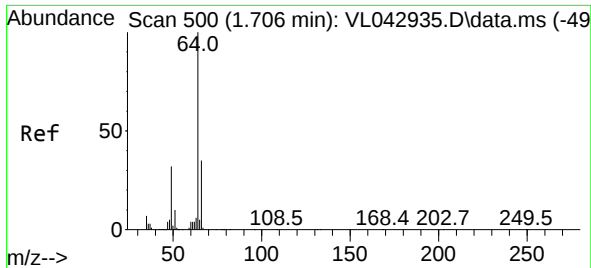


#6
 Bromomethane
 Concen: 9.051 ppbv
 RT: 1.667 min Scan# 488
 Delta R.T. -0.003 min
 Lab File: VL042929.D
 Acq: 17 Sep 2025 10:12



Tgt Ion: 94 Resp: 27780
 Ion Ratio Lower Upper
 94 100
 96 95.8 68.6 103.0





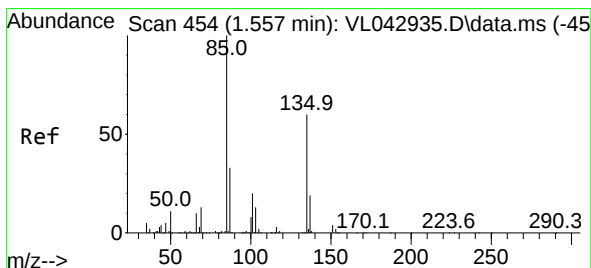
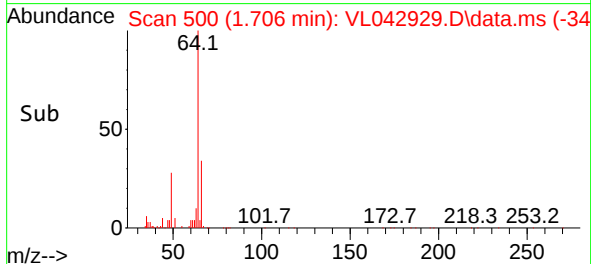
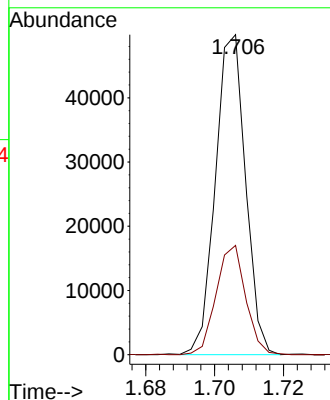
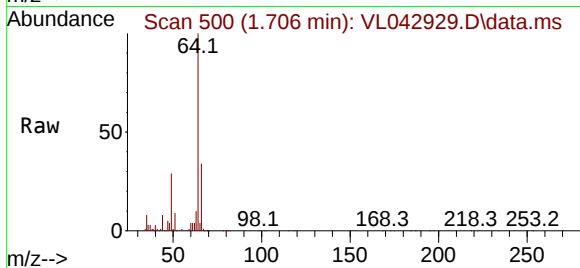
#7
Chloroethane
Concen: 9.325 ppbv
RT: 1.706 min Scan# 500
Delta R.T. 0.000 min
Lab File: VL042929.D
Acq: 17 Sep 2025 10:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 64 Resp: 30335
Ion Ratio Lower Upper
64 100
66 34.2 27.9 41.9

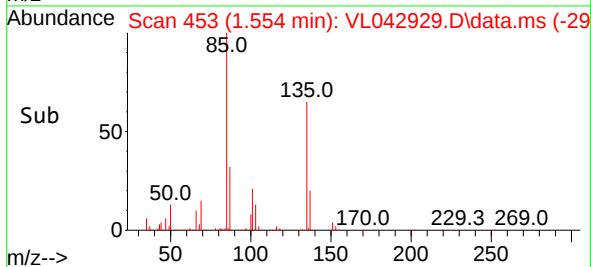
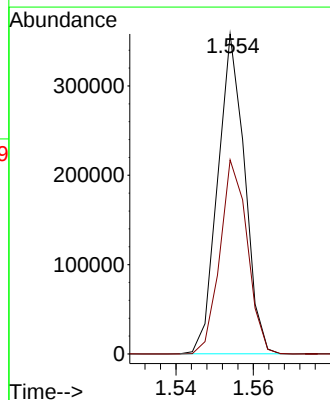
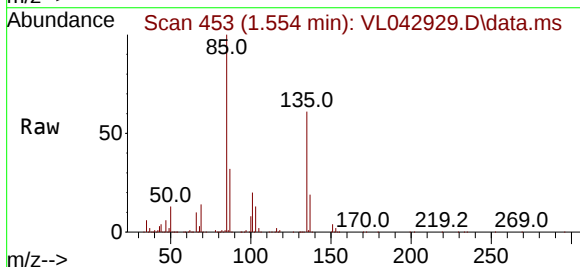
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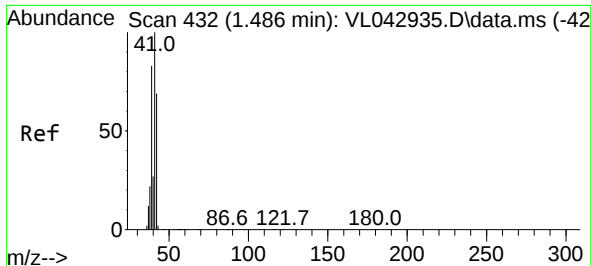
Reviewed By :Semsettin Yesilyurt 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025



#8
Dichlorotetrafluoroethane
Concen: 9.342 ppbv
RT: 1.554 min Scan# 453
Delta R.T. -0.003 min
Lab File: VL042929.D
Acq: 17 Sep 2025 10:12

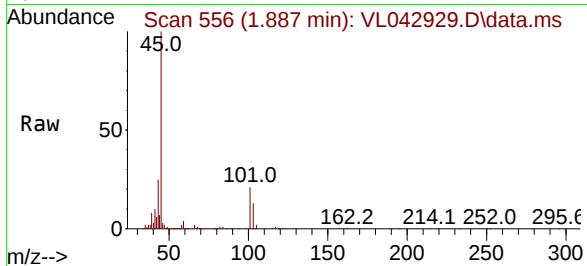
Tgt Ion: 85 Resp: 172673
Ion Ratio Lower Upper
85 100
135 61.8 48.1 72.1





#9
 Propene
 Concen: 1.104 ppbv
 RT: 1.887 min Scan# 51
 Delta R.T. 0.402 min
 Lab File: VL042929.D
 Acq: 17 Sep 2025 10:12

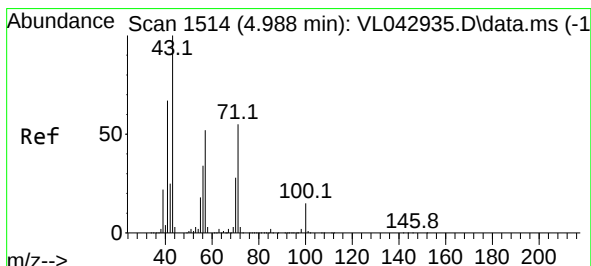
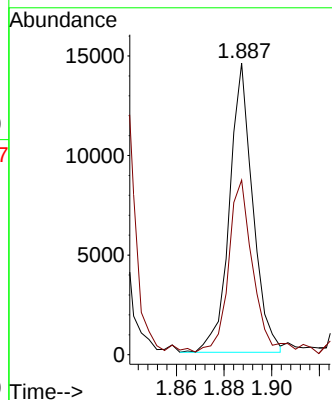
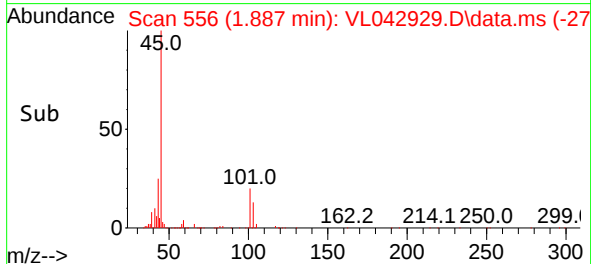
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



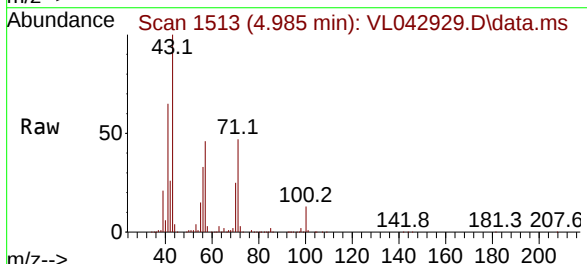
Tgt Ion: 41 Resp: 9880
 Ion Ratio Lower Upper
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 42 62.7 55.0 82.4

Manual Integrations
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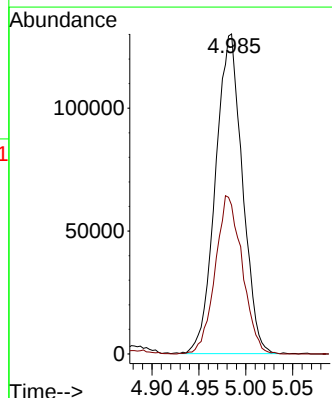
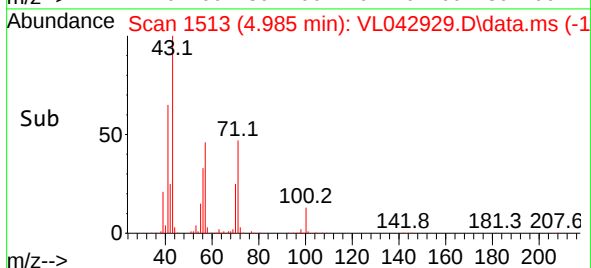
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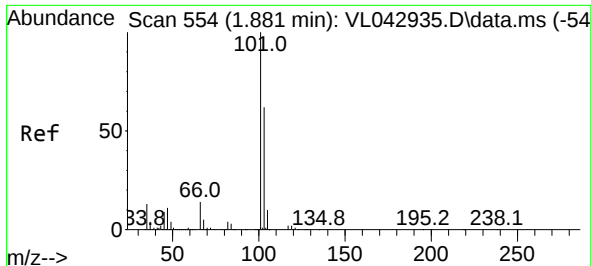


#10
 Heptane
 Concen: 11.678 ppbv
 RT: 4.985 min Scan# 1513
 Delta R.T. -0.003 min
 Lab File: VL042929.D
 Acq: 17 Sep 2025 10:12



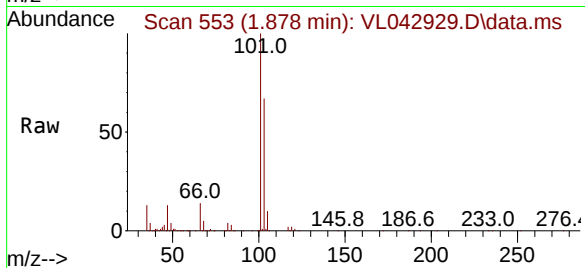
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 Ion Ratio Lower Upper
 43 100
 57 49.8 39.8 59.8





#11
 Trichlorofluoromethane
 Concen: 8.840 ppbv
 RT: 1.878 min Scan# 511
 Delta R.T. -0.003 min
 Lab File: VL042929.D
 Acq: 17 Sep 2025 10:12

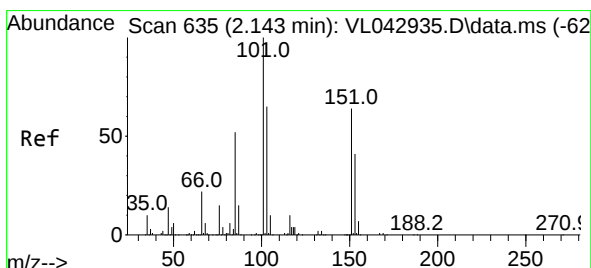
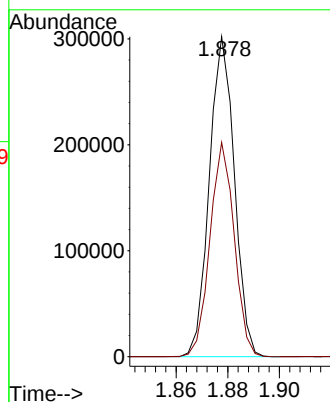
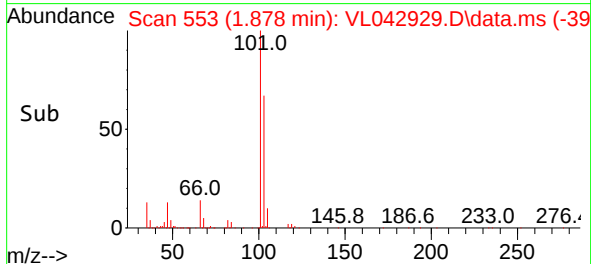
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



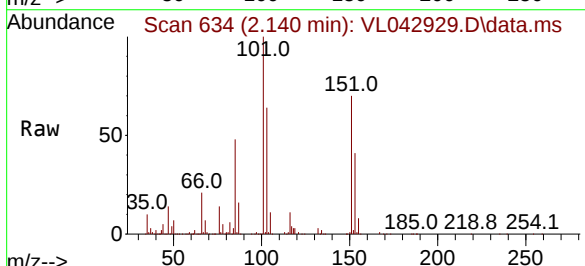
Tgt Ion:101 Resp: 203439
 Ion Ratio Lower Upper
 101 100
 103 66.9 49.6 74.4

Manual Integrations
 APPROVED

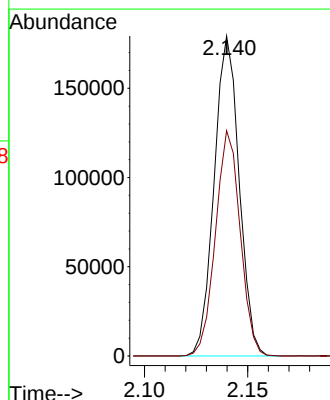
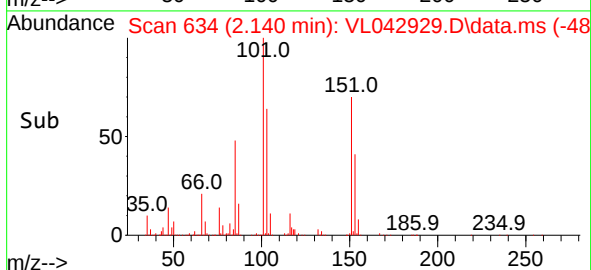
Reviewed By :Semsettin Yesilyurt 09/18/2025
 Supervised By :Mahesh Dadoda 09/18/2025

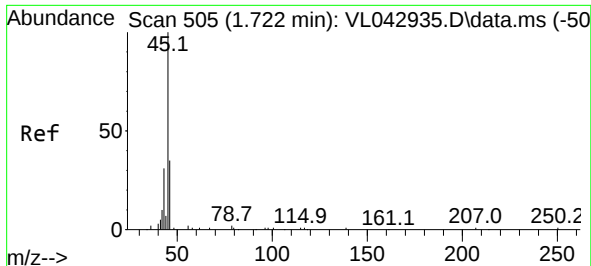


#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 8.393 ppbv
 RT: 2.140 min Scan# 634
 Delta R.T. -0.003 min
 Lab File: VL042929.D
 Acq: 17 Sep 2025 10:12



Tgt Ion:101 Resp: 150894
 Ion Ratio Lower Upper
 101 100
 151 69.5 51.9 77.9





#13

Ethanol

Concen: 8.140 ppbv

RT: 1.722 min Scan# 505

Delta R.T. 0.000 min

Lab File: VL042929.D

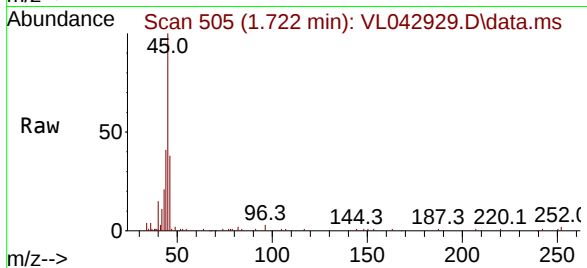
Acq: 17 Sep 2025 10:12

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

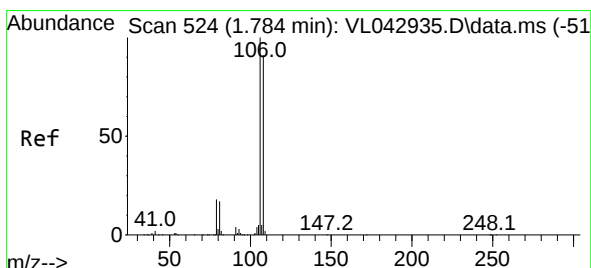
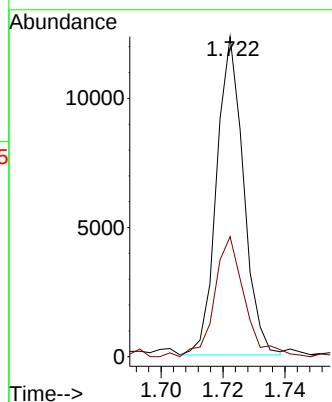
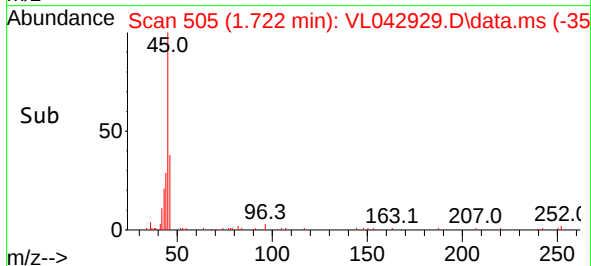


Tgt Ion:	45	Resp:	7434
Ion Ratio	Lower	Upper	
45	100		
46	43.0	16.5	66.1

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025



#14

Bromoethene

Concen: 9.205 ppbv

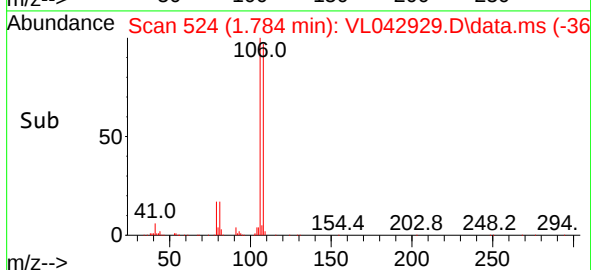
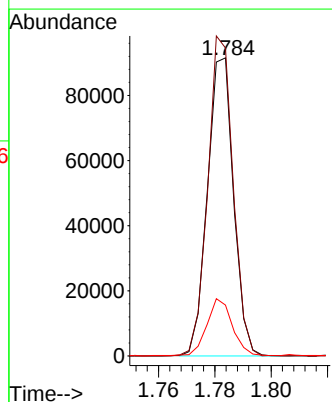
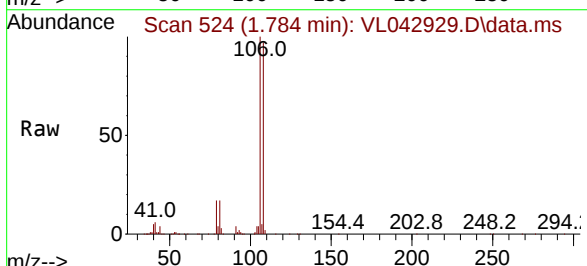
RT: 1.784 min Scan# 524

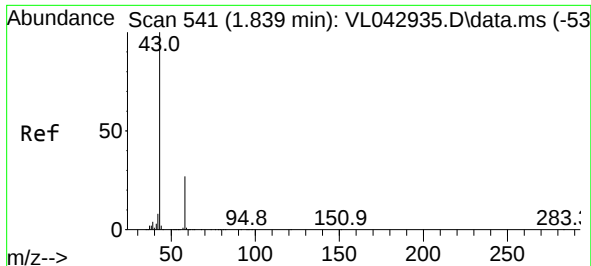
Delta R.T. 0.000 min

Lab File: VL042929.D

Acq: 17 Sep 2025 10:12

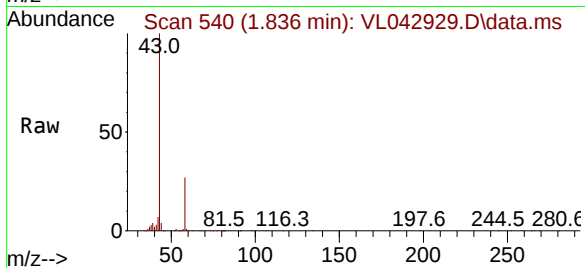
Tgt Ion:	108	Resp:	58961
Ion Ratio	Lower	Upper	
108	100		
106	104.3	86.0	129.0
79	20.1	17.2	25.8





#15
Acetone
Concen: 7.893 ppbv
RT: 1.836 min Scan# 541
Delta R.T. -0.003 min
Lab File: VL042929.D
Acq: 17 Sep 2025 10:12

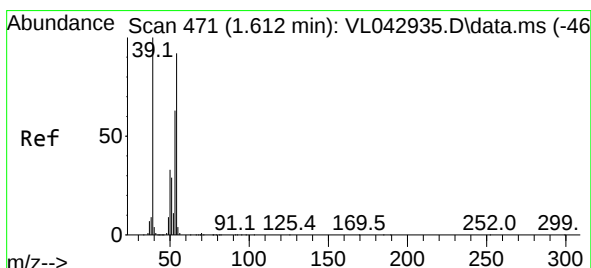
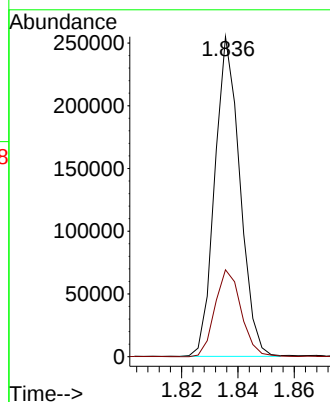
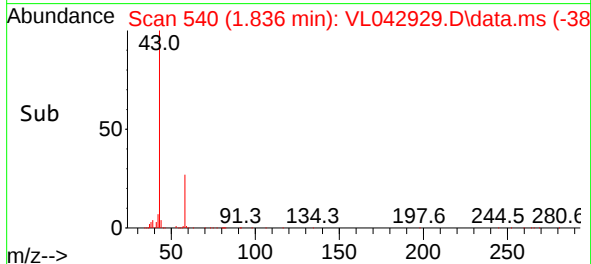
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



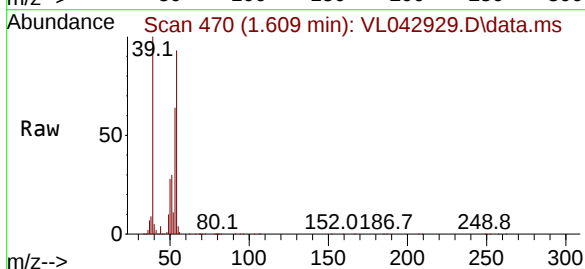
Tgt Ion: 43 Resp: 158108
Ion Ratio Lower Upper
43 100
58 28.6 22.2 33.2

