

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL082625\
 Data File : VL042880.D
 Acq On : 26 Aug 2025 08:29
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Quant Time: Aug 27 01:09:19 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL081325AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 27 2025

QLast Update : Thu Aug 14 02:12:54 2025

Response via : Initial Calibration

Manual Integrations

APPROVED

Reviewed By : Semsettin Yesilyurt 08/27/2025
 Supervised By : Mahesh Dadoda 08/27/2025

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

Internal Standards						
1) Bromochloromethane	2.793	49	122810	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.965	114	336296	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.888	117	294948	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 10.383 95 235225 10.634 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 106.300%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.502	85	183364	10.188	ppbv	99
3) Chlorodifluoromethane	1.479	51	203212	10.214	ppbv	98
4) Chloromethane	1.534	50	69979	9.635	ppbv	97
5) Vinyl Chloride	1.583	62	64920	9.076	ppbv	100
6) Bromomethane	1.670	94	26845	9.386	ppbv	96
7) Chloroethane	1.706	64	24801	8.878	ppbv	92
8) Dichlorotetrafluoroethane	1.557	85	146099	9.919	ppbv	95
9) Propene	1.486	41	75313	8.766	ppbv	97
10) Heptane	4.991	43	211489	9.190	ppbv	100
11) Trichlorofluoromethane	1.881	101	174494	9.826	ppbv	95
12) 1,1,2-Trichlorotrifluo...	2.143	101	139099	9.828	ppbv	96
13) Ethanol	1.725	45	5799	7.382	ppbv	100
14) Bromoethene	1.784	108	48467	9.459	ppbv	99
15) Acetone	1.839	43	134319	8.268	ppbv	100
16) 1,3-Butadiene	1.612	39	64565	8.767	ppbv	100
17) tert-Butyl alcohol	2.046	59	165719	8.602	ppbv	97
18) 1,1-Dichloroethene	2.036	96	61218	9.838	ppbv	96
19) Isopropyl Alcohol	1.887	45	84638	8.723	ppbv	95
20) Methylene Chloride	2.065	84	54772	8.048	ppbv	93
21) Allyl Chloride	2.101	41	107208	9.341	ppbv	94
22) trans-1,2-Dichloroethene	2.344	96	69614	9.670	ppbv	96
23) Vinyl Acetate	2.467	43	218325	9.774	ppbv #	97
24) 1,1-Dichloroethane	2.412	63	139590	9.709	ppbv	100
25) Ethyl Acetate	2.839	43	383086	9.743	ppbv	98
26) Hexane	2.832	57	171859	9.469	ppbv	93
27) Carbon Disulfide	2.153	76	176879	10.015	ppbv	99
28) Methyl tert-Butyl Ether	2.444	73	87775	9.485	ppbv	91
29) Chloroform	2.855	83	270006	10.420	ppbv	98
30) Cyclohexane	3.865	84	145756	9.160	ppbv	97
31) cis-1,2-Dichloroethene	2.725	61	171782	9.476	ppbv	96
32) 1,1,1-Trichloroethane	3.373	97	268172	9.793	ppbv	97
34) 2-Butanone	2.560	43	245700	10.820	ppbv	99
35) Carbon Tetrachloride	3.771	117	268495	11.581	ppbv	96
36) Benzene	3.664	78	342327	10.630	ppbv	99
37) 1,2-Dichloroethane	3.224	62	210915	12.536	ppbv	96
38) Trichloroethene	4.554	130	147070	10.000	ppbv	94
39) 1,2-Dichloropropane	4.321	63	128537	10.929	ppbv	92
40) 1,4-Dioxane	4.590	88	52575	9.401	ppbv #	89
41) Tetrahydrofuran	3.059	42	135134	10.674	ppbv	99
42) Bromodichloromethane	4.499	83	300275	11.977	ppbv	99
43) Methyl Methacrylate	4.891	69	132478	9.986	ppbv	94
44) 2,2,4-Trimethylpentane	4.648	57	578677	10.587	ppbv	98
45) t-1,3-Dichloropropene	6.425	75	151146	10.096	ppbv	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL082625\
 Data File : VL042880.D
 Acq On : 26 Aug 2025 08:29
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 08/27/2025
 Supervised By :Mahesh Dadoda 08/27/2025

Quant Time: Aug 27 01:09:19 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL081325AIR.M

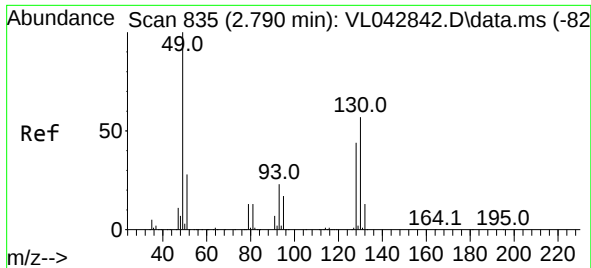
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 27 2025