Manual Integrations
APPROVED

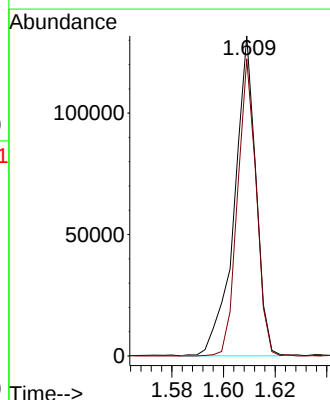
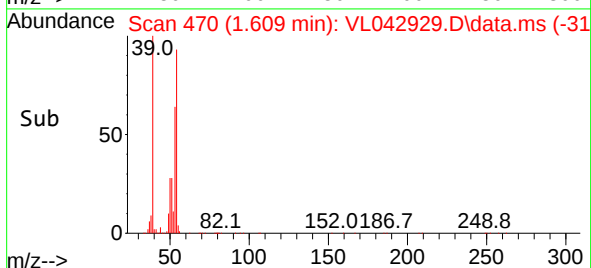
Reviewed By :Semsettin Yesilyurt 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025

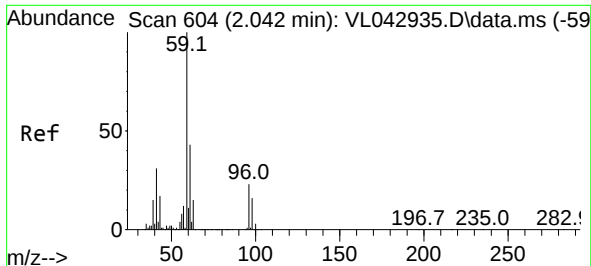


#16
1,3-Butadiene
Concen: 9.154 ppbv
RT: 1.609 min Scan# 470
Delta R.T. -0.003 min
Lab File: VL042929.D
Acq: 17 Sep 2025 10:12



Tgt Ion: 39 Resp: 76701
Ion Ratio Lower Upper
39 100
54 80.5 62.2 93.4





#17

tert-Butyl alcohol

Concen: 9.172 ppbv

RT: 2.043 min Scan# 604

Delta R.T. 0.000 min

Lab File: VL042929.D

Acq: 17 Sep 2025 10:12

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion: 59 Resp: 176930

Ion Ratio Lower Upper

59 100

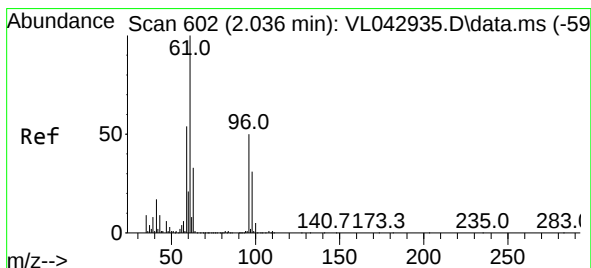
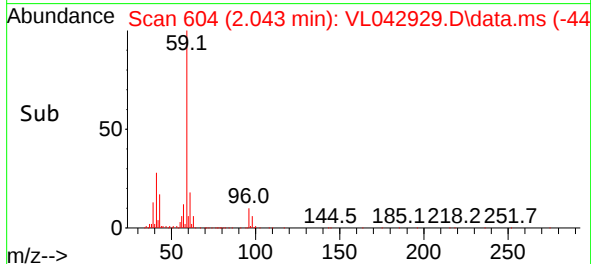
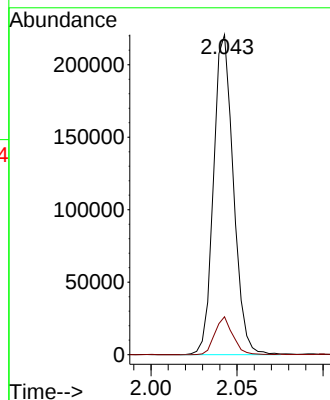
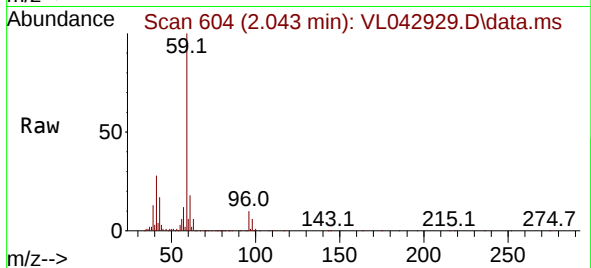
57 11.0 9.0 13.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/18/2025

Supervised By :Mahesh Dadoda 09/18/2025



#18

1,1-Dichloroethene

Concen: 9.065 ppbv

RT: 2.033 min Scan# 601

Delta R.T. -0.003 min

Lab File: VL042929.D

Acq: 17 Sep 2025 10:12

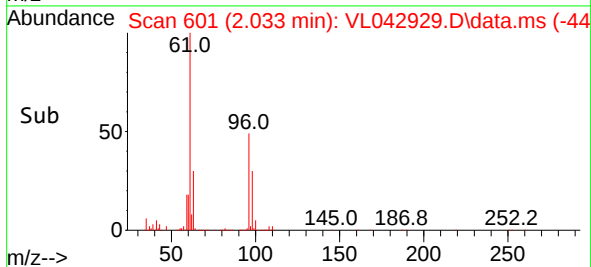
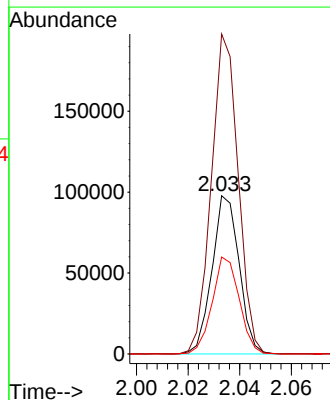
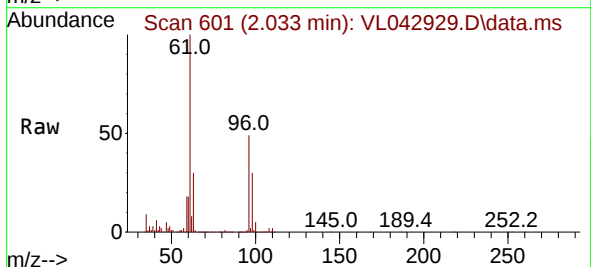
Tgt Ion: 96 Resp: 71337

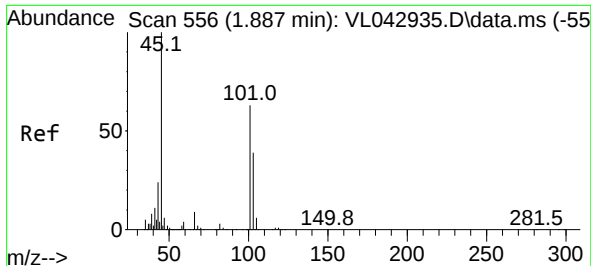
Ion Ratio Lower Upper

96 100

61 202.2 161.1 241.7

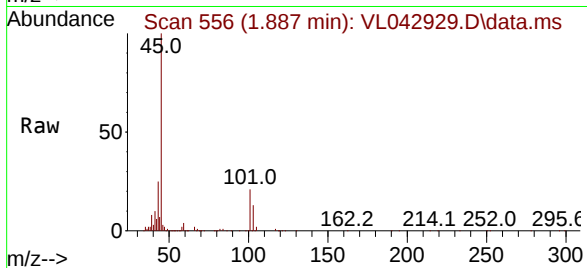
98 61.3 50.7 76.1





#19
Isopropyl Alcohol
Concen: 9.133 ppbv
RT: 1.887 min Scan# 511
Delta R.T. 0.000 min
Lab File: VL042929.D
Acq: 17 Sep 2025 10:12

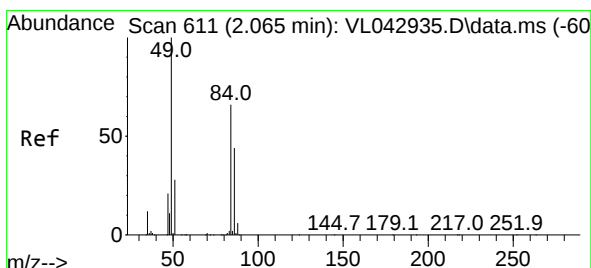
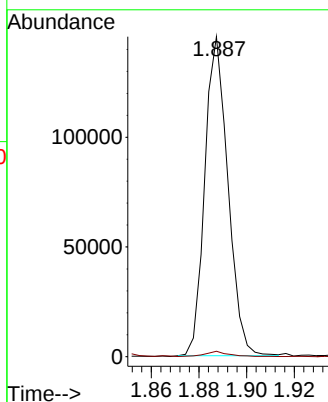
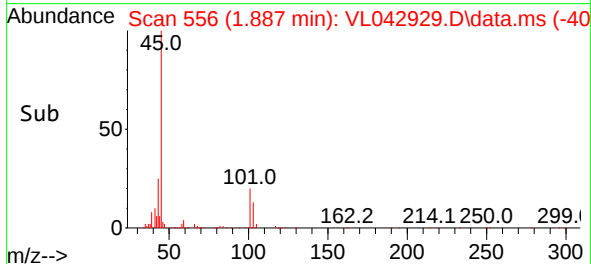
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



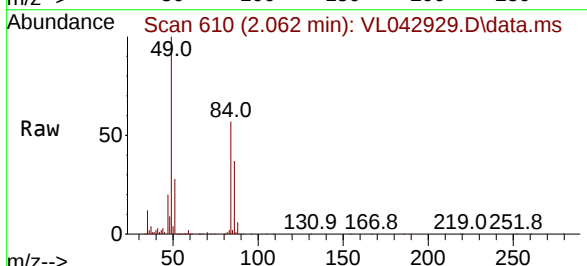
Tgt Ion: 45 Resp: 98089
Ion Ratio Lower Upper
45 100
58 46.1 2.0 3.0

Manual Integrations
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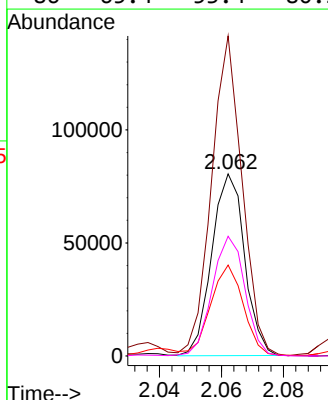
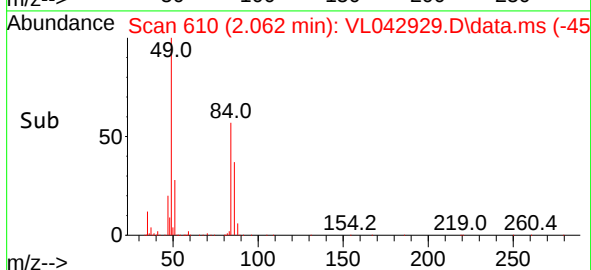
Reviewed By :Semsettin Yesilyurt 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025

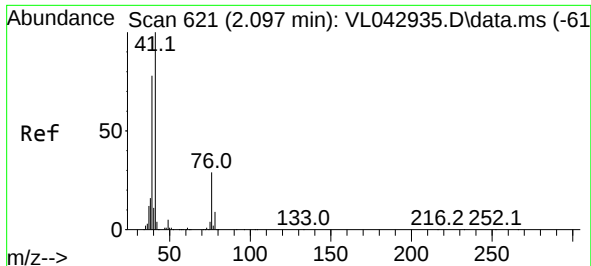


#20
Methylene Chloride
Concen: 6.790 ppbv
RT: 2.062 min Scan# 610
Delta R.T. -0.003 min
Lab File: VL042929.D
Acq: 17 Sep 2025 10:12



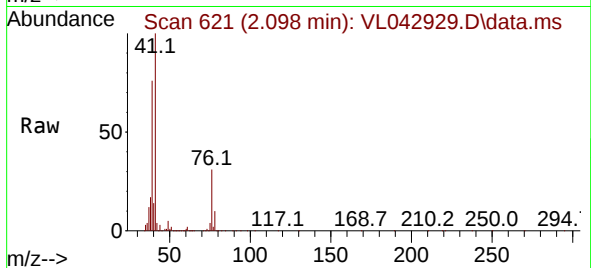
Tgt Ion: 84 Resp: 59220
Ion Ratio Lower Upper
84 100
49 175.1 121.8 182.6
51 49.5 35.6 53.4
86 65.4 53.4 80.2





#21
 Allyl Chloride
 Concen: 8.813 ppbv
 RT: 2.098 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VL042929.D
 Acq: 17 Sep 2025 10:12

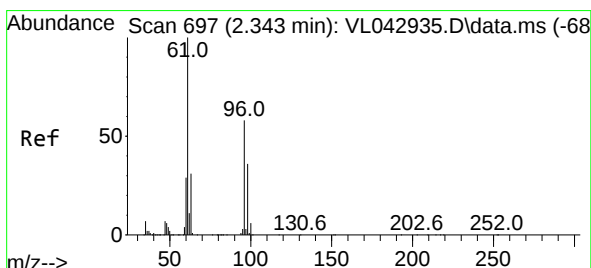
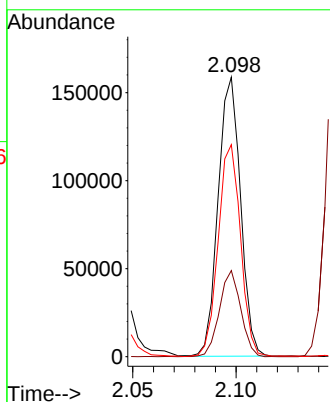
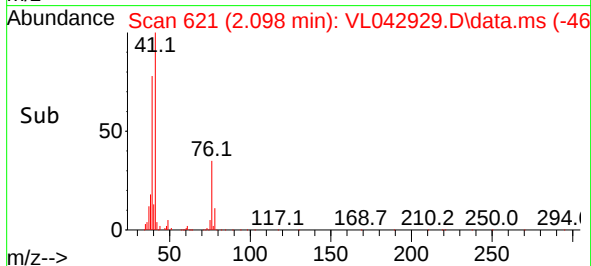
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



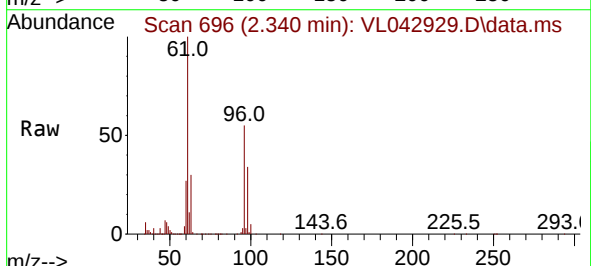
Tgt Ion: 41 Resp: 119674
 Ion Ratio Lower Upper
 41 100
 76 29.4 23.8 35.6
 39 75.3 63.2 94.8

Manual Integrations
 APPROVED

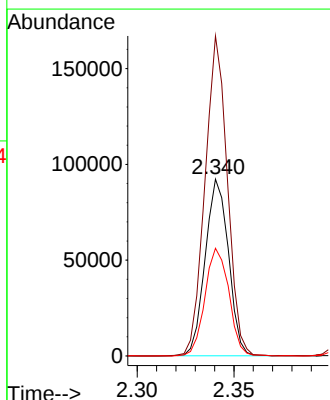
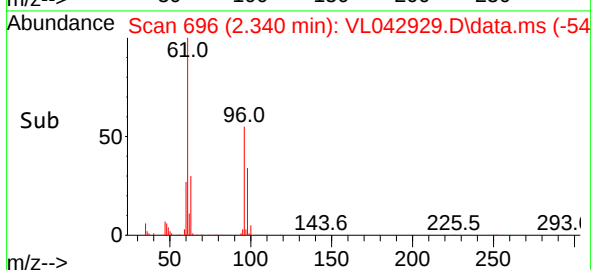
Reviewed By :Semsettin Yesilyurt 09/18/2025
 Supervised By :Mahesh Dadoda 09/18/2025

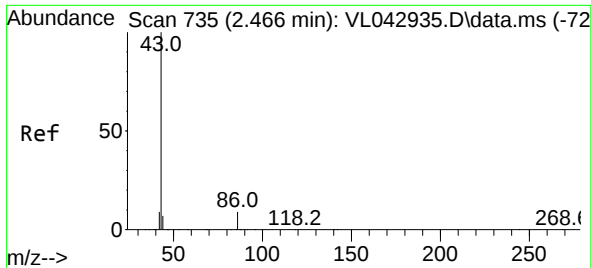


#22
 trans-1,2-Dichloroethene
 Concen: 8.629 ppbv
 RT: 2.340 min Scan# 696
 Delta R.T. -0.003 min
 Lab File: VL042929.D
 Acq: 17 Sep 2025 10:12



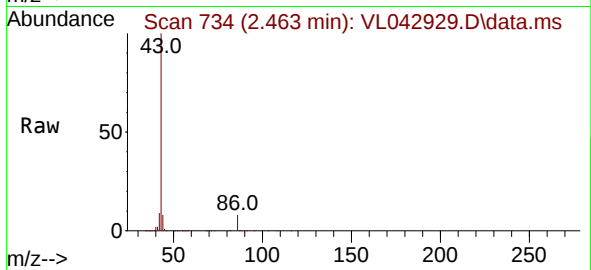
Tgt Ion: 96 Resp: 76972
 Ion Ratio Lower Upper
 96 100
 61 180.9 139.0 208.6
 98 61.0 49.4 74.2





#23
 Vinyl Acetate
 Concen: 10.799 ppbv
 RT: 2.463 min Scan# 717
 Delta R.T. -0.003 min
 Lab File: VL042929.D
 Acq: 17 Sep 2025 10:12

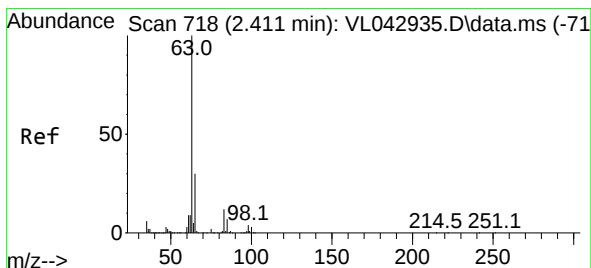
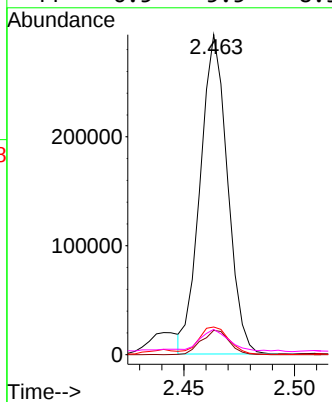
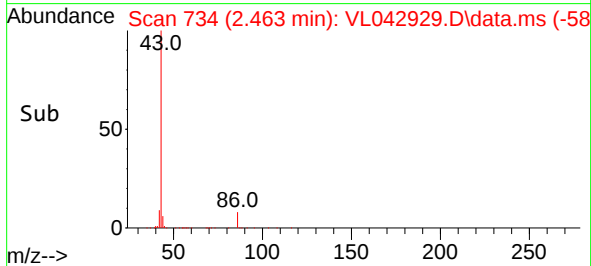
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



Tgt Ion	Ratio	Lower	Upper
43	100		
86	7.6	6.4	9.6
42	8.5	7.5	11.3
44	6.5	5.5	8.3

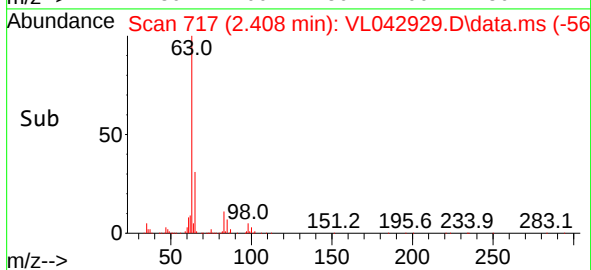
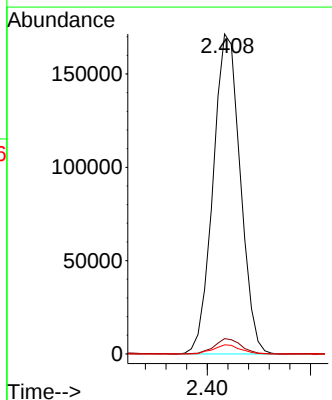
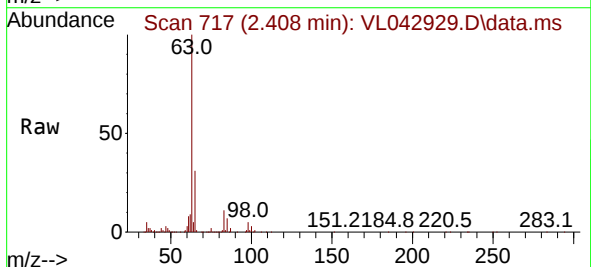
Manual Integrations
 APPROVED

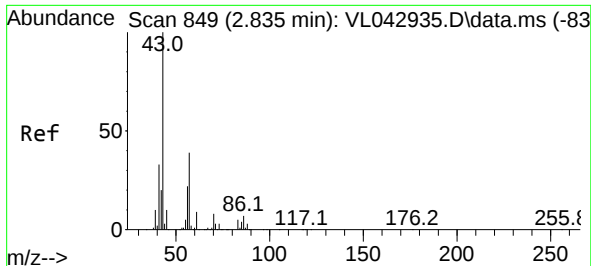
Reviewed By :Semsettin Yesilyurt 09/18/2025
 Supervised By :Mahesh Dadoda 09/18/2025



#24
 1,1-Dichloroethane
 Concen: 8.919 ppbv
 RT: 2.408 min Scan# 717
 Delta R.T. -0.003 min
 Lab File: VL042929.D
 Acq: 17 Sep 2025 10:12

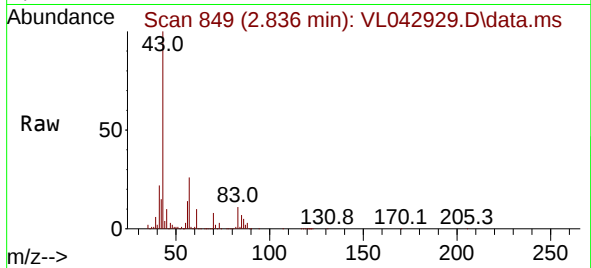
Tgt Ion	Ratio	Lower	Upper
63	100		
98	4.8	2.2	6.6
100	2.8	1.7	5.1





#25
Ethyl Acetate
Concen: 10.834 ppbv
RT: 2.836 min Scan# 849
Delta R.T. 0.000 min
Lab File: VL042929.D
Acq: 17 Sep 2025 10:12