QLast Update : Thu Aug 14 02:12:54 2025

Response via : Initial Calibration

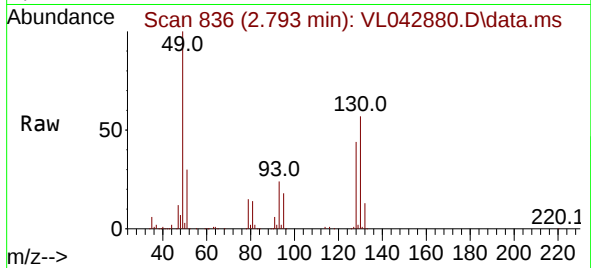
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.609	75	196004	10.507	ppbv	97
47) 1,1,2-Trichloroethane	6.590	97	137096	11.002	ppbv	98
48) Dibromochloromethane	7.396	129	226360	11.225	ppbv	100
49) Bromoform	9.490	173	181503	10.914	ppbv	99
50) 4-Methyl-2-Pentanone	5.761	43	336202	10.953	ppbv	97
51) 2-Hexanone	7.445	43	268720	11.126	ppbv #	97
52) Tetrachloroethene	8.234	164	108007	9.271	ppbv	89
53) Toluene	6.943	91	389102	10.163	ppbv	100
54) 1,2-Dibromoethane	7.661	107	196903	10.812	ppbv	99
56) 1,1,1,2-Tetrachloroethane	8.933	131	166781	10.935	ppbv	98
57) Chlorobenzene	8.930	112	297688	10.615	ppbv	99
58) Ethyl Benzene	9.361	91	553547	10.635	ppbv	97
59) m/p-Xylene	9.558	91	901528m	22.098	ppbv	
60) o-Xylene	9.969	91	452658	11.030	ppbv	98
61) Styrene	9.878	104	194940	10.138	ppbv	98
62) Isopropylbenzene	10.545	105	641727	10.700	ppbv	98
63) 1,1,2,2-Tetrachloroethane	9.969	83	249214	11.042	ppbv	99
64) n-propylbenzene	10.995	120	162661	10.630	ppbv	91
65) tert-Butylbenzene	11.539	119	557907	10.552	ppbv	95
66) Benzyl Chloride	11.620	91	48141	7.172	ppbv	98
67) sec-Butylbenzene	11.772	105	812989	10.955	ppbv	98
69) p-Isopropyltoluene	11.931	119	659073	10.344	ppbv	97
70) n-Butylbenzene	12.287	91	703206	11.128	ppbv	97
71) 2-Chlorotoluene	10.908	91	498341	10.701	ppbv	96
72) 4-Ethyltoluene	11.131	105	541729	10.889	ppbv	98
73) 1,3,5-Trimethylbenzene	11.209	105	449818	10.632	ppbv	99
74) 1,2,4-Trimethylbenzene	11.542	105	498209	10.728	ppbv	97
75) 1,3-Dichlorobenzene	11.613	146	282628	10.706	ppbv	98
76) 1,4-Dichlorobenzene	11.678	146	282236	10.571	ppbv	99
77) 1,2-Dichlorobenzene	11.953	146	273118	10.566	ppbv	98
78) Hexachloro-1,3-Butadiene	13.885	225	175877	8.301	ppbv	97
79) Naphthalene	13.516	128	439648	10.443	ppbv	98
80) Naphthalene,2-methyl-	14.462	142	129366	8.223	ppbv	99
81) 1,2,4-Trichlorobenzene	13.445	180	210039	9.926	ppbv	98

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.793 min Scan# 81
Delta R.T. 0.003 min
Lab File: VL042880.D
Acq: 26 Aug 2025 08:29

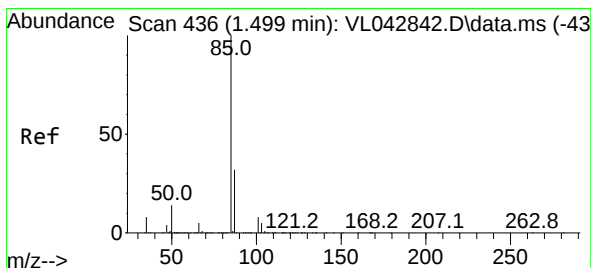
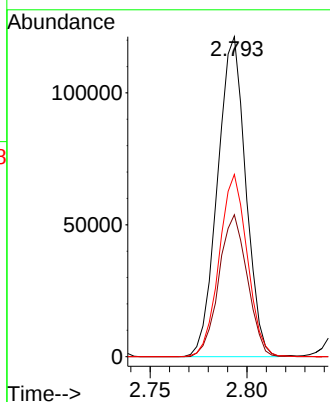
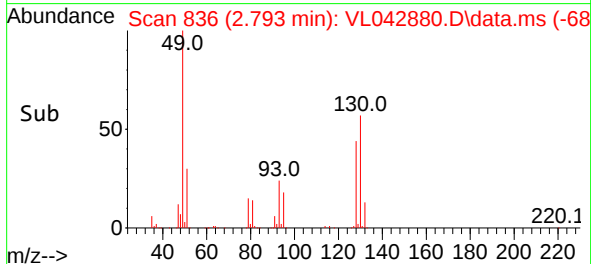
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



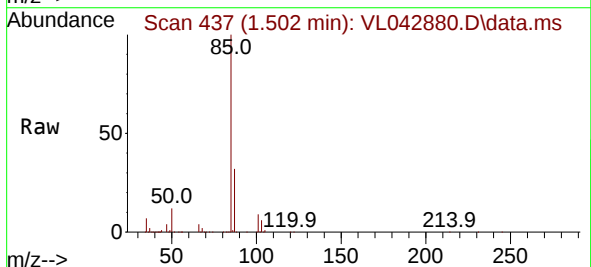
Tgt Ion: 49 Resp: 122810
Ion Ratio Lower Upper
49 100
128 44.7 23.7 71.1
130 56.8 30.6 91.6

Manual Integrations
APPROVED

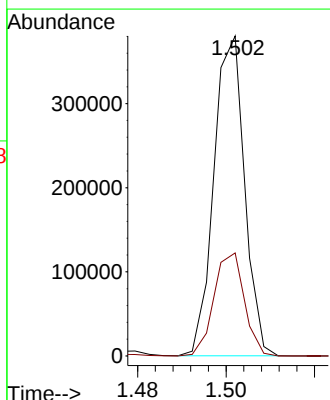
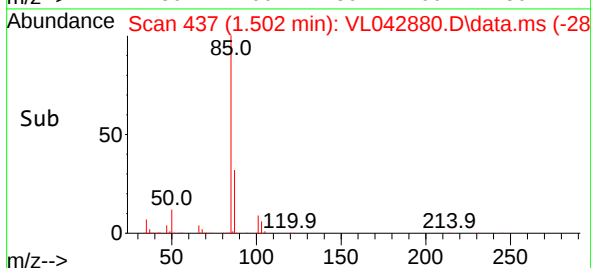
Reviewed By :Semsettin Yesilyurt 08/27/2025
Supervised By :Mahesh Dadoda 08/27/2025

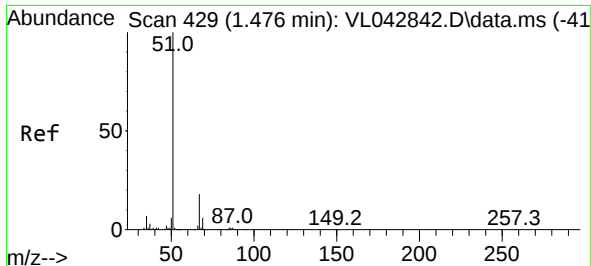


#2
Dichlorodifluoromethane
Concen: 10.188 ppbv
RT: 1.502 min Scan# 437
Delta R.T. 0.003 min
Lab File: VL042880.D
Acq: 26 Aug 2025 08:29