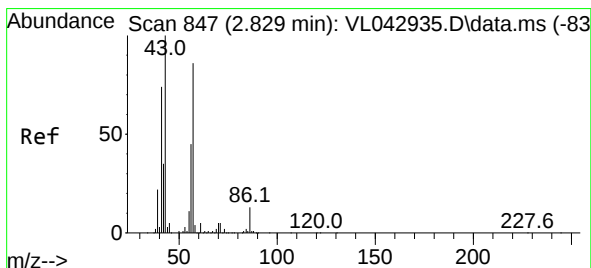
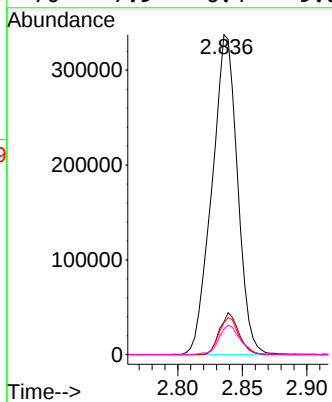
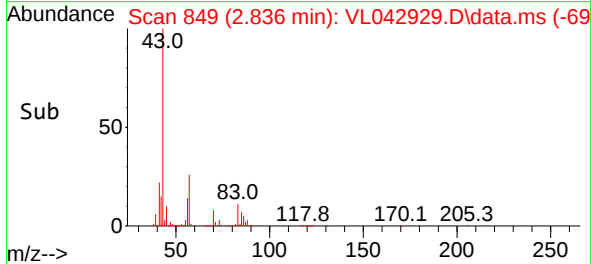
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



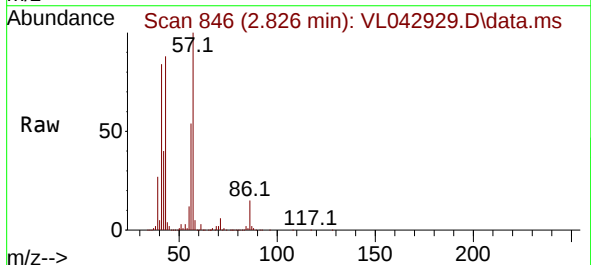
Tgt Ion: 43 Resp: 46344
Ion Ratio Lower Upper
43 100
45 9.9 7.8 11.8
61 9.2 7.2 10.8
70 7.9 6.4 9.6

Manual Integrations
APPROVED

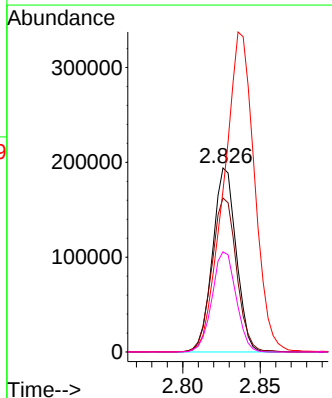
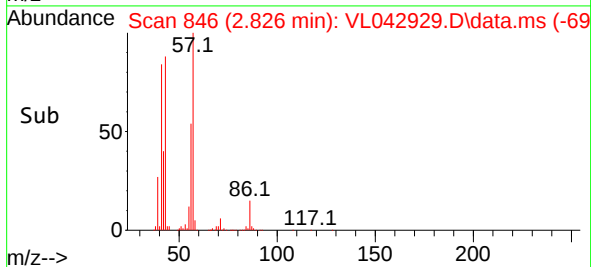
Reviewed By :Semsettin Yesilyurt 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025

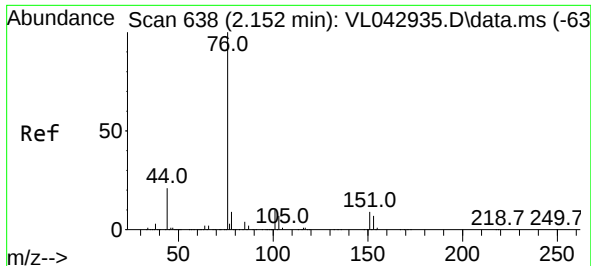


#26
Hexane
Concen: 11.169 ppbv
RT: 2.826 min Scan# 846
Delta R.T. -0.003 min
Lab File: VL042929.D
Acq: 17 Sep 2025 10:12



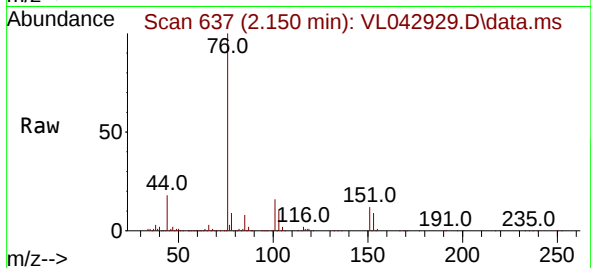
Tgt Ion: 57 Resp: 205029
Ion Ratio Lower Upper
57 100
41 88.9 71.3 106.9
43 227.0 183.9 275.9
56 55.6 44.1 66.1





#27
Carbon Disulfide
Concen: 8.725 ppbv
RT: 2.150 min Scan# 61
Delta R.T. -0.003 min
Lab File: VL042929.D
Acq: 17 Sep 2025 10:12

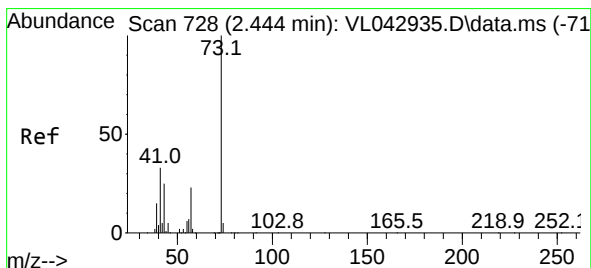
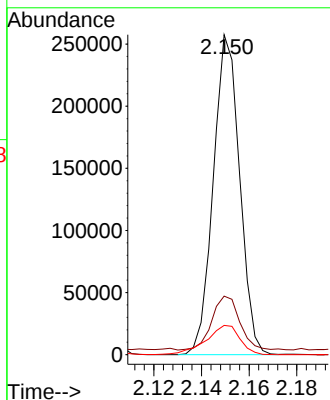
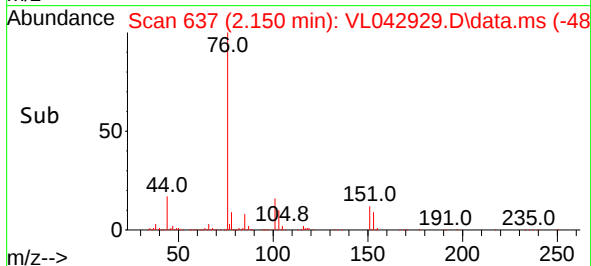
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 76 Resp: 197538
Ion Ratio Lower Upper
76 100
44 18.2 15.4 23.0
78 11.8 9.1 13.7

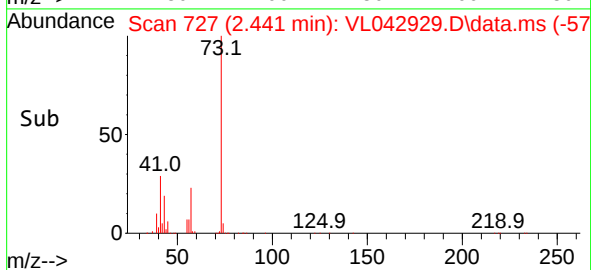
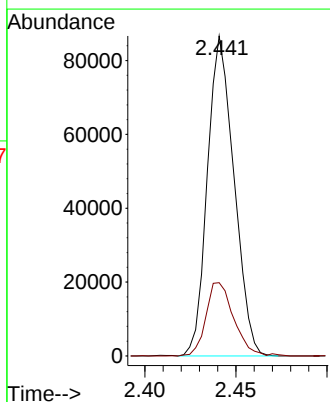
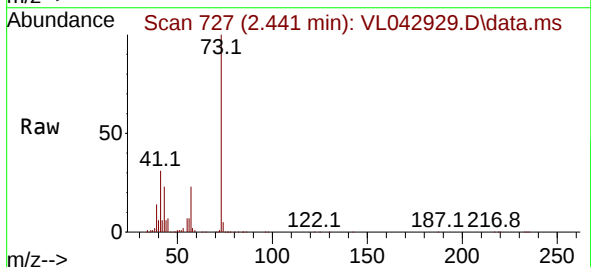
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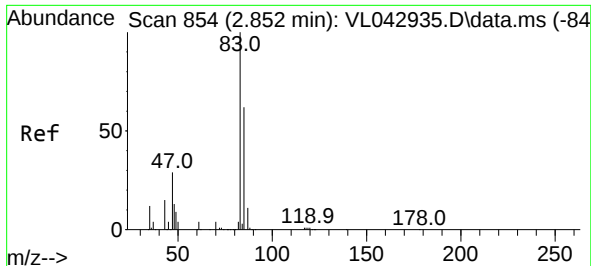
Reviewed By :Semsettin Yesilyurt 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025



#28
Methyl tert-Butyl Ether
Concen: 8.737 ppbv
RT: 2.441 min Scan# 727
Delta R.T. -0.003 min
Lab File: VL042929.D
Acq: 17 Sep 2025 10:12

Tgt Ion: 73 Resp: 88128
Ion Ratio Lower Upper
73 100
57 24.0 18.6 28.0





#29

Chloroform

Concen: 10.038 ppbv

RT: 2.849 min Scan# 85

Delta R.T. -0.003 min

Lab File: VL042929.D

Acq: 17 Sep 2025 10:12

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion: 83 Resp: 301189

Ion Ratio Lower Upper

83 100

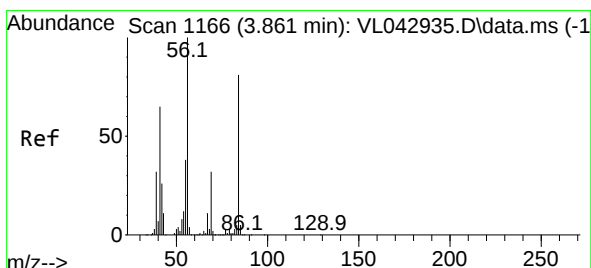
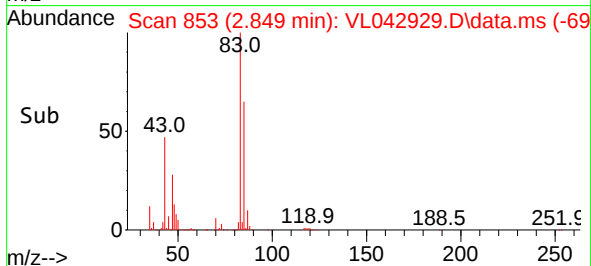
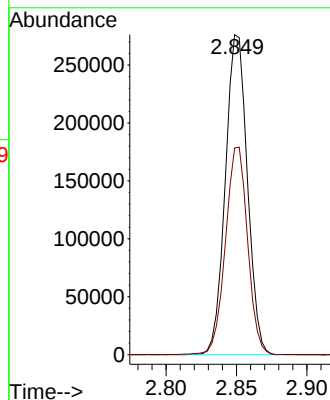
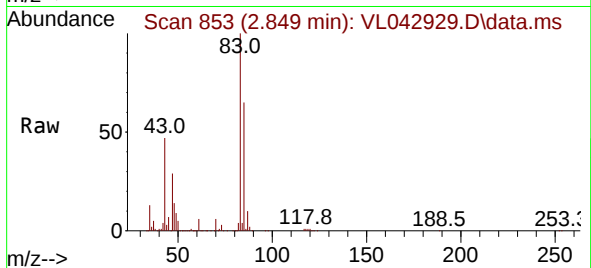
85 64.6 49.7 74.5

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Reviewed By :Semsettin Yesilyurt 09/18/2025

Supervised By :Mahesh Dadoda 09/18/2025



#30

Cyclohexane

Concen: 12.051 ppbv

RT: 3.858 min Scan# 1165

Delta R.T. -0.003 min

Lab File: VL042929.D

Acq: 17 Sep 2025 10:12

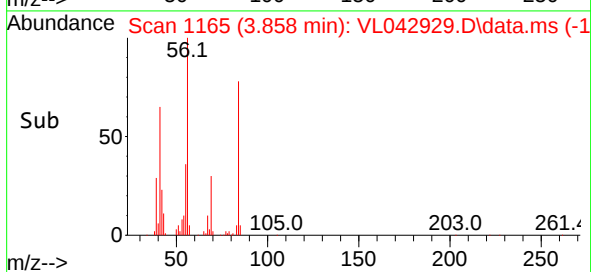
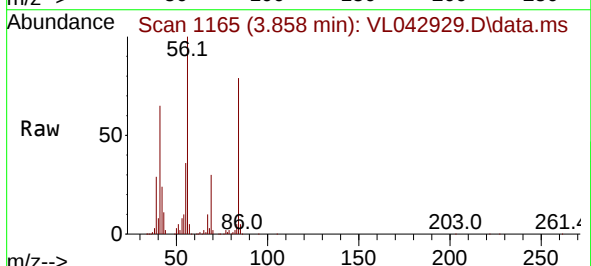
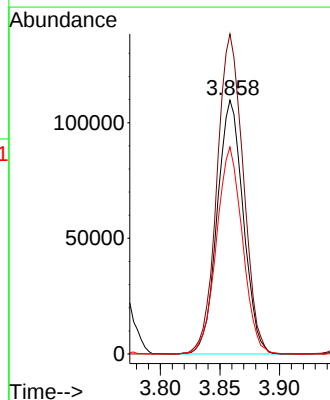
Tgt Ion: 84 Resp: 166665

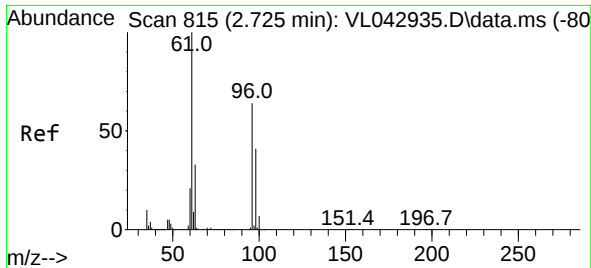
Ion Ratio Lower Upper

84 100

56 126.9 100.6 150.8

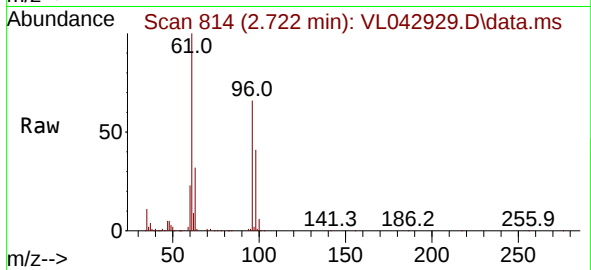
41 81.7 65.4 98.0





#31
 cis-1,2-Dichloroethene
 Concen: 10.820 ppbv
 RT: 2.722 min Scan# 815
 Delta R.T. -0.003 min
 Lab File: VL042929.D
 Acq: 17 Sep 2025 10:12

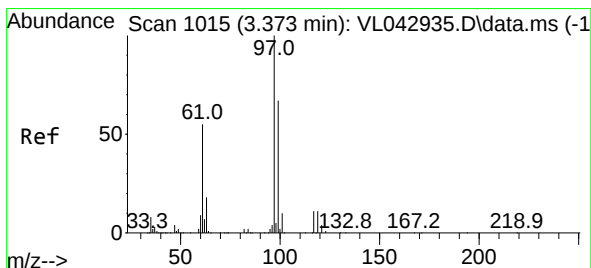
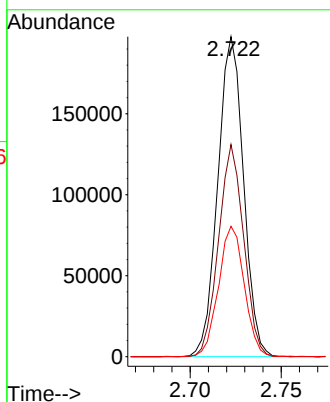
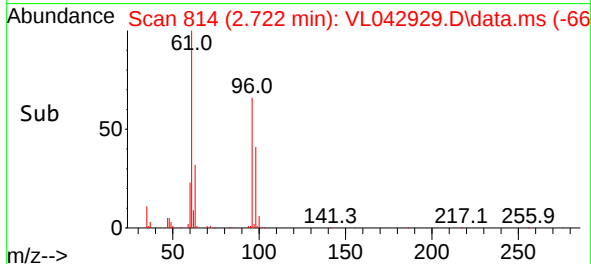
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



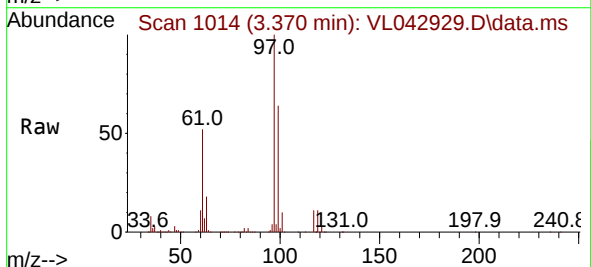
Tgt Ion: 61 Resp: 19392
 Ion Ratio Lower Upper
 61 100
 96 66.3 51.4 77.2
 98 40.7 32.8 49.2

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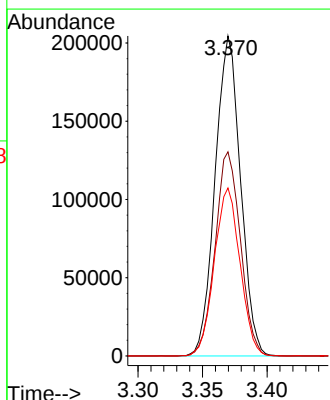
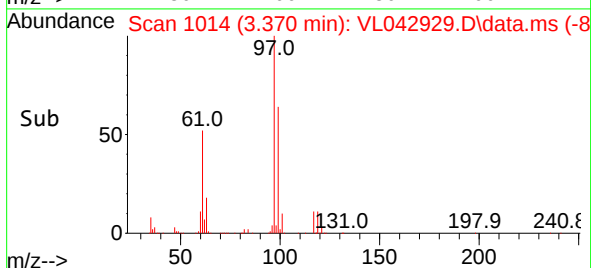
Reviewed By :Semsettin Yesilyurt 09/18/2025
 Supervised By :Mahesh Dadoda 09/18/2025

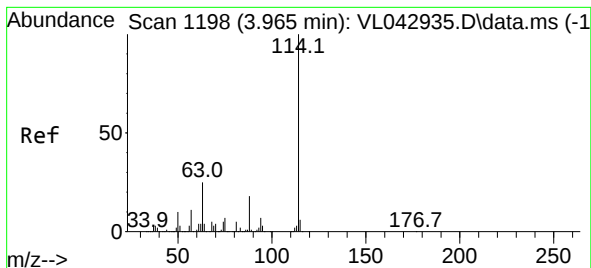


#32
 1,1,1-Trichloroethane
 Concen: 9.970 ppbv
 RT: 3.370 min Scan# 1014
 Delta R.T. -0.003 min
 Lab File: VL042929.D
 Acq: 17 Sep 2025 10:12



Tgt Ion: 97 Resp: 279906
 Ion Ratio Lower Upper
 97 100
 99 63.7 51.0 76.4
 61 53.1 43.2 64.8





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.959 min Scan# 1196

Delta R.T. -0.006 min

Lab File: VL042929.D

Acq: 17 Sep 2025 10:12

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion:114 Resp: 42063

Ion Ratio Lower Upper

114 100

63 26.6 21.1 31.7

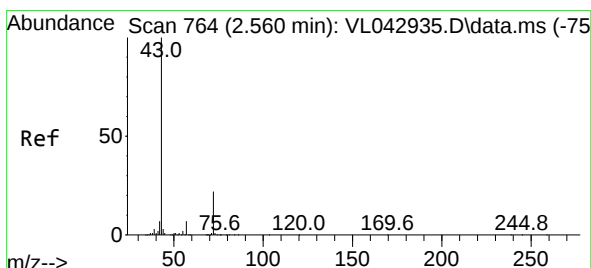
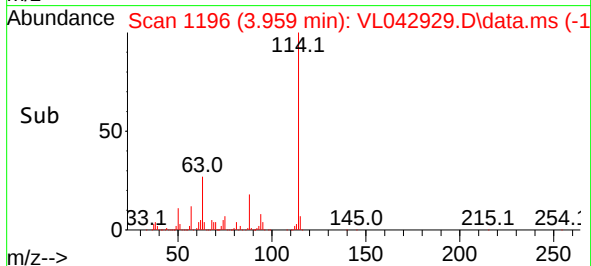
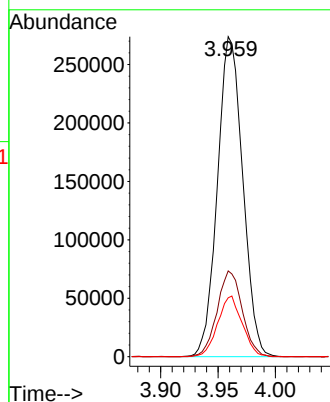
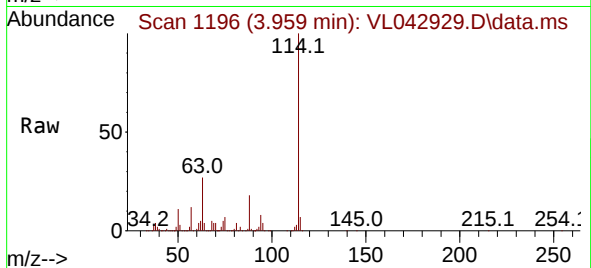
88 18.3 14.6 22.0

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Reviewed By :Semsettin Yesilyurt 09/18/2025

Supervised By :Mahesh Dadoda 09/18/2025



#34

2-Butanone

Concen: 10.752 ppbv

RT: 2.557 min Scan# 763

Delta R.T. -0.003 min

Lab File: VL042929.D

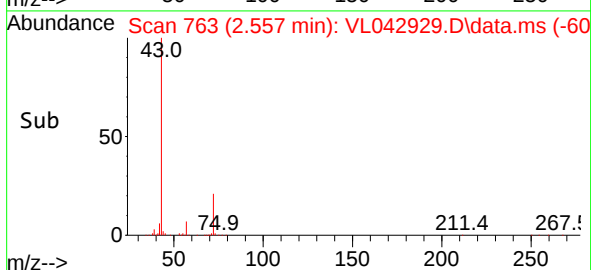
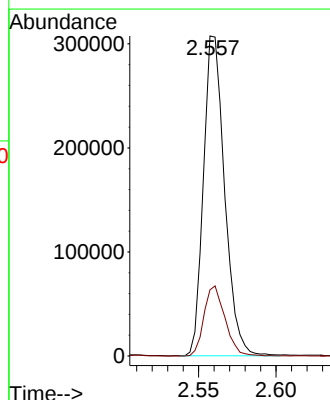
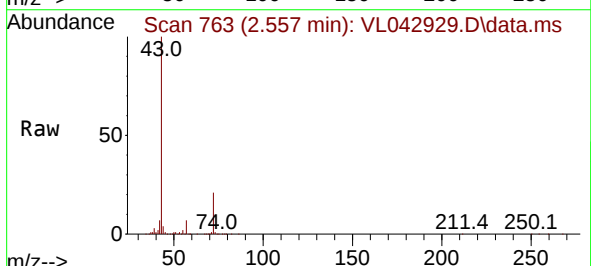
Acq: 17 Sep 2025 10:12

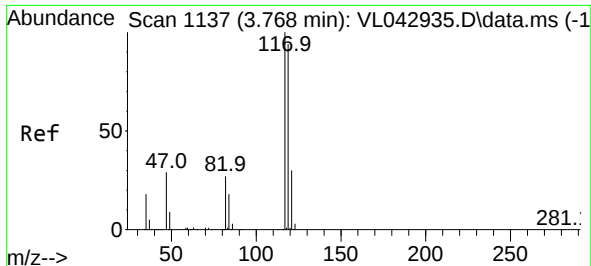
Tgt Ion: 43 Resp: 293170

Ion Ratio Lower Upper

43 100

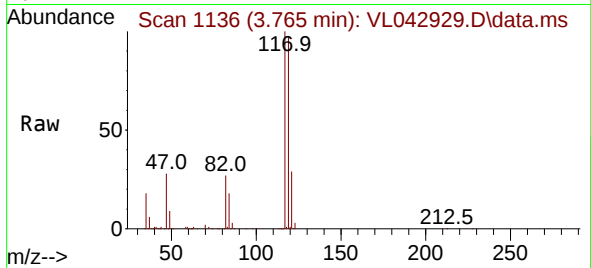
72 21.7 17.2 25.8





#35
Carbon Tetrachloride
Concen: 9.538 ppbv
RT: 3.765 min Scan# 1136
Delta R.T. -0.003 min
Lab File: VL042929.D
Acq: 17 Sep 2025 10:12

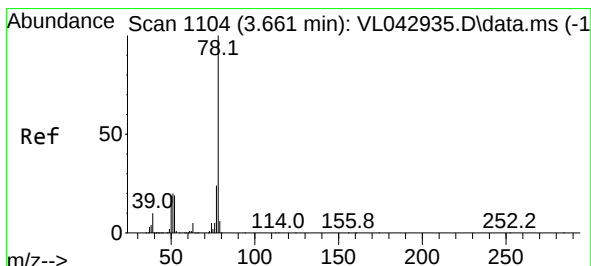
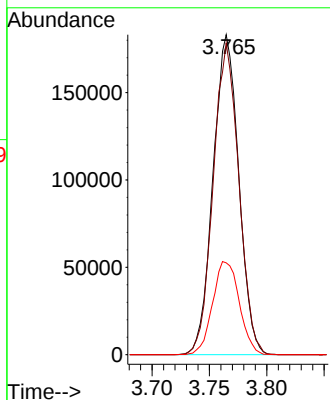
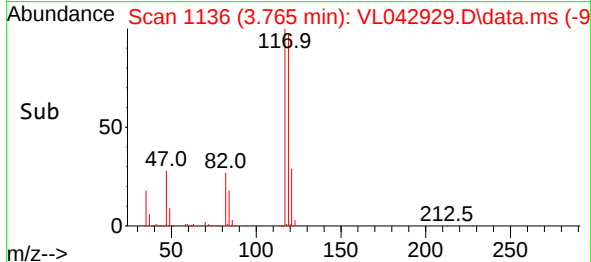
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 117 Resp: 285189
Ion Ratio Lower Upper
117 100
119 97.4 74.9 112.3
121 28.7 24.0 36.0

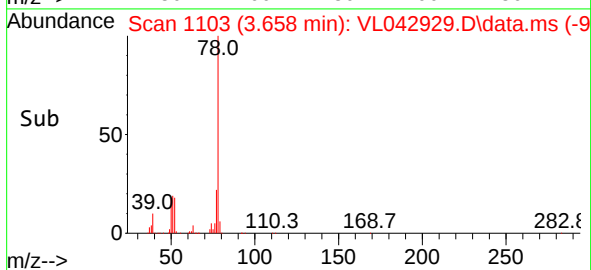
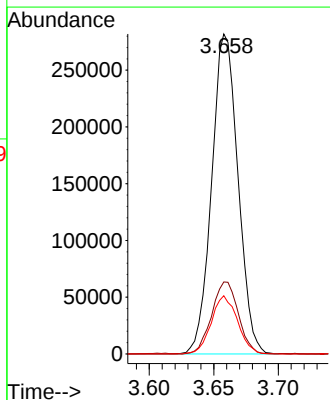
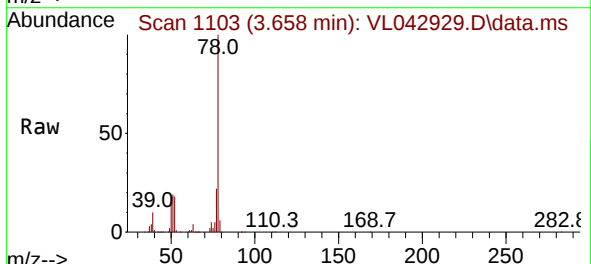
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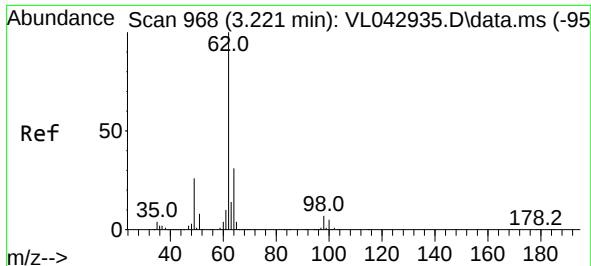
Reviewed By :Semsettin Yesilyurt 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025



#36
Benzene
Concen: 10.893 ppbv
RT: 3.658 min Scan# 1103
Delta R.T. -0.003 min
Lab File: VL042929.D
Acq: 17 Sep 2025 10:12

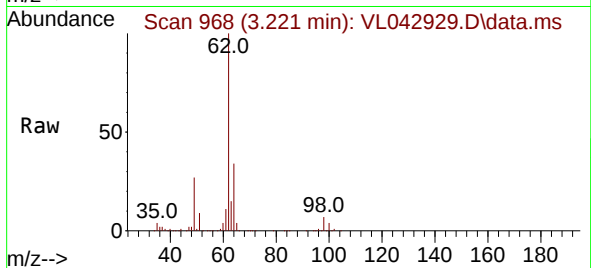
Tgt Ion: 78 Resp: 399662
Ion Ratio Lower Upper
78 100
77 22.5 19.2 28.8
50 18.2 14.8 22.2





#37
1,2-Dichloroethane
Concen: 10.160 ppbv
RT: 3.221 min Scan# 968
Delta R.T. 0.000 min
Lab File: VL042929.D
Acq: 17 Sep 2025 10:12

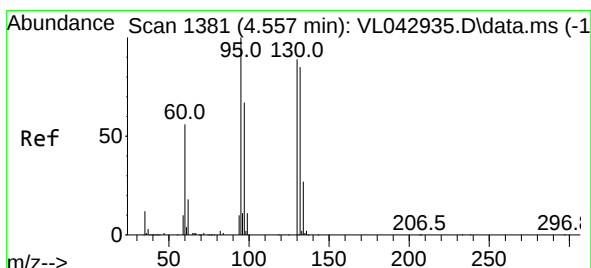
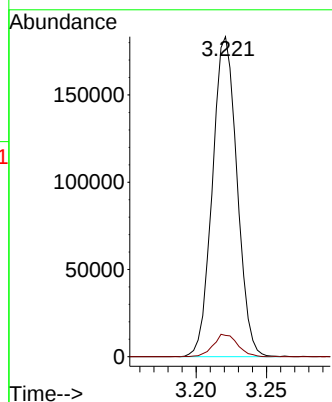
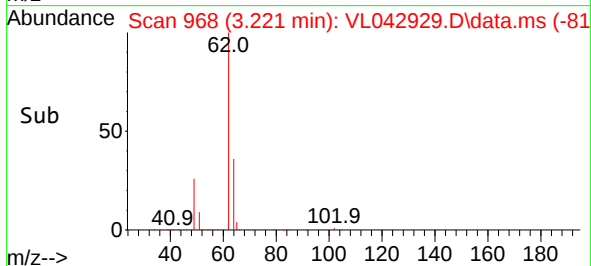
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



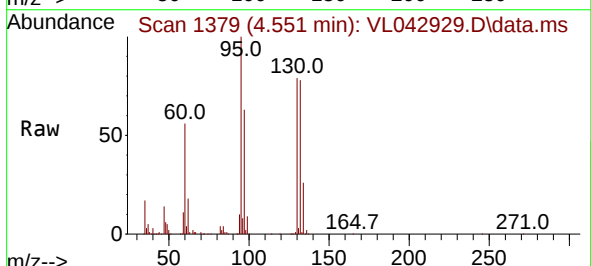
Tgt Ion: 62 Resp: 223264
Ion Ratio Lower Upper
62 100
98 6.9 5.5 8.3

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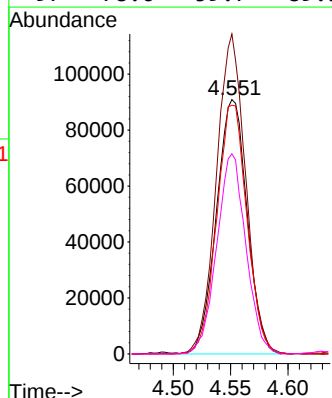
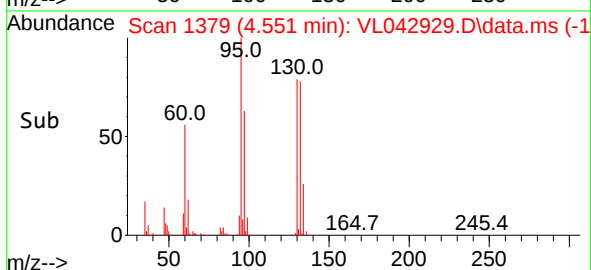
Reviewed By :Semsettin Yesilyurt 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025

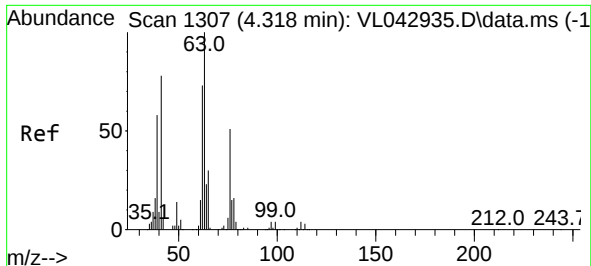


#38
Trichloroethene
Concen: 10.189 ppbv
RT: 4.551 min Scan# 1379
Delta R.T. -0.006 min
Lab File: VL042929.D
Acq: 17 Sep 2025 10:12



Tgt Ion:130 Resp: 169233
Ion Ratio Lower Upper
130 100
95 125.7 89.8 134.6
132 97.5 76.3 114.5
97 78.6 59.7 89.5





#39

1,2-Dichloropropane

Concen: 10.213 ppbv

RT: 4.318 min Scan# 1307

Delta R.T. 0.000 min

Lab File: VL042929.D

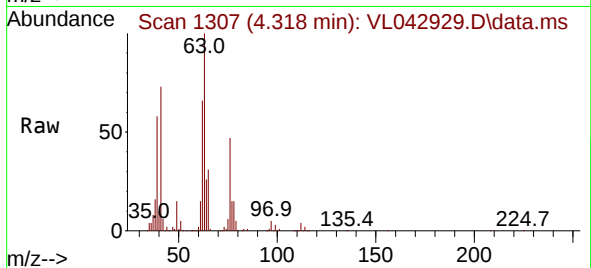
Acq: 17 Sep 2025 10:12

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010



Tgt Ion: 63 Resp: 151400

Ion Ratio Lower Upper

63 100

41 72.7 62.7 94.1

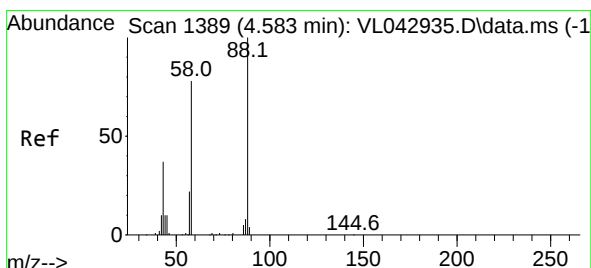
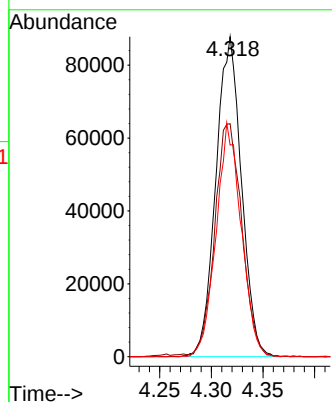
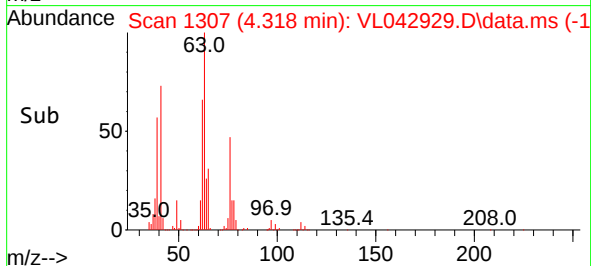
62 66.1 58.4 87.6

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Reviewed By :Semsettin Yesilyurt 09/18/2025

Supervised By :Mahesh Dadoda 09/18/2025



#40

1,4-Dioxane

Concen: 11.780 ppbv

RT: 4.587 min Scan# 1390

Delta R.T. 0.004 min

Lab File: VL042929.D

Acq: 17 Sep 2025 10:12

Tgt Ion: 88 Resp: 61955

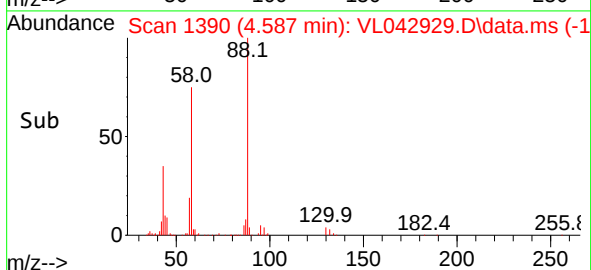
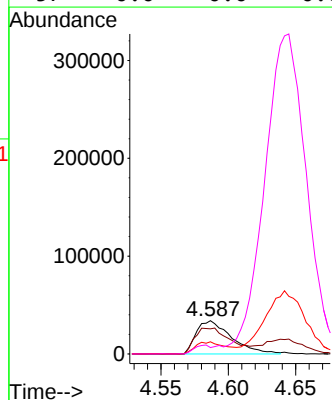
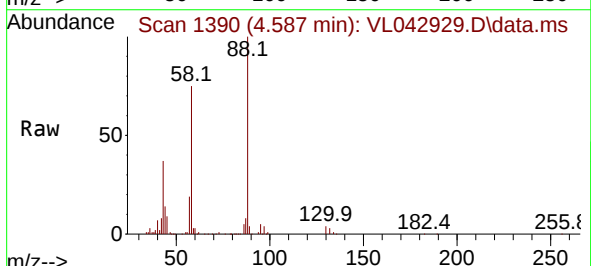
Ion Ratio Lower Upper

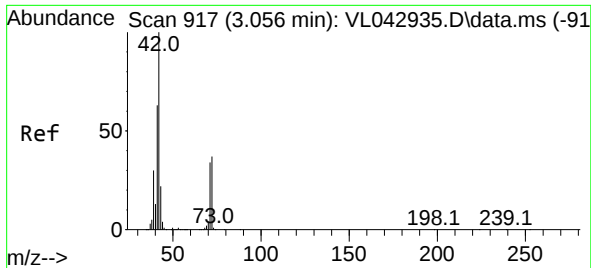
88 100

58 81.3 61.5 92.3

43 34.9 28.3 42.5

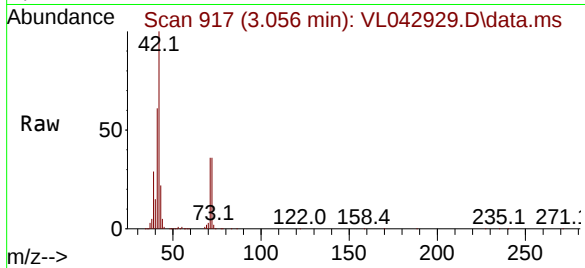
57 0.0 0.0 0.0





#41
Tetrahydrofuran
Concen: 11.997 ppbv
RT: 3.056 min Scan# 917
Delta R.T. 0.000 min
Lab File: VL042929.D
Acq: 17 Sep 2025 10:12

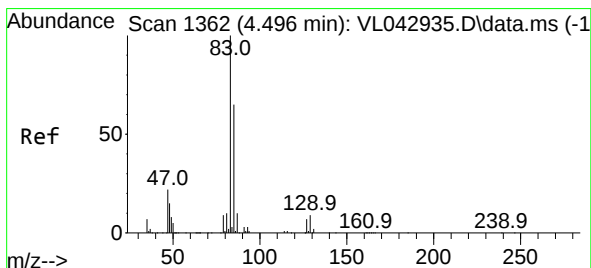
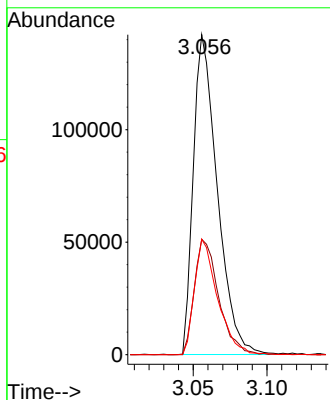
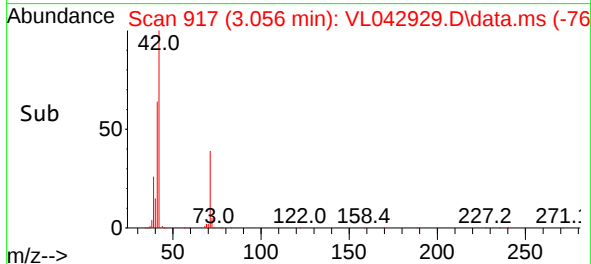
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



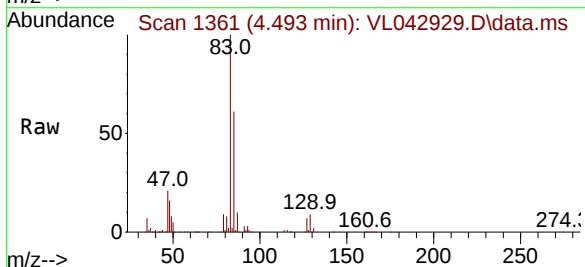
Tgt Ion: 42 Resp: 160822
Ion Ratio Lower Upper
42 100
72 36.8 30.4 45.6
71 35.0 28.3 42.5

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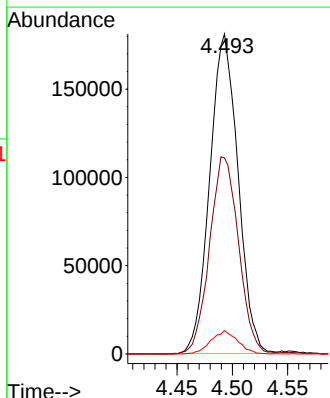
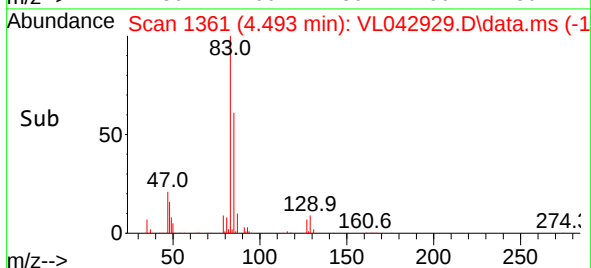
Reviewed By :Semsettin Yesilyurt 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025

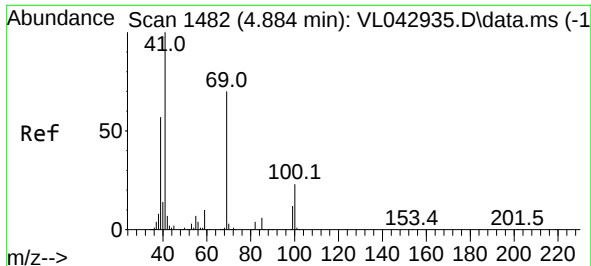


#42
Bromodichloromethane
Concen: 10.204 ppbv
RT: 4.493 min Scan# 1361
Delta R.T. -0.003 min
Lab File: VL042929.D
Acq: 17 Sep 2025 10:12



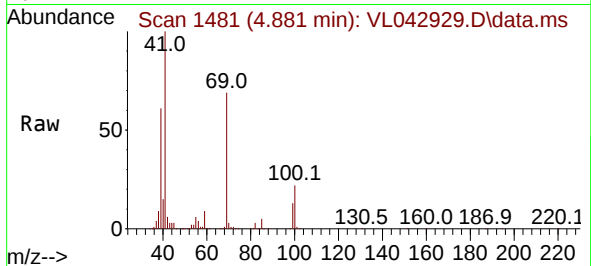
Tgt Ion: 83 Resp: 321780
Ion Ratio Lower Upper
83 100
85 61.2 52.1 78.1
127 7.3 6.0 9.0





#43
Methyl Methacrylate
Concen: 12.048 ppbv
RT: 4.881 min Scan# 1482
Delta R.T. -0.003 min
Lab File: VL042929.D
Acq: 17 Sep 2025 10:12

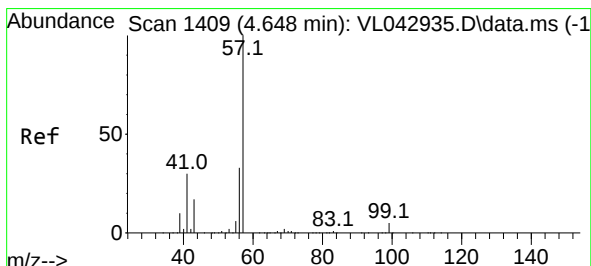
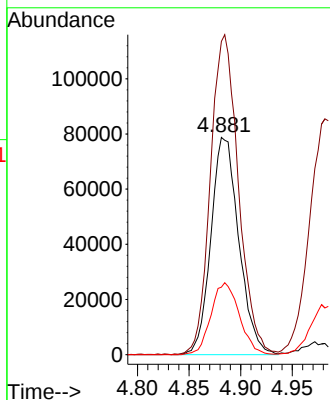
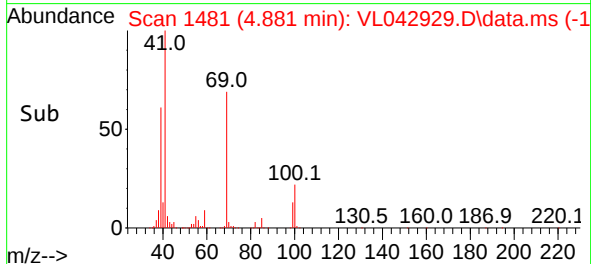
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 69 Resp: 148264
Ion Ratio Lower Upper
69 100
41 147.5 118.6 178.0
100 33.5 26.2 39.4