Tgt Ion: 85 Resp: 183364
Ion Ratio Lower Upper
85 100
87 32.2 25.3 37.9





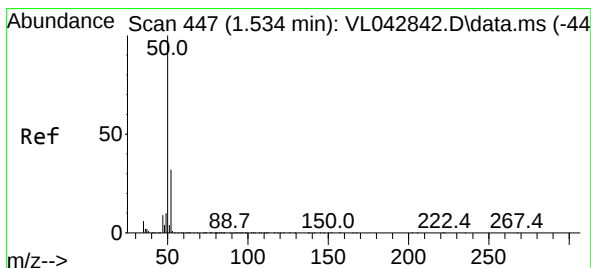
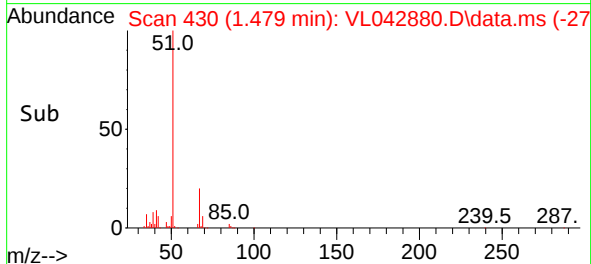
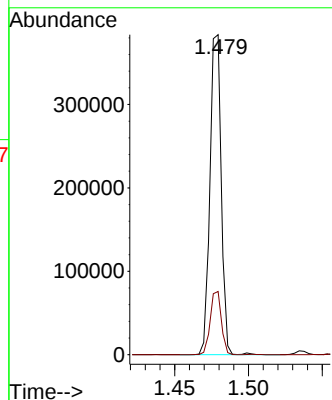
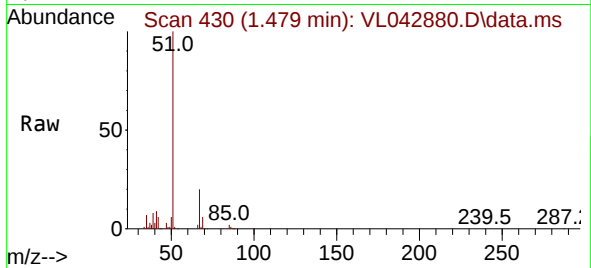
#3
Chlorodifluoromethane
Concen: 10.214 ppbv
RT: 1.479 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL042880.D
Acq: 26 Aug 2025 08:29

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 51 Resp: 20321
Ion Ratio Lower Upper
51 100
67 19.6 14.9 22.3

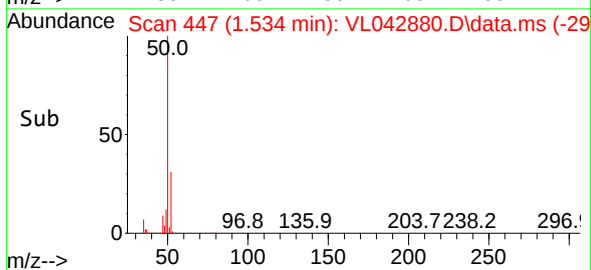
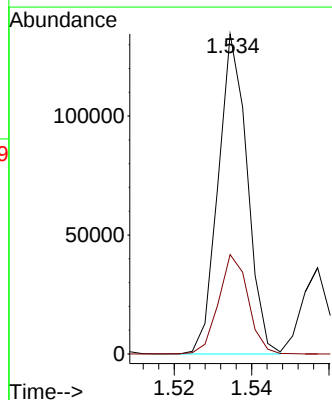
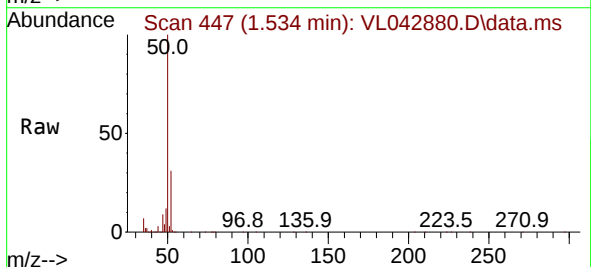
Manual Integrations
APPROVED

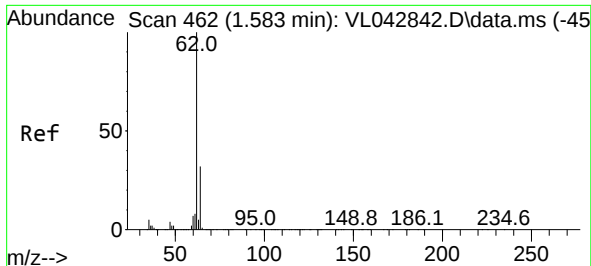
Reviewed By :Semsettin Yesilyurt 08/27/2025
Supervised By :Mahesh Dadoda 08/27/2025



#4
Chloromethane
Concen: 9.635 ppbv
RT: 1.534 min Scan# 447
Delta R.T. -0.000 min
Lab File: VL042880.D
Acq: 26 Aug 2025 08:29

Tgt Ion: 50 Resp: 69979
Ion Ratio Lower Upper
50 100
52 31.0 25.9 38.9





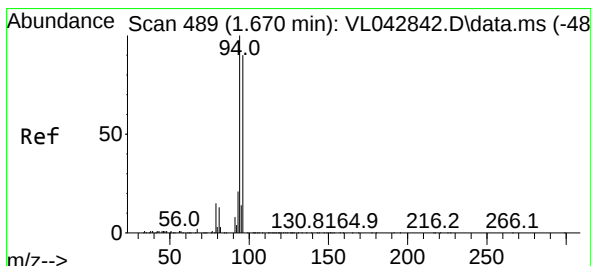
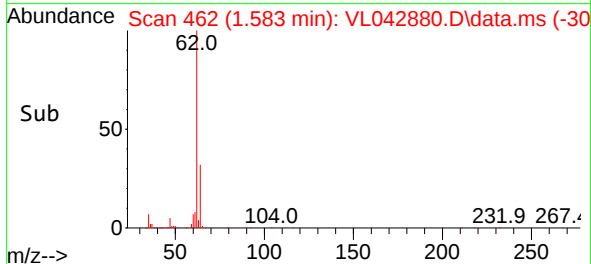
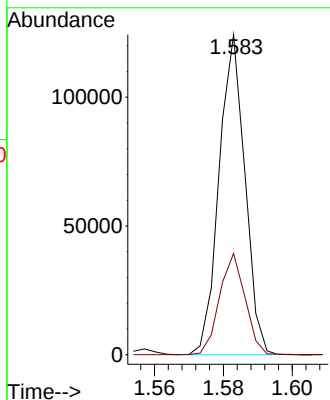
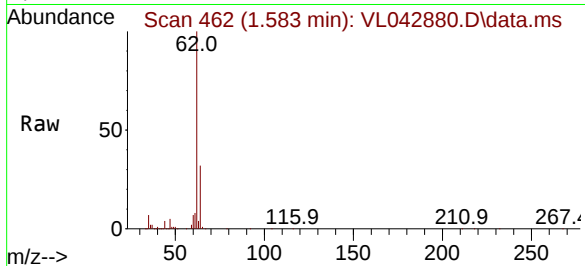
#5
 Vinyl Chloride
 Concen: 9.076 ppbv
 RT: 1.583 min Scan# 462
 Delta R.T. -0.000 min
 Lab File: VL042880.D
 Acq: 26 Aug 2025 08:29

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 62 Resp: 64920
 Ion Ratio Lower Upper
 62 100
 64 31.6 25.4 38.2

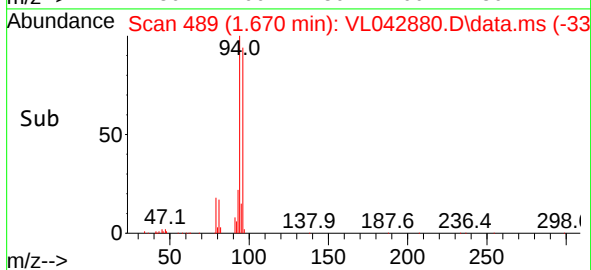
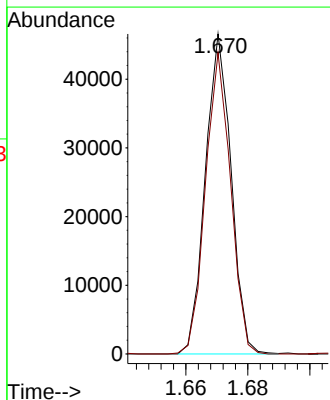
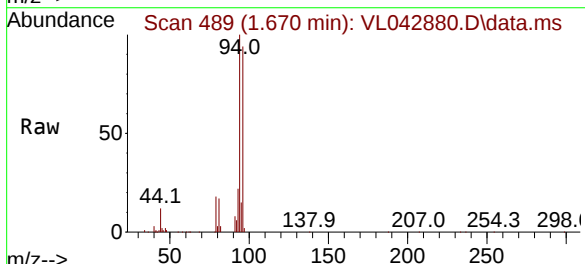
Manual Integrations
 APPROVED

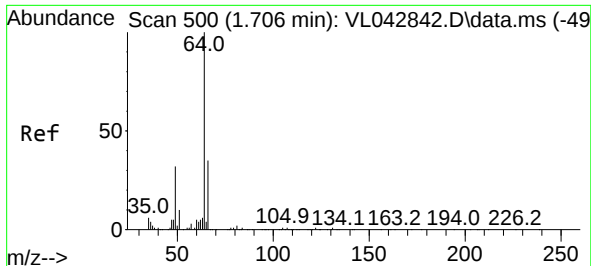
Reviewed By :Semsettin Yesilyurt 08/27/2025
 Supervised By :Mahesh Dadoda 08/27/2025



#6
 Bromomethane
 Concen: 9.386 ppbv
 RT: 1.670 min Scan# 489
 Delta R.T. -0.000 min
 Lab File: VL042880.D
 Acq: 26 Aug 2025 08:29

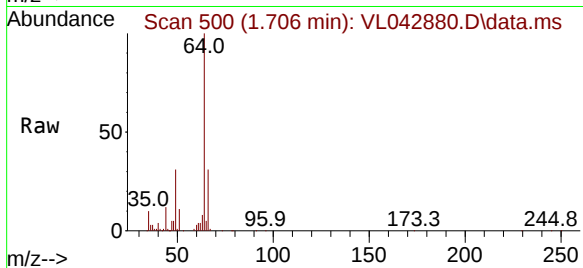
Tgt Ion: 94 Resp: 26845
 Ion Ratio Lower Upper
 94 100
 96 94.0 72.1 108.1