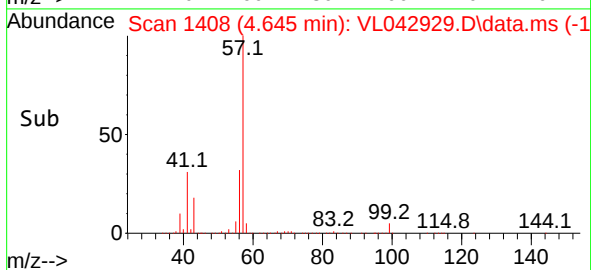
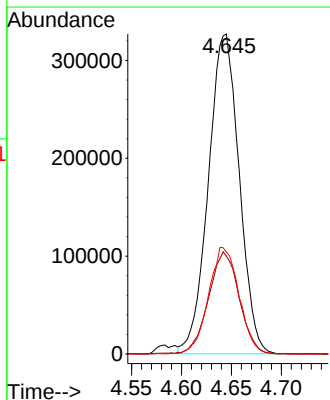
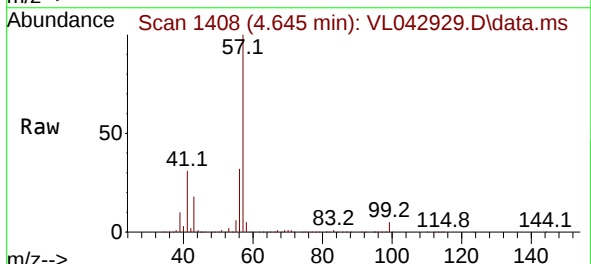
Manual Integrations
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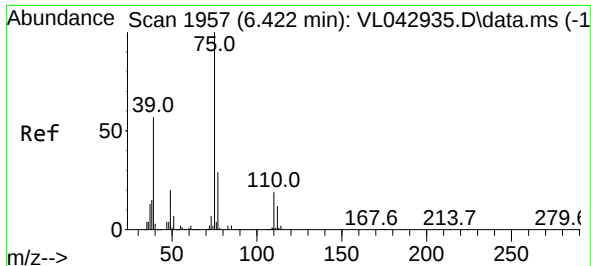
Reviewed By :Semsettin Yesilyurt 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025



#44
2,2,4-Trimethylpentane
Concen: 11.477 ppbv
RT: 4.645 min Scan# 1408
Delta R.T. -0.003 min
Lab File: VL042929.D
Acq: 17 Sep 2025 10:12

Tgt Ion: 57 Resp: 702376
Ion Ratio Lower Upper
57 100
41 31.7 25.8 38.6
56 32.9 26.2 39.4





#45

t-1,3-Dichloropropene

Concen: 11.623 ppbv

RT: 6.419 min Scan# 1957

Delta R.T. -0.003 min

Lab File: VL042929.D

Acq: 17 Sep 2025 10:12

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion: 75 Resp: 15055

Ion Ratio Lower Upper

75 100

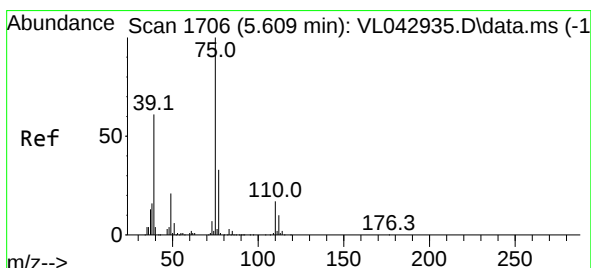
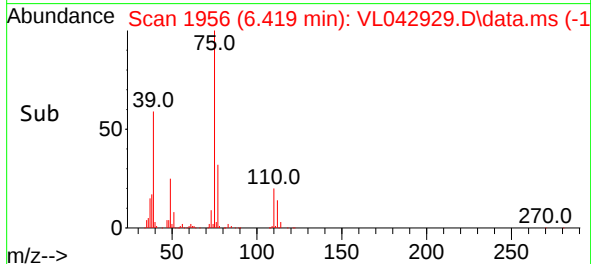
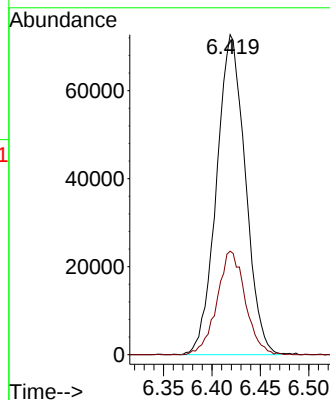
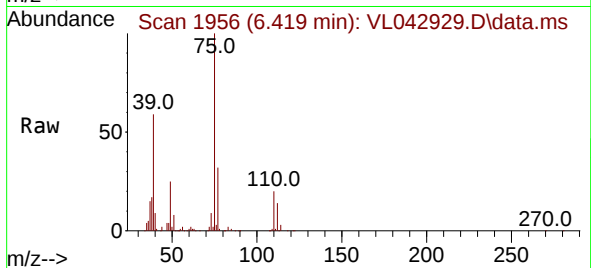
77 32.3 23.5 35.3

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 09/18/2025

Supervised By :Mahesh Dadoda 09/18/2025



#46

cis-1,3-Dichloropropene

Concen: 11.793 ppbv

RT: 5.603 min Scan# 1704

Delta R.T. -0.006 min

Lab File: VL042929.D

Acq: 17 Sep 2025 10:12

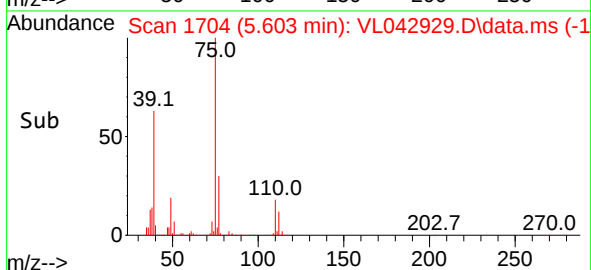
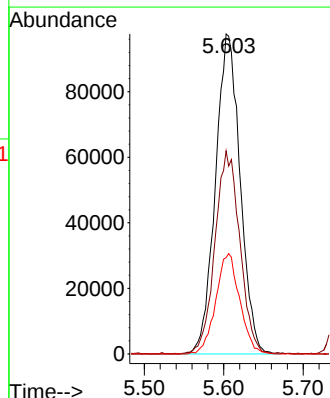
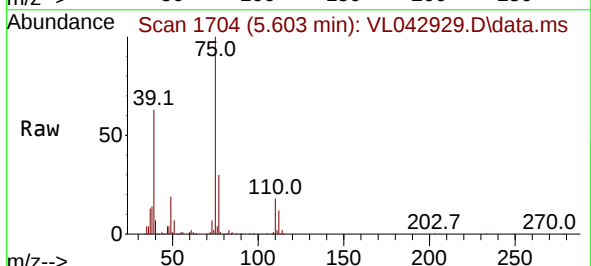
Tgt Ion: 75 Resp: 210588

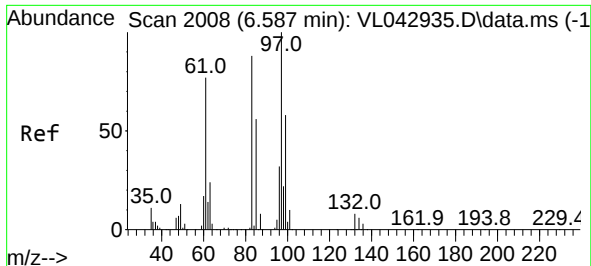
Ion Ratio Lower Upper

75 100

39 63.4 49.0 73.4

77 30.1 26.2 39.2





#47

1,1,2-Trichloroethane

Concen: 10.335 ppbv

RT: 6.587 min Scan# 2008

Delta R.T. 0.000 min

Lab File: VL042929.D

Acq: 17 Sep 2025 10:12

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion: 97 Resp: 156254

Ion Ratio Lower Upper

97 100

83 93.7 70.6 106.0

85 55.7 44.9 67.3

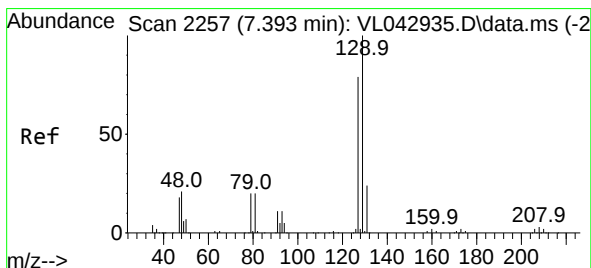
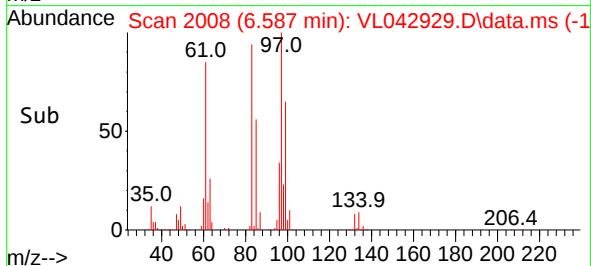
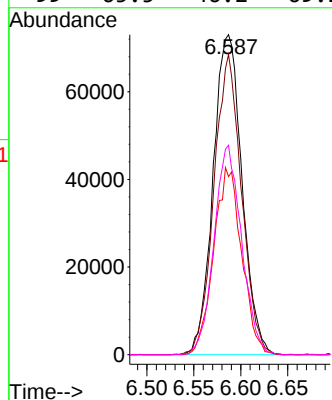
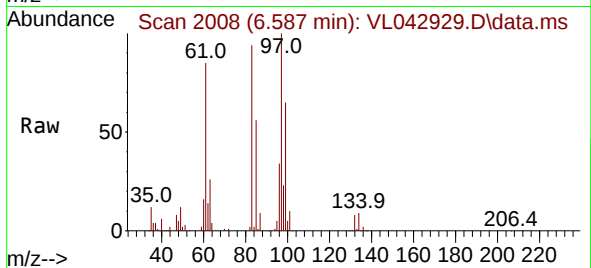
99 65.5 46.2 69.2

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 09/18/2025

Supervised By :Mahesh Dadoda 09/18/2025



#48

Dibromochloromethane

Concen: 10.373 ppbv

RT: 7.390 min Scan# 2256

Delta R.T. -0.003 min

Lab File: VL042929.D

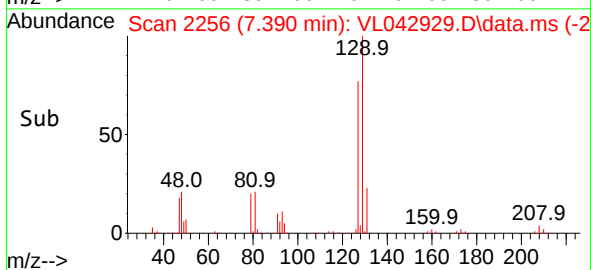
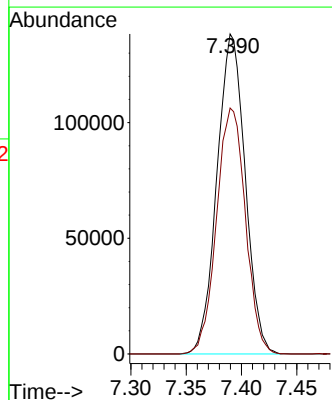
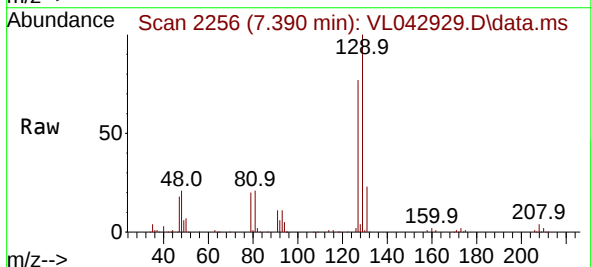
Acq: 17 Sep 2025 10:12

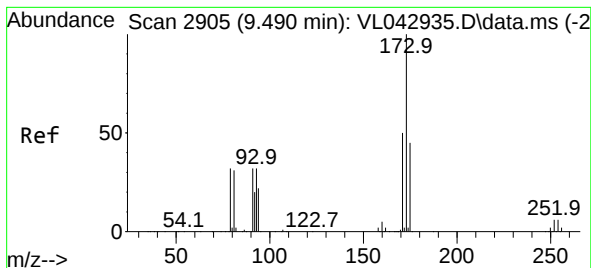
Tgt Ion:129 Resp: 245632

Ion Ratio Lower Upper

129 100

127 78.5 38.8 116.3





#49

Bromoform

Concen: 10.691 ppbv

RT: 9.487 min Scan# 2905

Delta R.T. -0.003 min

Lab File: VL042929.D

Acq: 17 Sep 2025 10:12

Instrument :

MSVOA_L

ClientSampleId :

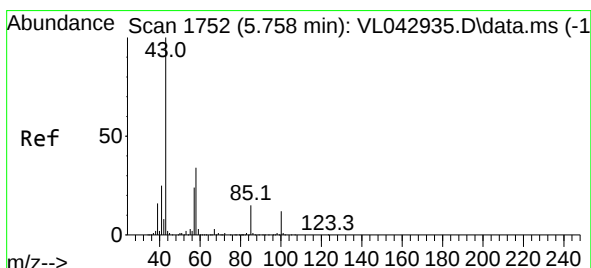
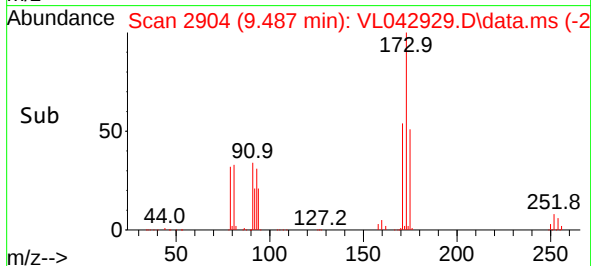
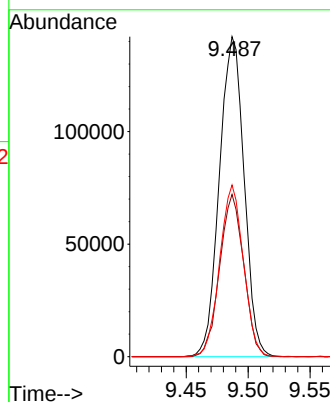
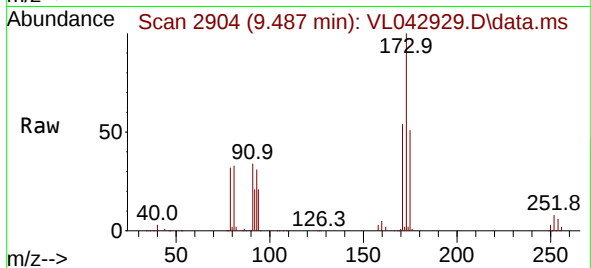
VSTDICCC010

Tgt Ion:173 Resp: 197592
 Ion Ratio Lower Upper
 173 100
 175 49.3 38.6 58.0
 171 51.6 41.7 62.5

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 09/18/2025
 Supervised By :Mahesh Dadoda 09/18/2025



#50

4-Methyl-2-Pentanone

Concen: 12.210 ppbv

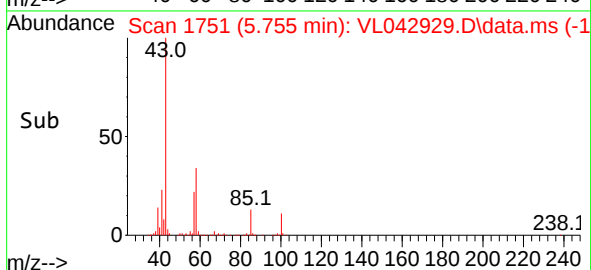
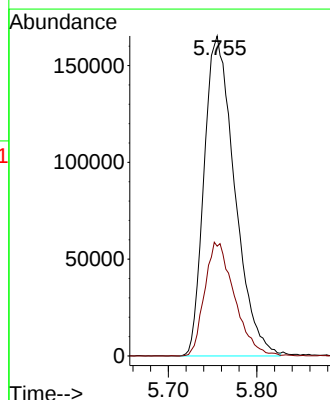
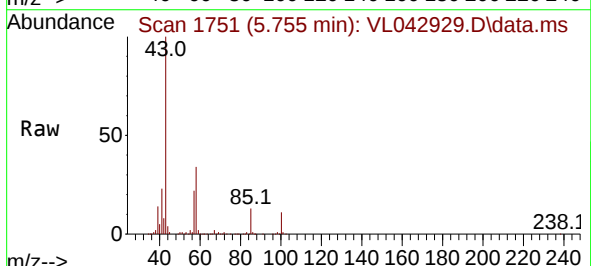
RT: 5.755 min Scan# 1751

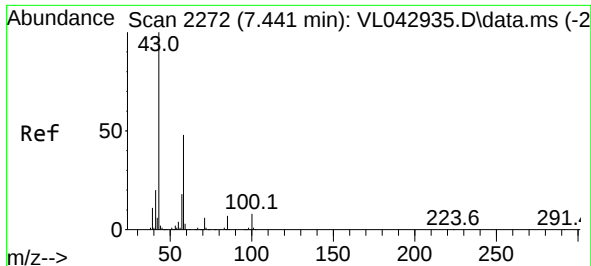
Delta R.T. -0.003 min

Lab File: VL042929.D

Acq: 17 Sep 2025 10:12

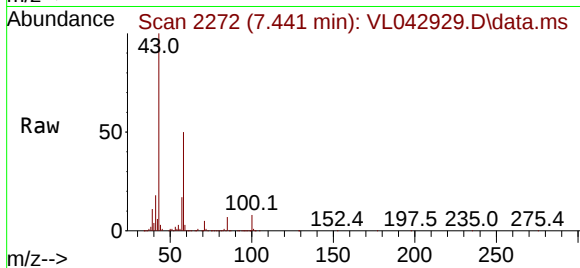
Tgt Ion: 43 Resp: 396693
 Ion Ratio Lower Upper
 43 100
 58 34.7 27.5 41.3





#51
2-Hexanone
Concen: 13.102 ppbv
RT: 7.441 min Scan# 2115
Delta R.T. 0.000 min
Lab File: VL042929.D
Acq: 17 Sep 2025 10:12

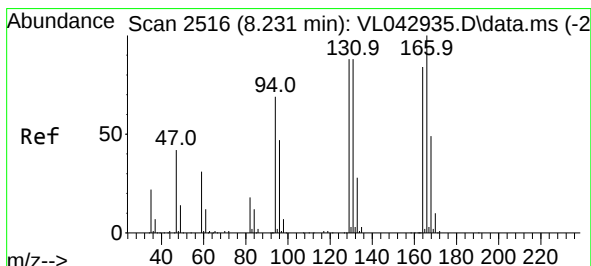
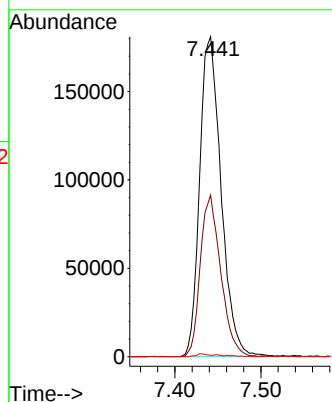
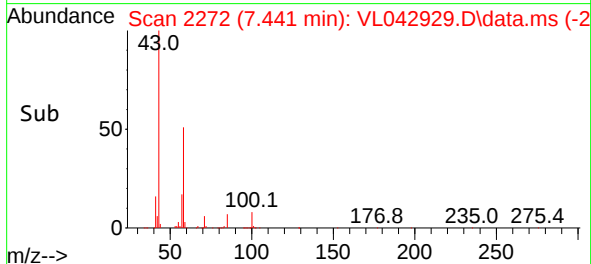
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 43 Resp: 313315
Ion Ratio Lower Upper
43 100
58 48.2 37.9 56.9
98 1.0 0.7 1.1

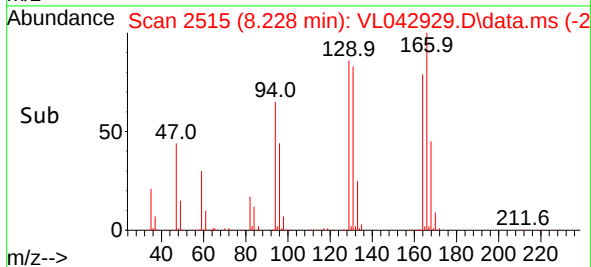
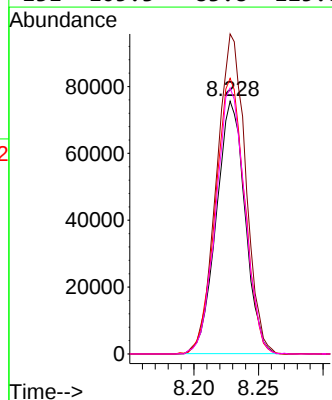
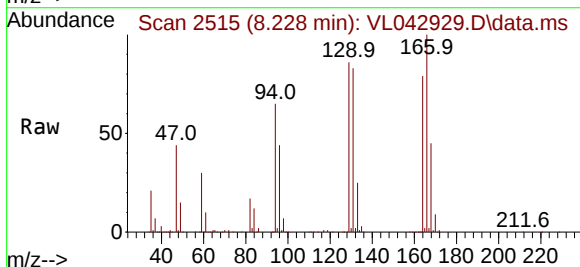
Manual Integrations
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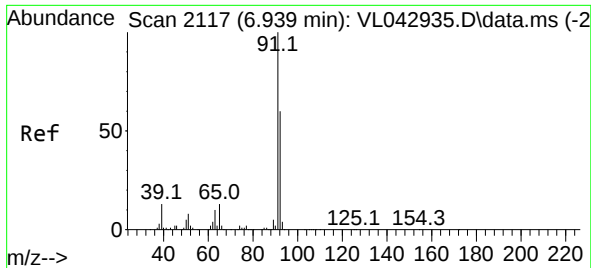
Reviewed By :Semsettin Yesilyurt 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025



#52
Tetrachloroethene
Concen: 10.215 ppbv
RT: 8.228 min Scan# 2515
Delta R.T. -0.003 min
Lab File: VL042929.D
Acq: 17 Sep 2025 10:12

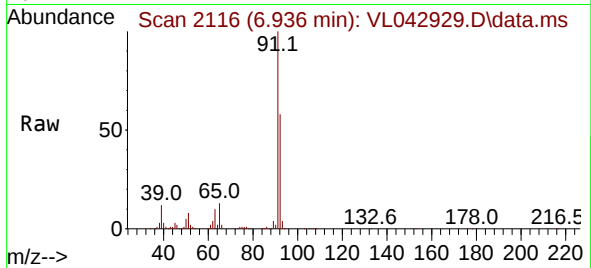
Tgt Ion:164 Resp: 116562
Ion Ratio Lower Upper
164 100
166 126.7 95.4 143.0
129 109.2 84.0 126.0
131 105.3 83.8 125.8





#53
Toluene
Concen: 12.698 ppbv
RT: 6.936 min Scan# 2117
Delta R.T. -0.003 min
Lab File: VL042929.D
Acq: 17 Sep 2025 10:12