#7
Chloroethane
Concen: 8.878 ppbv
RT: 1.706 min Scan# 500
Delta R.T. -0.000 min
Lab File: VL042880.D
Acq: 26 Aug 2025 08:29

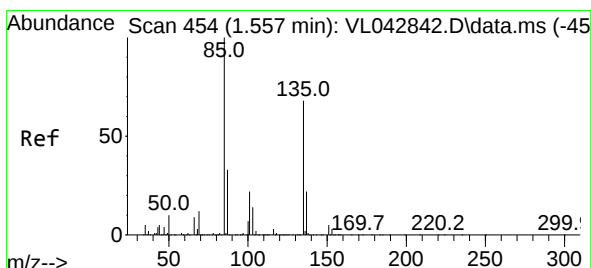
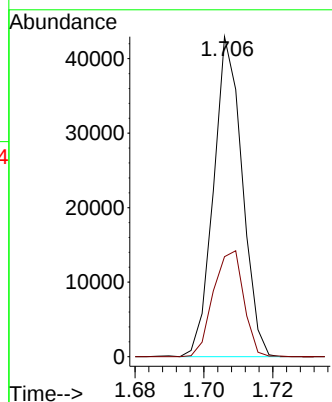
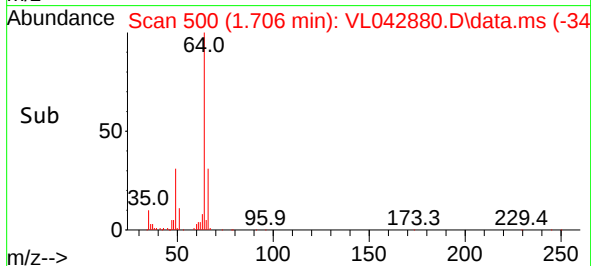
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



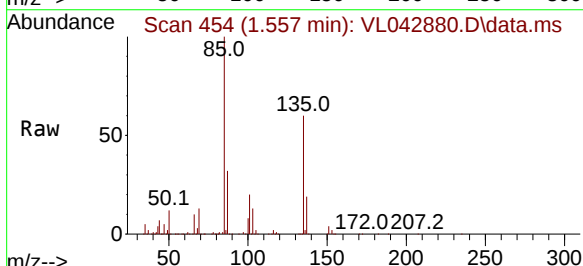
Tgt Ion: 64 Resp: 2480
Ion Ratio Lower Upper
64 100
66 31.2 28.6 42.8

Manual Integrations
APPROVED

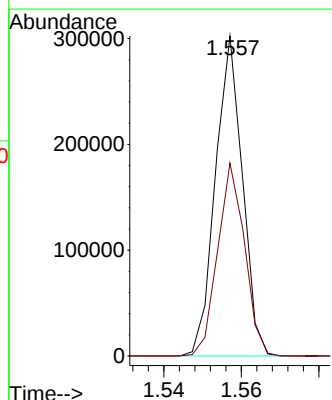
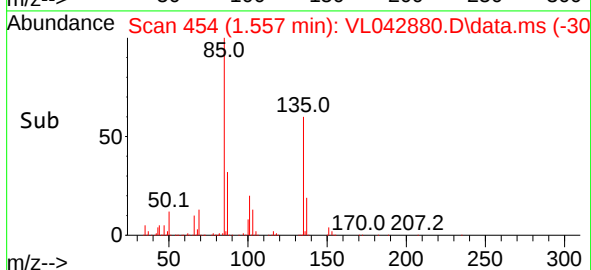
Reviewed By :Semsettin Yesilyurt 08/27/2025
Supervised By :Mahesh Dadoda 08/27/2025

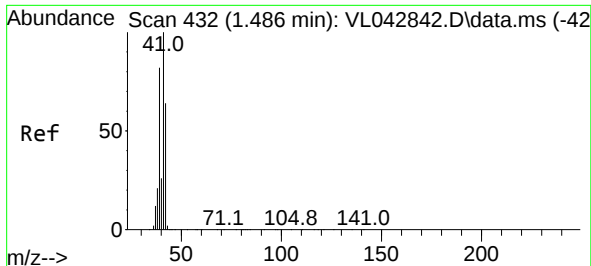


#8
Dichlorotetrafluoroethane
Concen: 9.919 ppbv
RT: 1.557 min Scan# 454
Delta R.T. -0.000 min
Lab File: VL042880.D
Acq: 26 Aug 2025 08:29



Tgt Ion: 85 Resp: 146099
Ion Ratio Lower Upper
85 100
135 60.3 51.2 76.8





#9

Propene

Concen: 8.766 ppbv

RT: 1.486 min Scan# 41

Delta R.T. -0.000 min

Lab File: VL042880.D

Acq: 26 Aug 2025 08:29

Tgt Ion: 41 Resp: 7531

Ion Ratio Lower Upper

41 100

42 68.4 53.0 79.4

Instrument :

MSVOA_L

ClientSampleId :

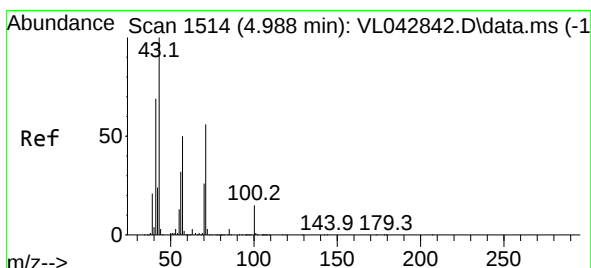
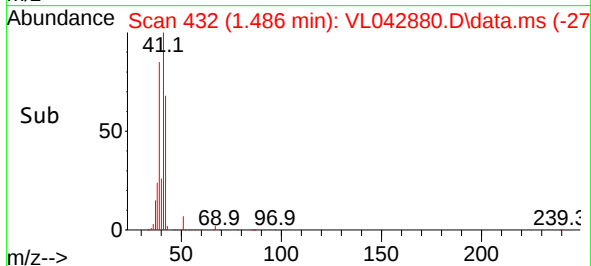
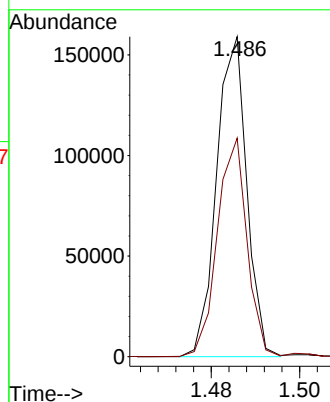
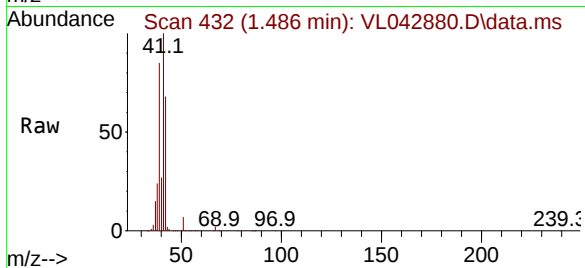
VSTDCCC010

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/27/2025

Supervised By :Mahesh Dadoda 08/27/2025



#10

Heptane

Concen: 9.190 ppbv

RT: 4.991 min Scan# 1515

Delta R.T. 0.003 min

Lab File: VL042880.D

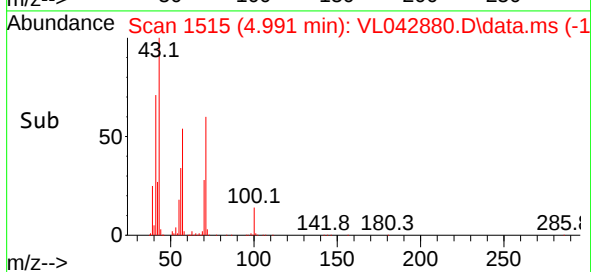
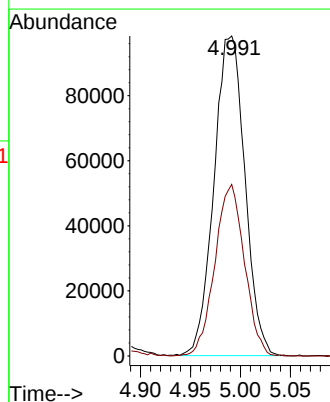
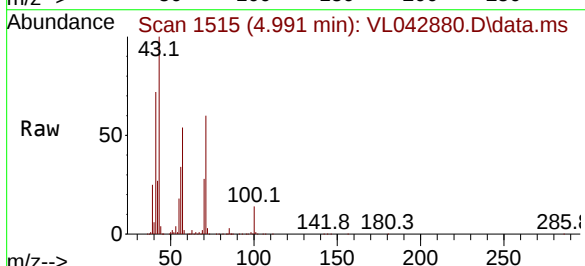
Acq: 26 Aug 2025 08:29