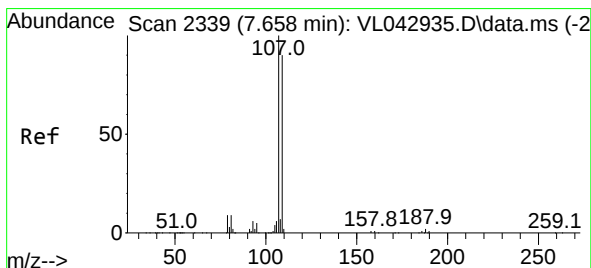
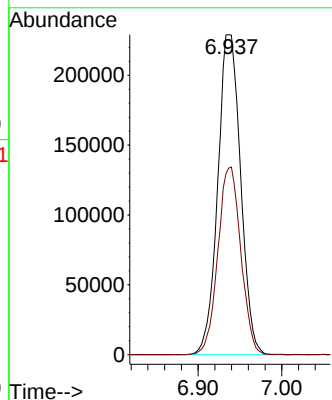
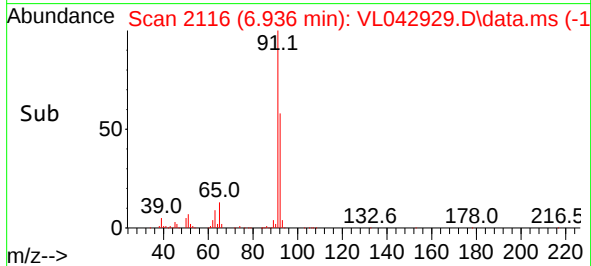
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



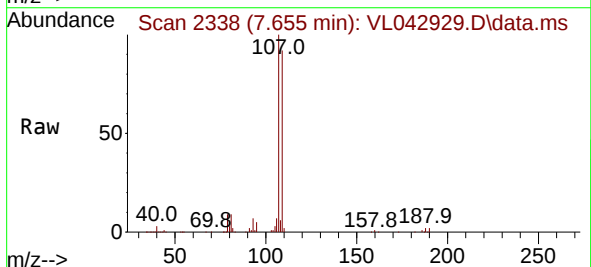
Tgt Ion: 91 Resp: 434240
Ion Ratio Lower Upper
91 100
92 58.8 47.4 71.2

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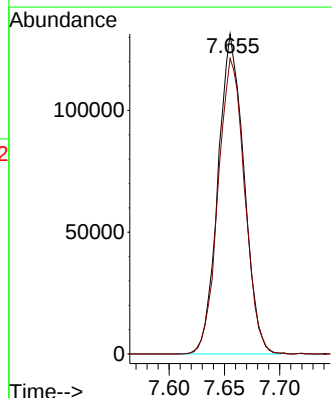
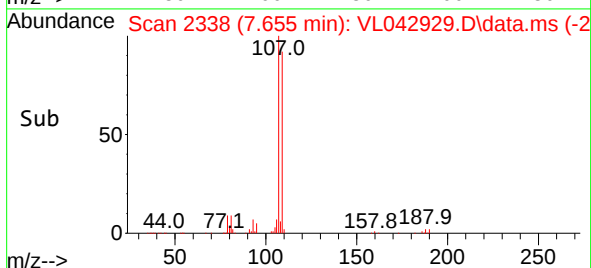
Reviewed By :Semsettin Yesilyurt 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025

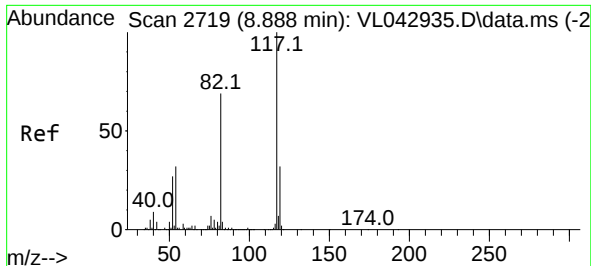


#54
1,2-Dibromoethane
Concen: 10.994 ppbv
RT: 7.655 min Scan# 2338
Delta R.T. -0.003 min
Lab File: VL042929.D
Acq: 17 Sep 2025 10:12



Tgt Ion:107 Resp: 213767
Ion Ratio Lower Upper
107 100
109 92.3 71.8 107.6





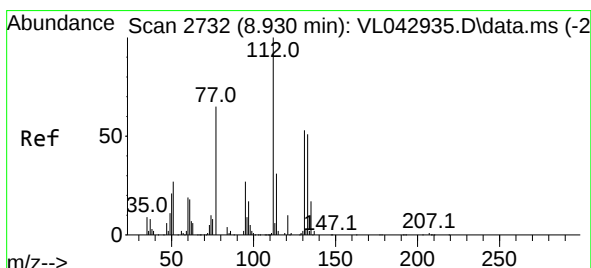
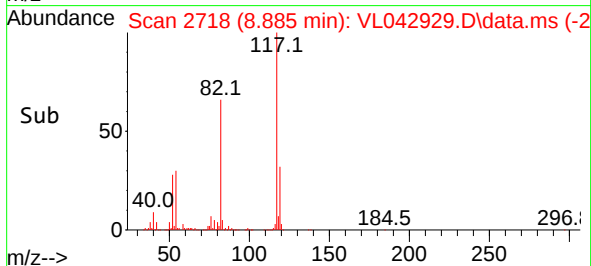
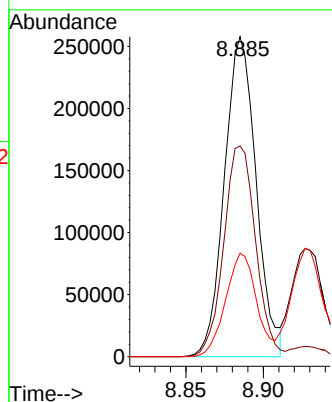
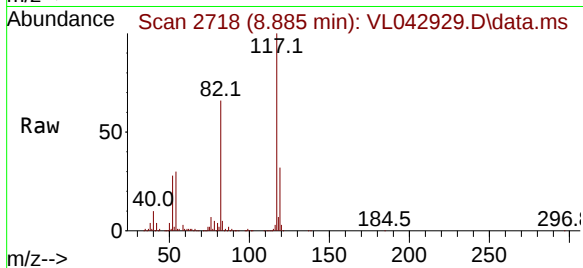
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.885 min Scan# 2719
Delta R.T. -0.003 min
Lab File: VL042929.D
Acq: 17 Sep 2025 10:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:117 Resp: 368110
Ion Ratio Lower Upper
117 100
82 69.3 56.1 84.1
119 31.8 25.8 38.8

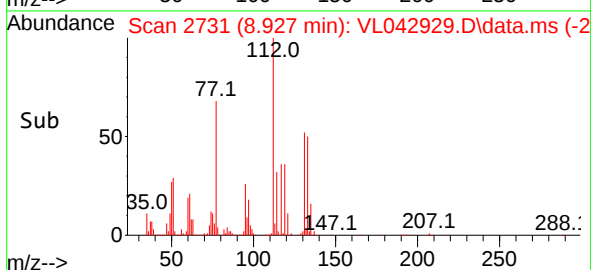
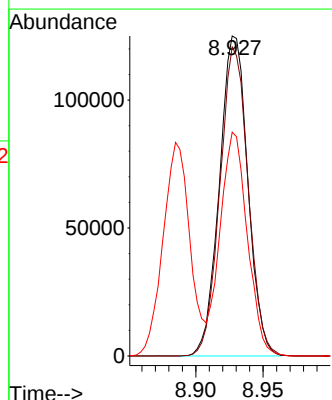
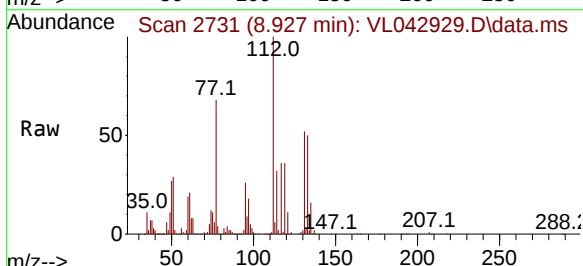
Manual Integrations
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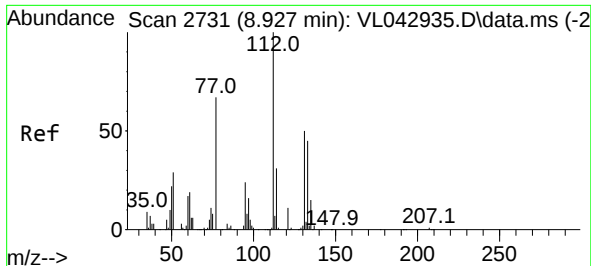
Reviewed By :Semsettin Yesilyurt 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025



#56
1,1,1,2-Tetrachloroethane
Concen: 9.779 ppbv
RT: 8.927 min Scan# 2731
Delta R.T. -0.003 min
Lab File: VL042929.D
Acq: 17 Sep 2025 10:12

Tgt Ion:131 Resp: 183433
Ion Ratio Lower Upper
131 100
133 95.9 76.1 114.1
119 68.1 53.4 80.2





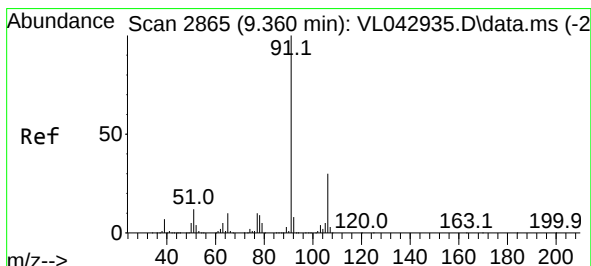
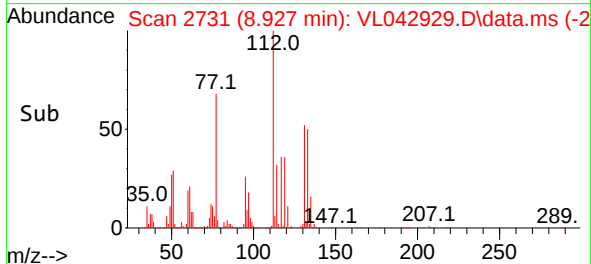
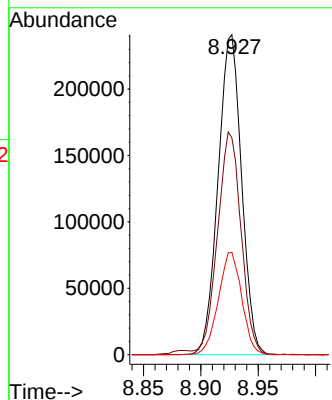
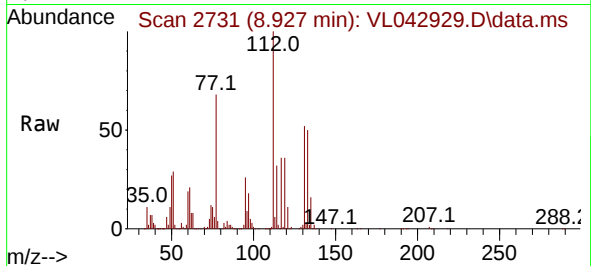
#57
Chlorobenzene
Concen: 10.093 ppbv
RT: 8.927 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL042929.D
Acq: 17 Sep 2025 10:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:112 Resp: 34340
Ion Ratio Lower Upper
112 100
77 67.7 54.8 82.2
114 32.0 28.2 34.4

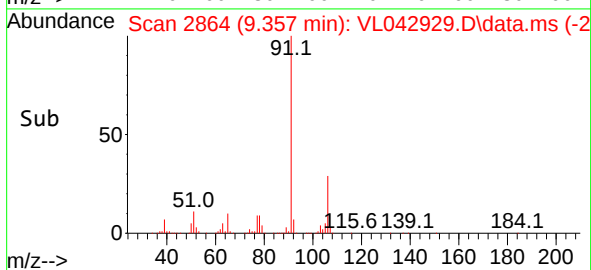
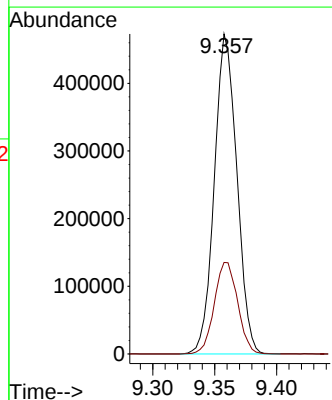
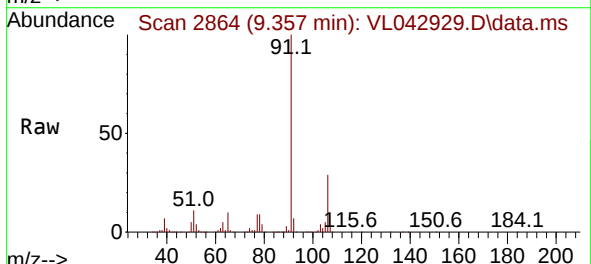
Manual Integrations
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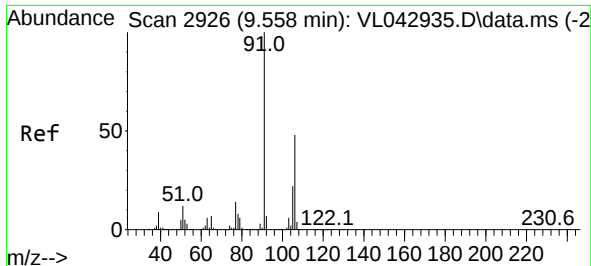
Reviewed By :Semsettin Yesilyurt 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025



#58
Ethyl Benzene
Concen: 12.644 ppbv
RT: 9.357 min Scan# 2864
Delta R.T. -0.003 min
Lab File: VL042929.D
Acq: 17 Sep 2025 10:12

Tgt Ion: 91 Resp: 599625
Ion Ratio Lower Upper
91 100
106 28.6 24.2 36.4





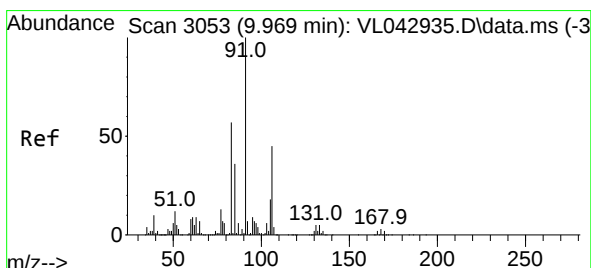
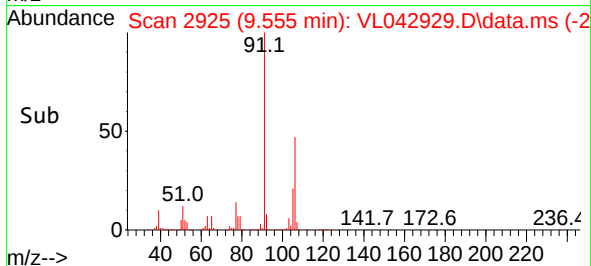
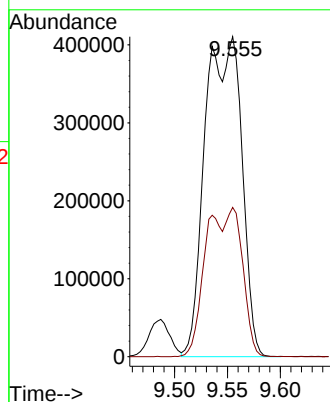
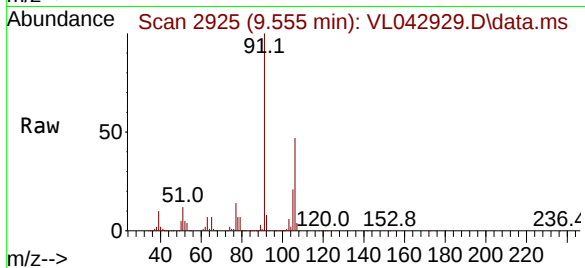
#59
m/p-Xylene
Concen: 24.676 ppbv m
RT: 9.555 min Scan# 2926
Delta R.T. -0.003 min
Lab File: VL042929.D
Acq: 17 Sep 2025 10:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 91 Resp: 989018
Ion Ratio Lower Upper
91 100
106 46.7 37.4 56.0

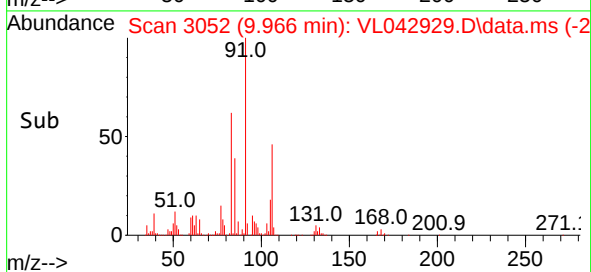
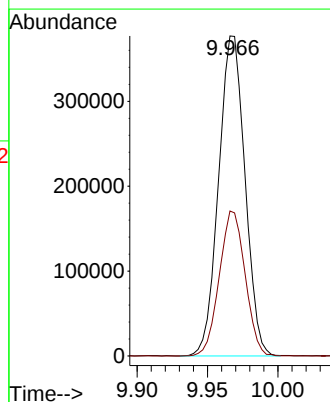
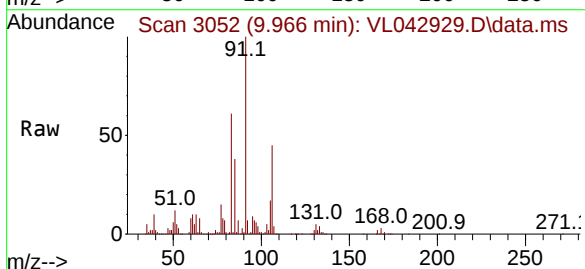
Manual Integrations
APPROVED

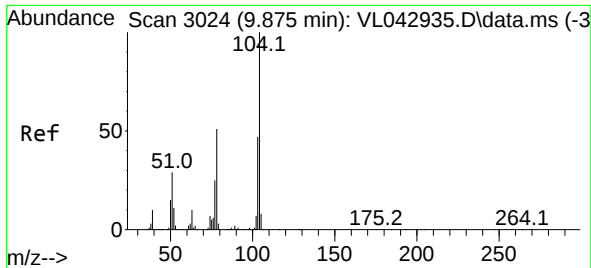
Reviewed By :Semsettin Yesilyurt 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025



#60
o-Xylene
Concen: 12.347 ppbv
RT: 9.966 min Scan# 3052
Delta R.T. -0.003 min
Lab File: VL042929.D
Acq: 17 Sep 2025 10:12

Tgt Ion: 91 Resp: 491964
Ion Ratio Lower Upper
91 100
106 44.4 22.1 66.5





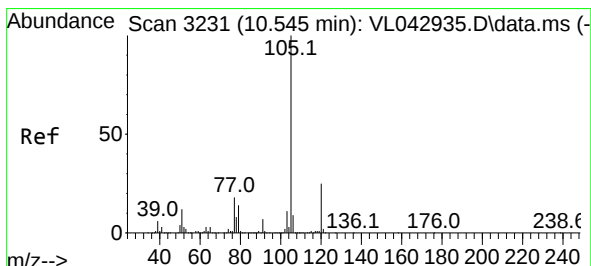
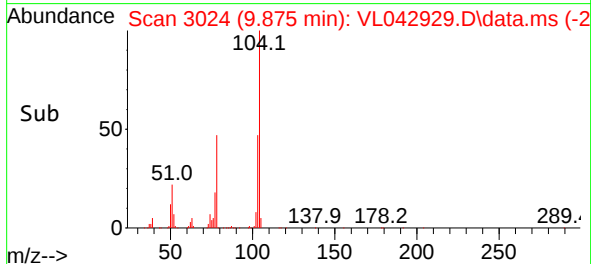
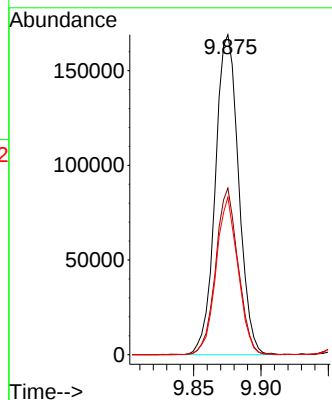
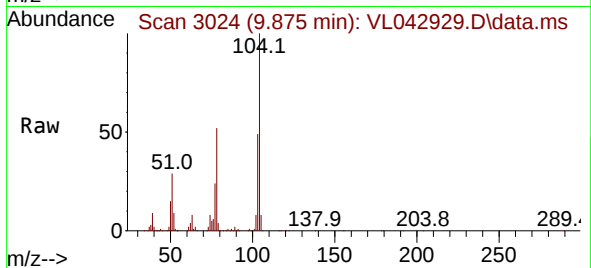
#61
Styrene
Concen: 9.892 ppbv
RT: 9.875 min Scan# 3024
Delta R.T. 0.000 min
Lab File: VL042929.D
Acq: 17 Sep 2025 10:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:104 Resp: 203700
Ion Ratio Lower Upper
104 100
78 50.1 40.2 60.2
103 46.6 36.8 55.2

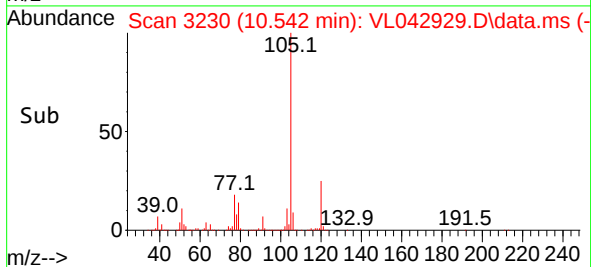
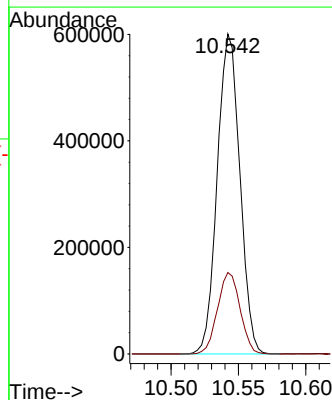
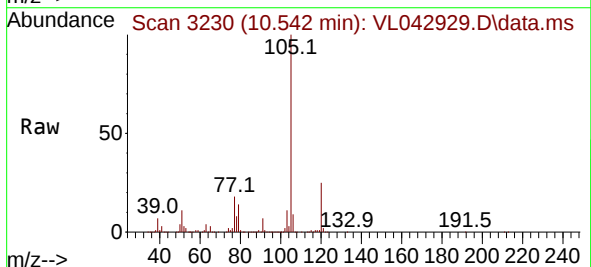
Manual Integrations
APPROVED

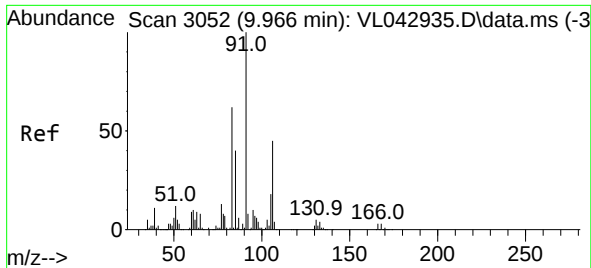
Reviewed By :Semsettin Yesilyurt 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025



#62
Isopropylbenzene
Concen: 12.074 ppbv
RT: 10.542 min Scan# 3230
Delta R.T. -0.003 min
Lab File: VL042929.D
Acq: 17 Sep 2025 10:12

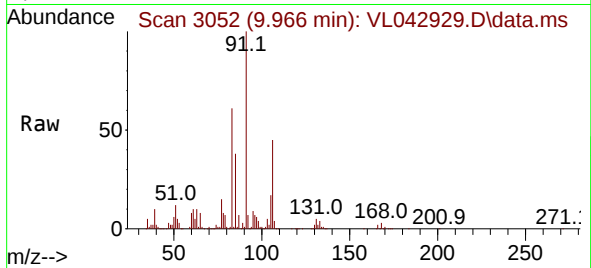
Tgt Ion:105 Resp: 700802
Ion Ratio Lower Upper
105 100
120 25.3 20.0 30.0





#63
1,1,2,2-Tetrachloroethane
Concen: 10.050 ppbv
RT: 9.966 min Scan# 3052
Delta R.T. 0.000 min
Lab File: VL042929.D
Acq: 17 Sep 2025 10:12

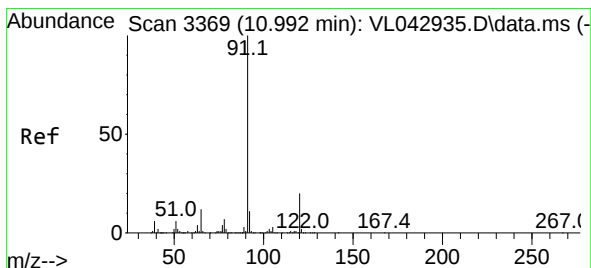
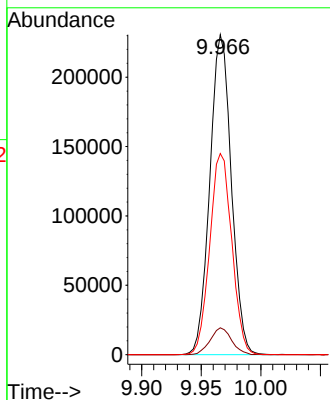
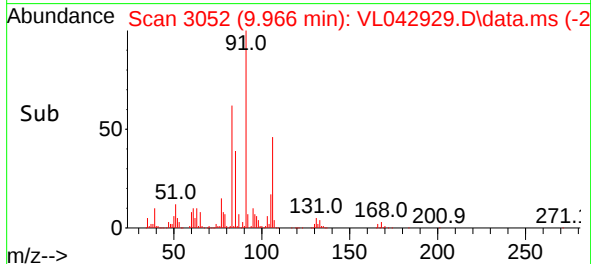
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



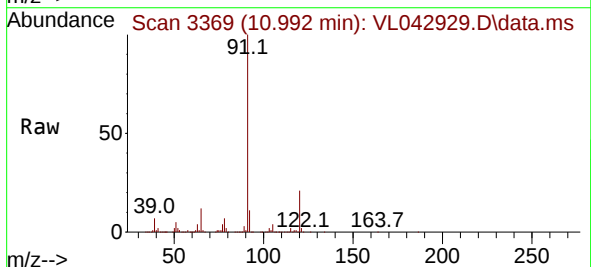
Tgt Ion: 83 Resp: 28921
Ion Ratio Lower Upper
83 100
131 8.4 4.2 12.6
85 64.4 32.6 98.0

Manual Integrations
APPROVED

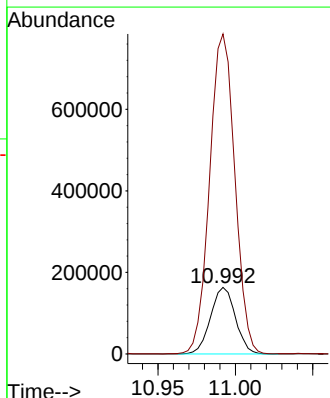
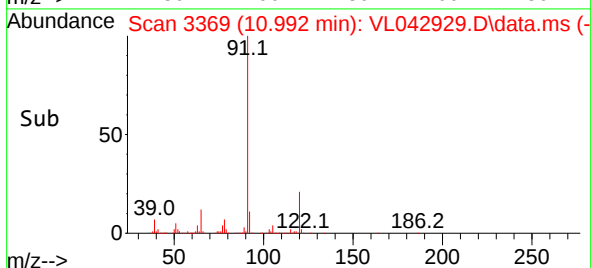
Reviewed By :Semsettin Yesilyurt 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025

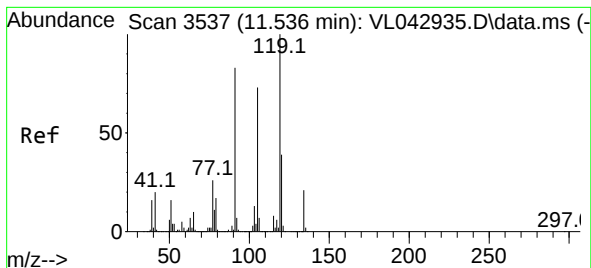


#64
n-propylbenzene
Concen: 12.062 ppbv
RT: 10.992 min Scan# 3369
Delta R.T. 0.000 min
Lab File: VL042929.D
Acq: 17 Sep 2025 10:12



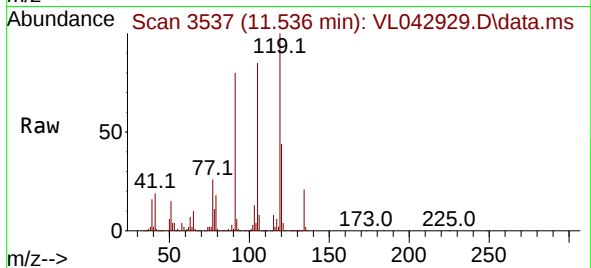
Tgt Ion:120 Resp: 181512
Ion Ratio Lower Upper
120 100
91 489.0 394.6 591.8





#65
tert-Butylbenzene
Concen: 12.444 ppbv
RT: 11.536 min Scan# 3537
Delta R.T. 0.000 min
Lab File: VL042929.D
Acq: 17 Sep 2025 10:12

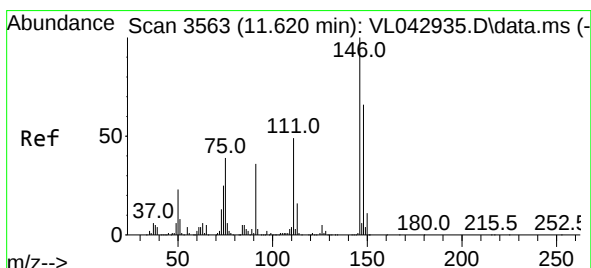
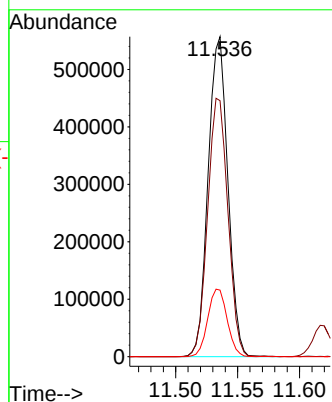
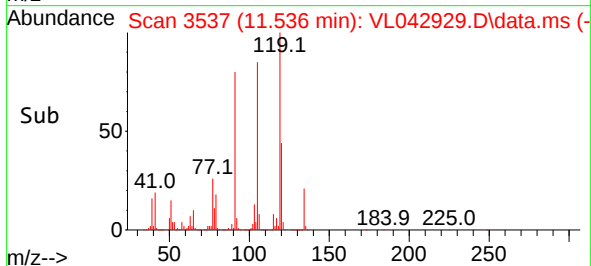
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 119 Resp: 61720
Ion Ratio Lower Upper
119 100
91 83.3 66.0 99.0
134 20.8 16.8 25.2

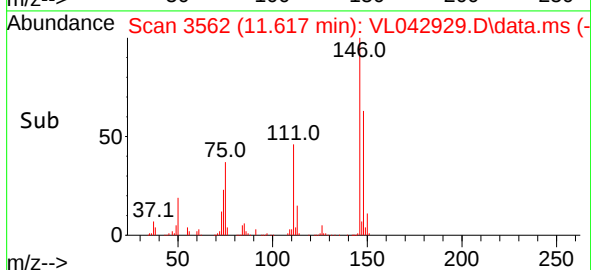
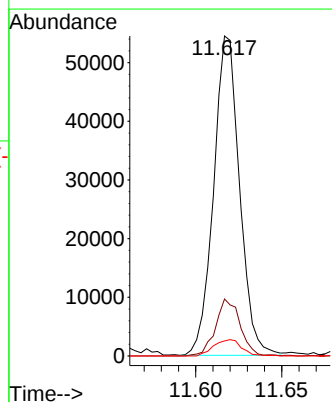
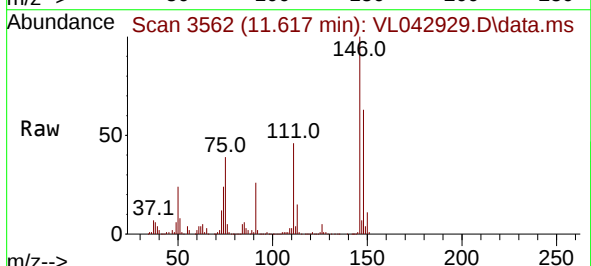
Manual Integrations
APPROVED

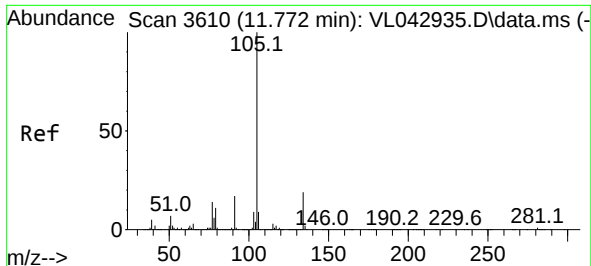
Reviewed By :Semsettin Yesilyurt 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025



#66
Benzyl Chloride
Concen: 12.402 ppbv
RT: 11.617 min Scan# 3562
Delta R.T. -0.003 min
Lab File: VL042929.D
Acq: 17 Sep 2025 10:12

Tgt Ion: 91 Resp: 57156
Ion Ratio Lower Upper
91 100
126 17.0 13.9 20.9
128 5.5 4.9 7.3





#67

sec-Butylbenzene

Concen: 12.101 ppbv

RT: 11.769 min Scan# 3609

Delta R.T. -0.003 min

Lab File: VL042929.D

Acq: 17 Sep 2025 10:12

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion:105 Resp: 91311

Ion Ratio Lower Upper

105 100

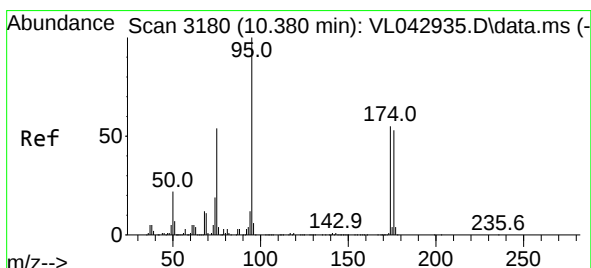
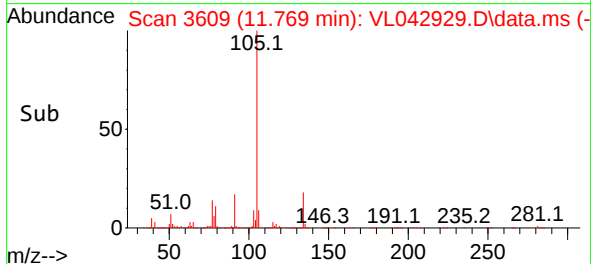
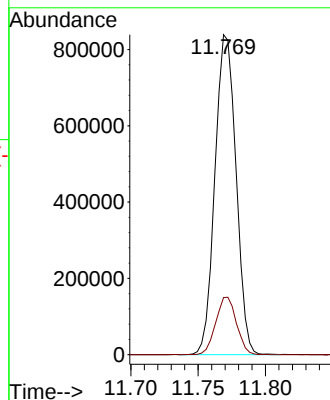
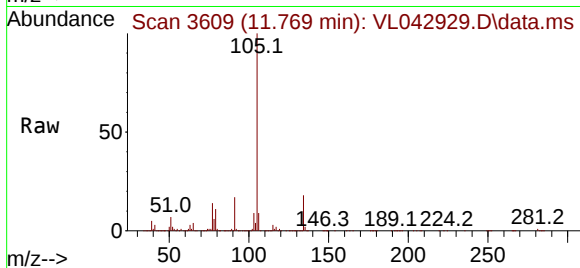
134 17.7 14.3 21.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/18/2025

Supervised By :Mahesh Dadoda 09/18/2025



#68

1-Bromo-4-Fluorobenzene

Concen: 10.312 ppbv

RT: 10.380 min Scan# 3180

Delta R.T. 0.000 min

Lab File: VL042929.D

Acq: 17 Sep 2025 10:12

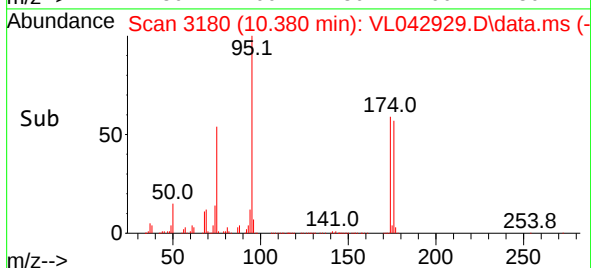
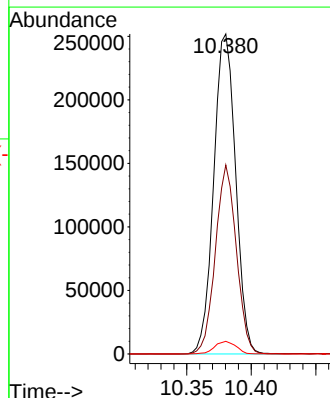
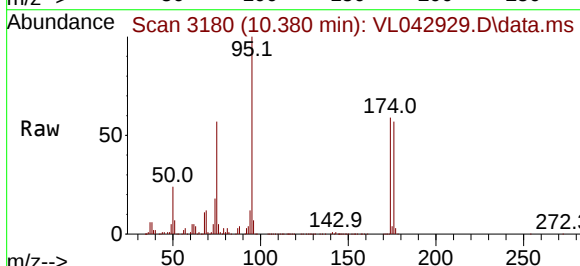
Tgt Ion: 95 Resp: 296698

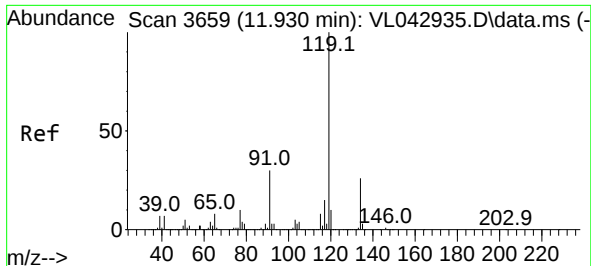
Ion Ratio Lower Upper

95 100

174 56.5 44.9 67.3

175 3.9 3.3 4.9





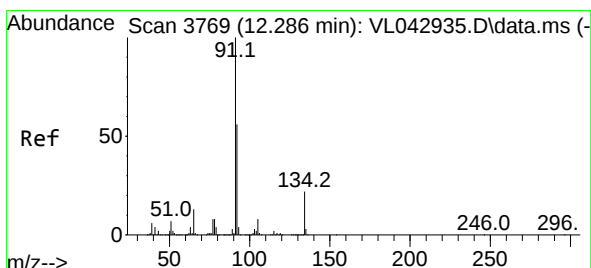
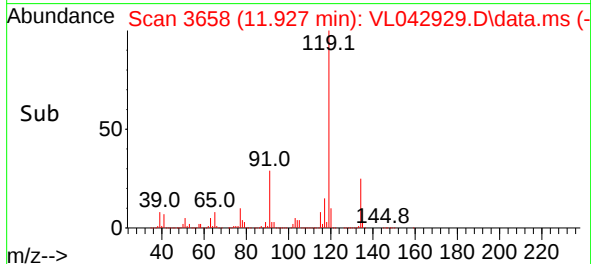
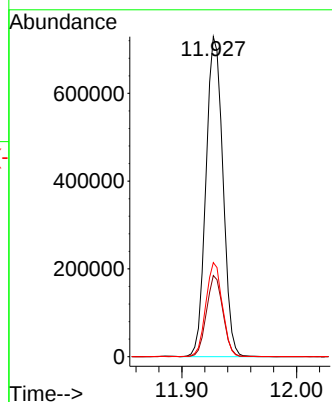
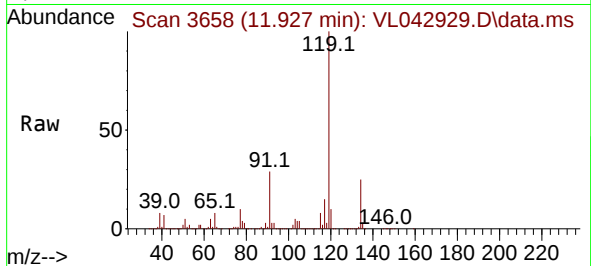
#69
p-Isopropyltoluene
Concen: 12.844 ppbv
RT: 11.927 min Scan# 3658
Delta R.T. -0.003 min
Lab File: VL042929.D
Acq: 17 Sep 2025 10:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:119 Resp: 74688
Ion Ratio Lower Upper
119 100
134 24.7 20.5 30.7
91 28.8 23.2 34.8

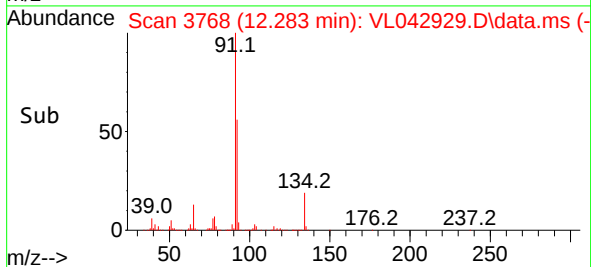
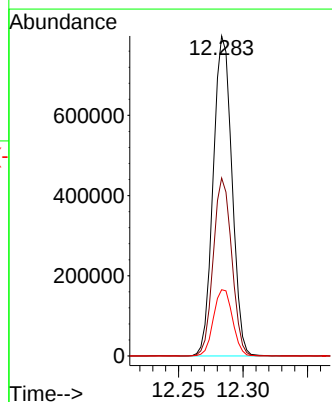
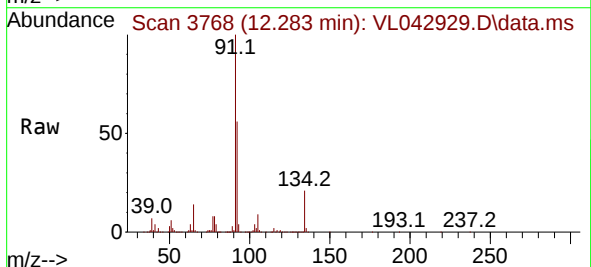
Manual Integrations
APPROVED

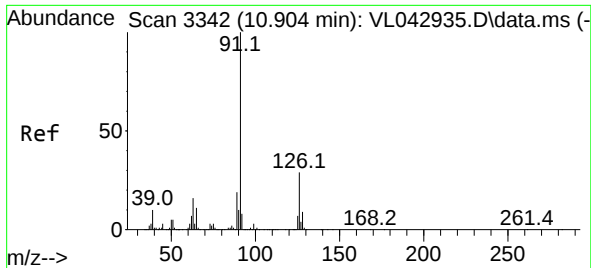
Reviewed By :Semsettin Yesilyurt 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025



#70
n-Butylbenzene
Concen: 10.324 ppbv
RT: 12.283 min Scan# 3768
Delta R.T. -0.003 min
Lab File: VL042929.D
Acq: 17 Sep 2025 10:12

Tgt Ion: 91 Resp: 803213
Ion Ratio Lower Upper
91 100
92 54.8 43.8 65.8
134 21.1 17.3 25.9





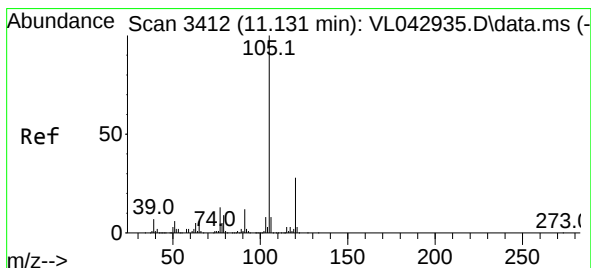
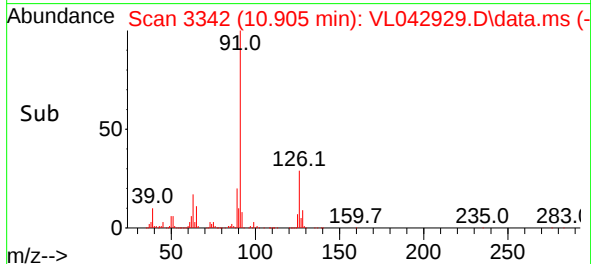
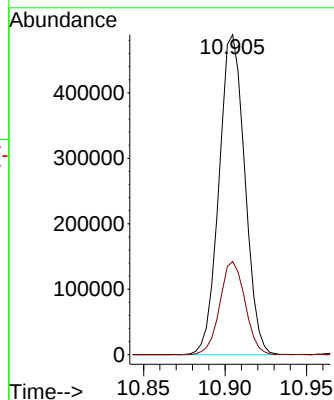
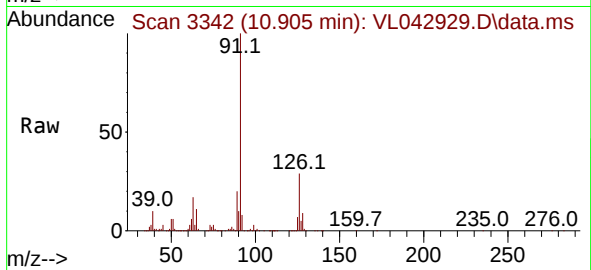
#71
2-Chlorotoluene
Concen: 12.478 ppbv
RT: 10.905 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL042929.D
Acq: 17 Sep 2025 10:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 91 Resp: 537404
Ion Ratio Lower Upper
91 100
126 28.6 11.5 45.9

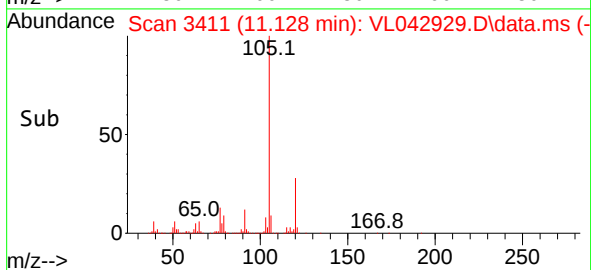
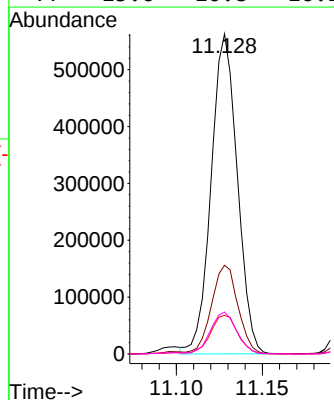
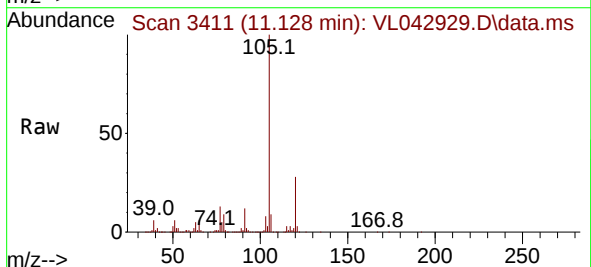
Manual Integrations
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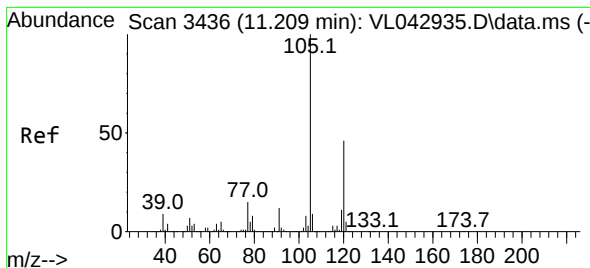
Reviewed By :Semsettin Yesilyurt 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025



#72
4-Ethyltoluene
Concen: 9.895 ppbv
RT: 11.128 min Scan# 3411
Delta R.T. -0.003 min
Lab File: VL042929.D
Acq: 17 Sep 2025 10:12

Tgt Ion:105 Resp: 595279
Ion Ratio Lower Upper
105 100
120 28.7 23.1 34.7
91 12.9 10.4 15.6
77 13.6 10.8 16.2





#73

1,3,5-Trimethylbenzene

Concen: 12.492 ppbv

RT: 11.206 min Scan# 3436

Delta R.T. -0.003 min

Lab File: VL042929.D

Acq: 17 Sep 2025 10:12

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion:105 Resp: 49244

Ion Ratio Lower Upper

105 100

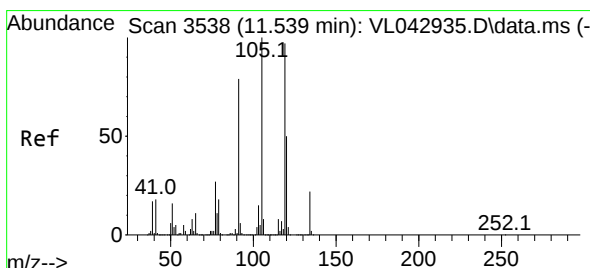
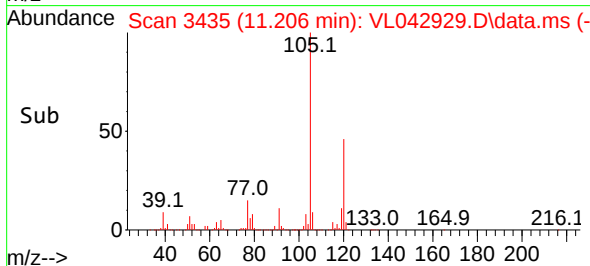
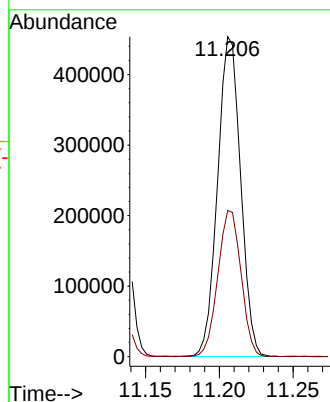
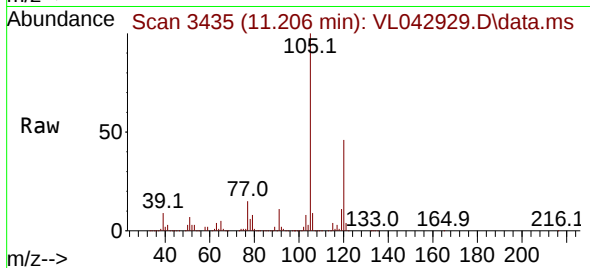
120 45.7 37.0 55.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/18/2025

Supervised By :Mahesh Dadoda 09/18/2025



#74

1,2,4-Trimethylbenzene

Concen: 12.226 ppbv

RT: 11.539 min Scan# 3538

Delta R.T. 0.000 min

Lab File: VL042929.D

Acq: 17 Sep 2025 10:12

Tgt Ion:105 Resp: 566360

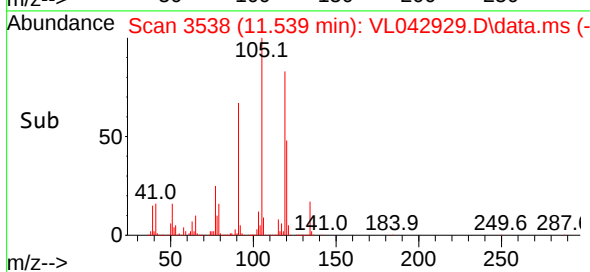
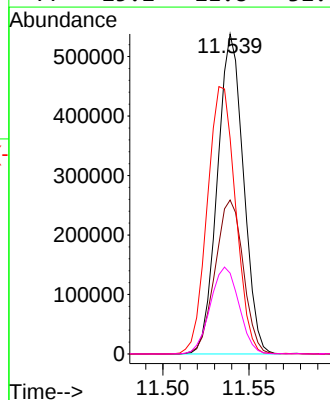
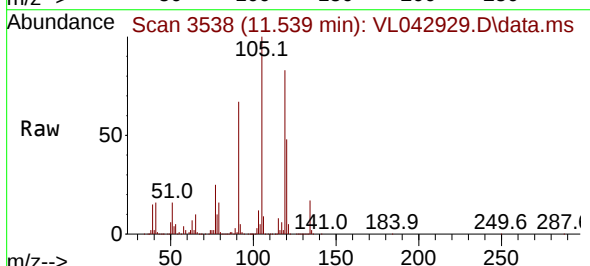
Ion Ratio Lower Upper

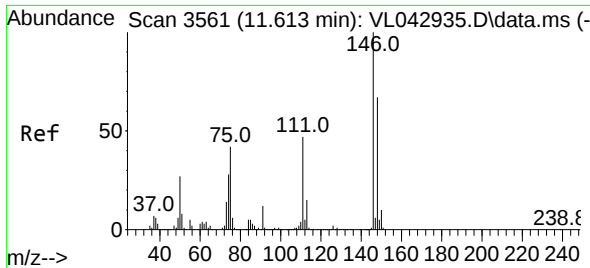
105 100

120 48.1 39.8 59.6

91 67.3 63.1 94.7

77 25.2 21.8 32.6





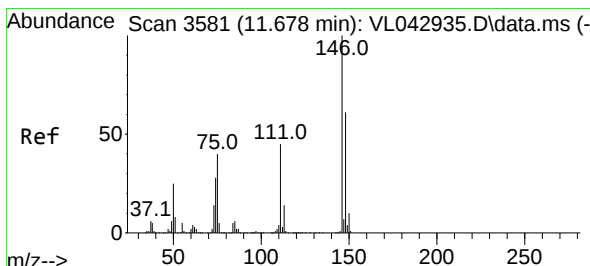
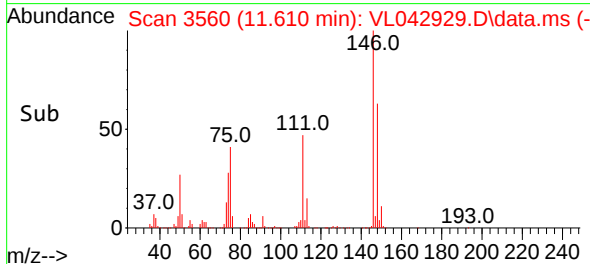
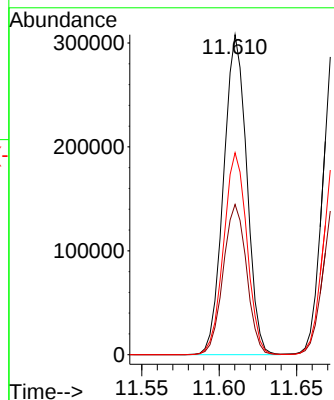
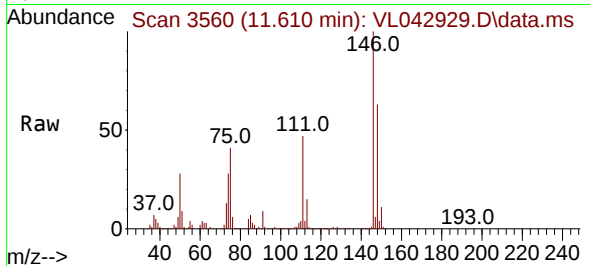
#75
1,3-Dichlorobenzene
Concen: 10.894 ppbv
RT: 11.610 min Scan# 3560
Delta R.T. -0.003 min
Lab File: VL042929.D
Acq: 17 Sep 2025 10:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:146 Resp: 31995
Ion Ratio Lower Upper
146 100
111 47.5 24.1 72.2
148 63.5 31.8 95.3

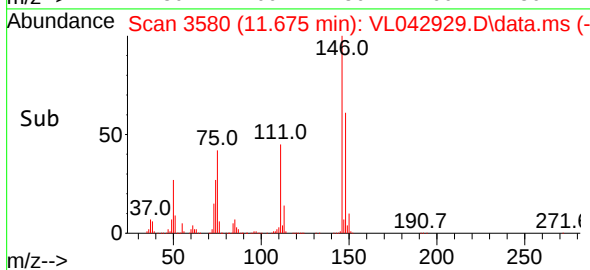
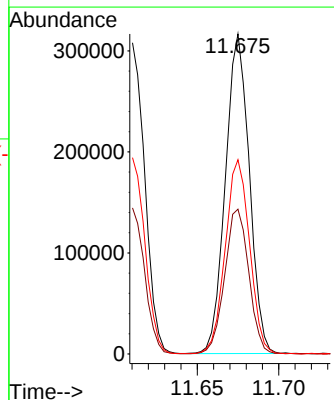
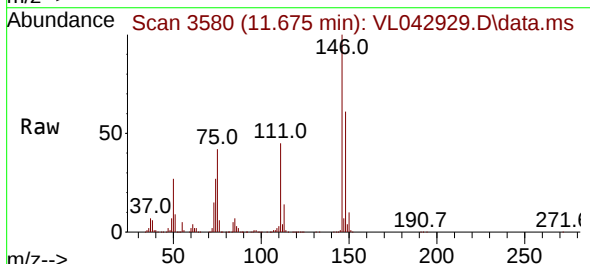
Manual Integrations
APPROVED

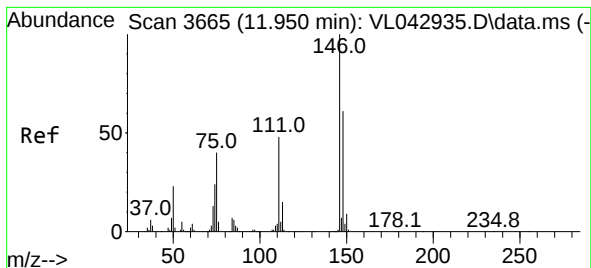
Reviewed By :Semsettin Yesilyurt 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025



#76
1,4-Dichlorobenzene
Concen: 11.411 ppbv
RT: 11.675 min Scan# 3580
Delta R.T. -0.003 min
Lab File: VL042929.D
Acq: 17 Sep 2025 10:12

Tgt Ion:146 Resp: 322422
Ion Ratio Lower Upper
146 100
111 46.1 23.0 69.0
148 62.2 31.8 95.4





#77

1,2-Dichlorobenzene

Concen: 10.627 ppbv

RT: 11.950 min Scan# 30

Delta R.T. 0.000 min

Lab File: VL042929.D

Acq: 17 Sep 2025 10:12

Instrument :

MSVOA_L

ClientSampleId :

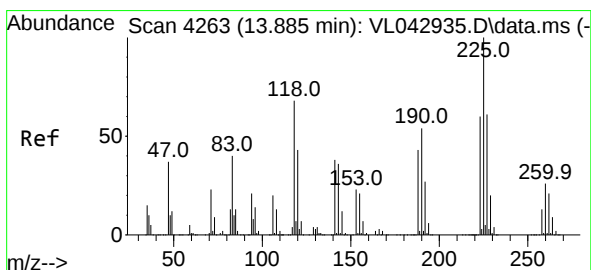
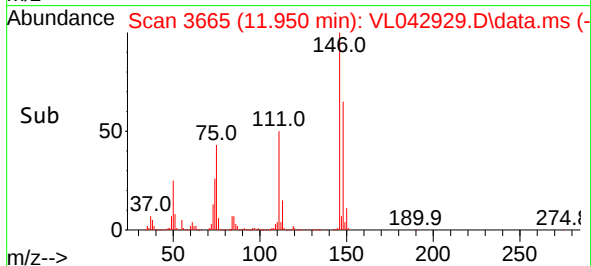
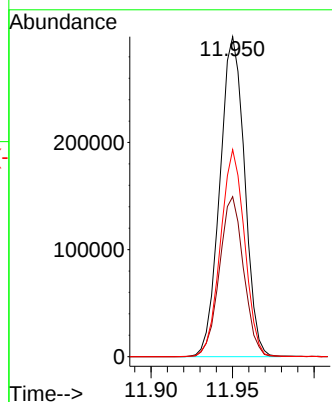
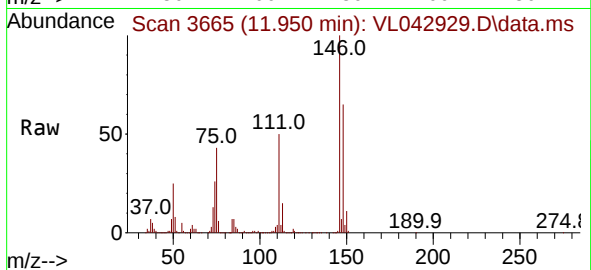
VSTDICCC010

Tgt Ion:	146	Resp:	31491
Ion Ratio	Lower	Upper	
146	100		
111	49.1	24.6	73.8
148	63.2	31.4	94.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025



#78

Hexachloro-1,3-Butadiene

Concen: 9.740 ppbv

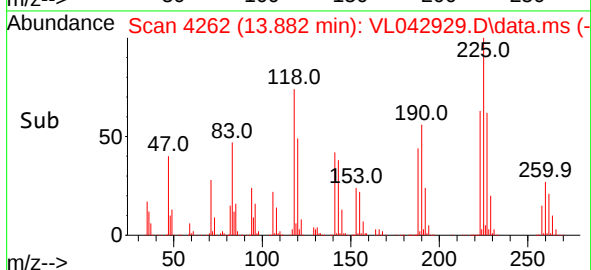
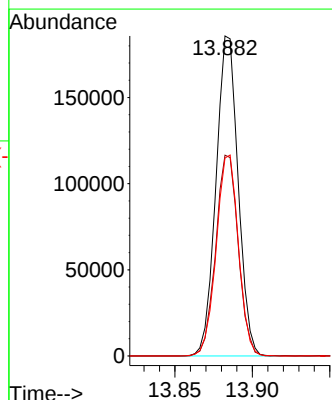
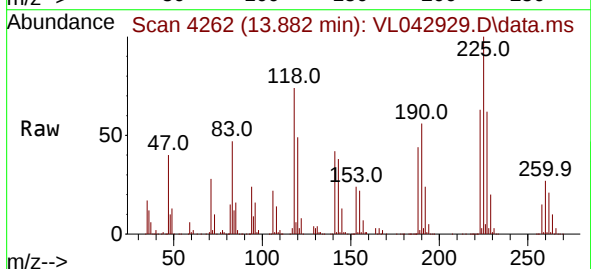
RT: 13.882 min Scan# 4262

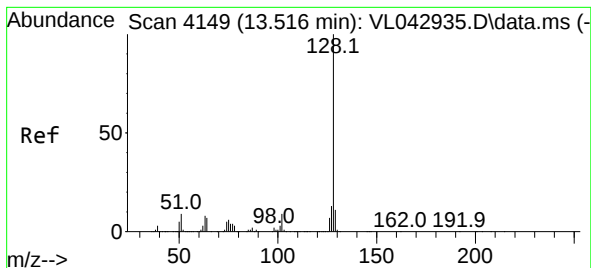
Delta R.T. -0.003 min

Lab File: VL042929.D

Acq: 17 Sep 2025 10:12

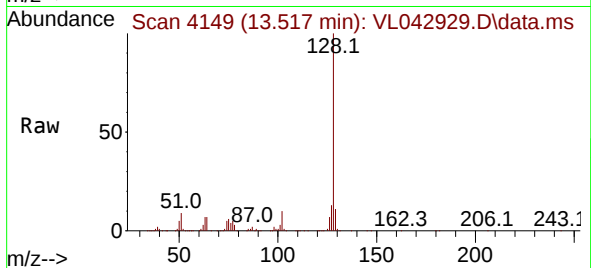
Tgt Ion:	225	Resp:	184323
Ion Ratio	Lower	Upper	
225	100		
223	63.7	50.6	76.0
227	62.9	50.5	75.7





#79
Naphthalene
Concen: 9.803 ppbv
RT: 13.517 min Scan# 4149
Delta R.T. 0.001 min
Lab File: VL042929.D
Acq: 17 Sep 2025 10:12

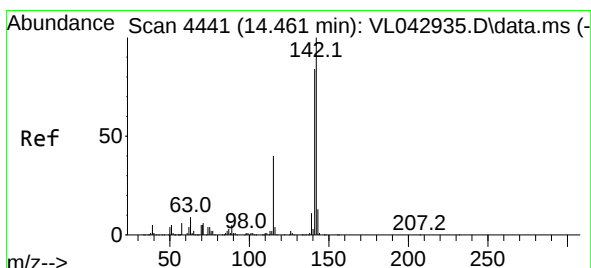
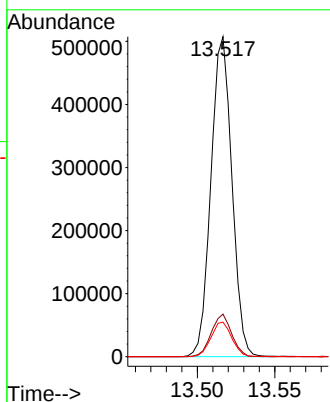
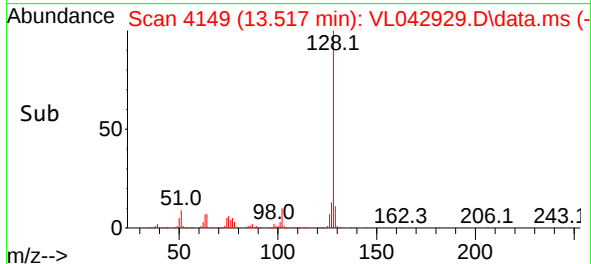
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



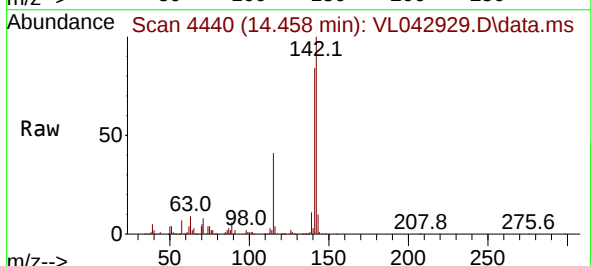
Tgt Ion:128 Resp: 477029
Ion Ratio Lower Upper
128 100
127 13.3 10.3 15.5
129 10.8 8.7 13.1

Manual Integrations
APPROVED

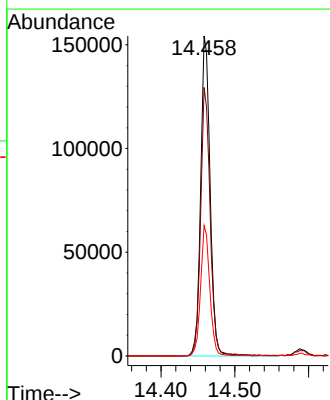
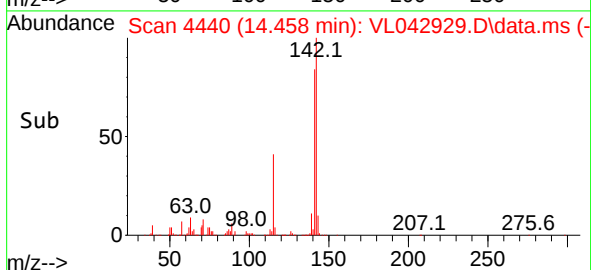
Reviewed By :Semsettin Yesilyurt 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025

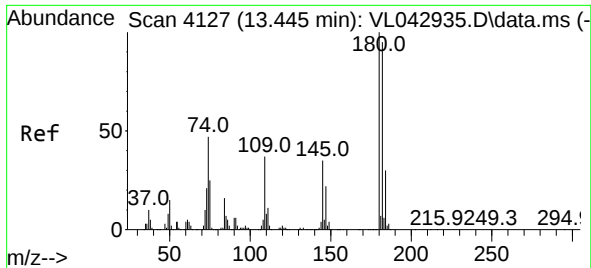


#80
Naphthalene,2-methyl-
Concen: 8.988 ppbv
RT: 14.458 min Scan# 4440
Delta R.T. -0.003 min
Lab File: VL042929.D
Acq: 17 Sep 2025 10:12



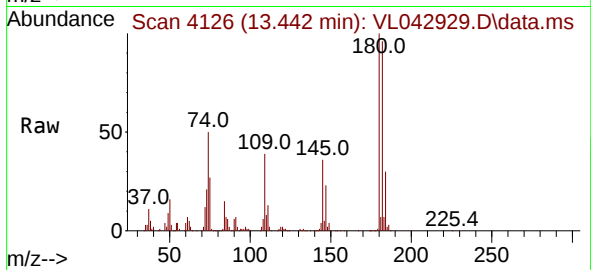
Tgt Ion:142 Resp: 137120
Ion Ratio Lower Upper
142 100
141 84.3 67.0 100.6
115 39.7 32.0 48.0





#81
 1,2,4-Trichlorobenzene
 Concen: 9.719 ppbv
 RT: 13.442 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VL042929.D
 Acq: 17 Sep 2025 10:12

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



Tgt Ion:180 Resp: 226897
 Ion Ratio Lower Upper
 180 100
 182 95.3 75.5 113.3
 184 30.1 24.6 37.0

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 09/18/2025
 Supervised By :Mahesh Dadoda 09/18/2025