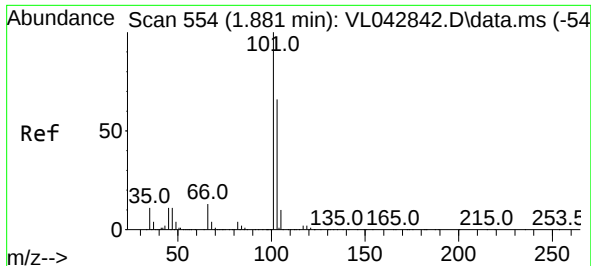
Tgt Ion: 43 Resp: 211489

Ion Ratio Lower Upper

43 100

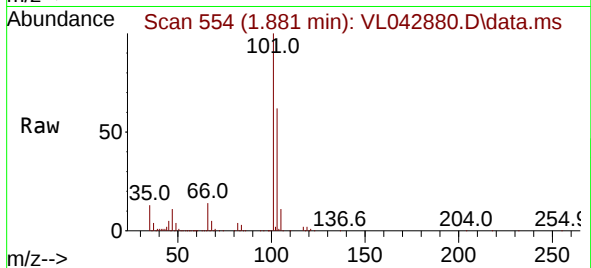
57 51.4 41.4 62.0





#11
 Trichlorofluoromethane
 Concen: 9.826 ppbv
 RT: 1.881 min Scan# 554
 Delta R.T. -0.000 min
 Lab File: VL042880.D
 Acq: 26 Aug 2025 08:29

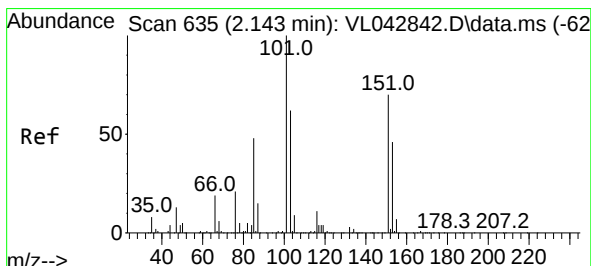
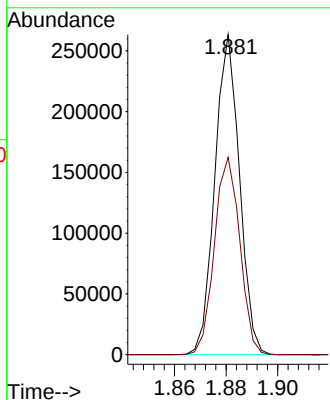
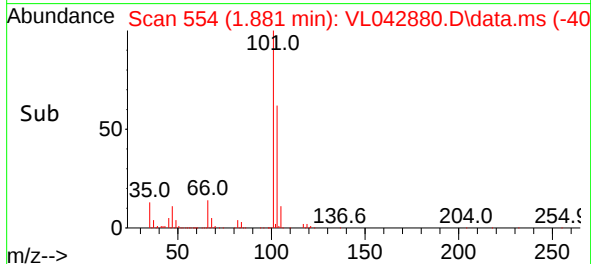
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



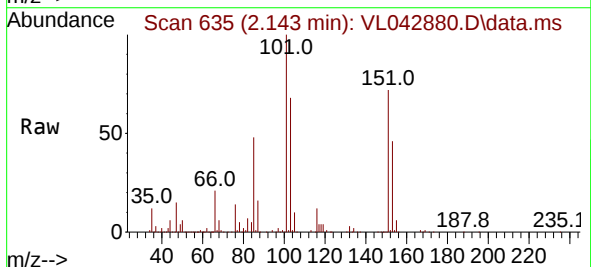
Tgt Ion:101 Resp: 174494
 Ion Ratio Lower Upper
 101 100
 103 61.7 52.5 78.7

Manual Integrations
 APPROVED

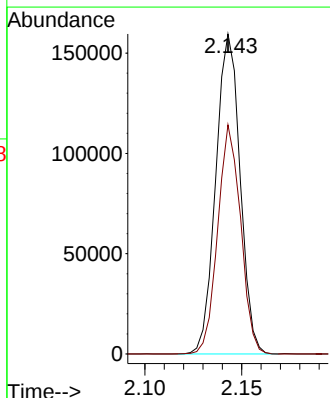
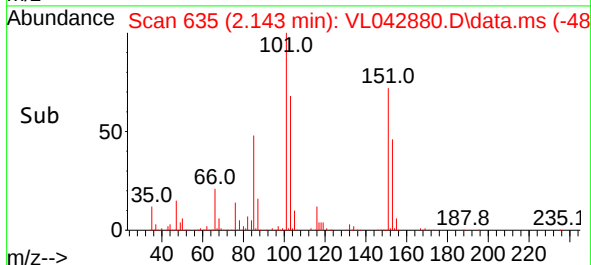
Reviewed By :Semsettin Yesilyurt 08/27/2025
 Supervised By :Mahesh Dadoda 08/27/2025

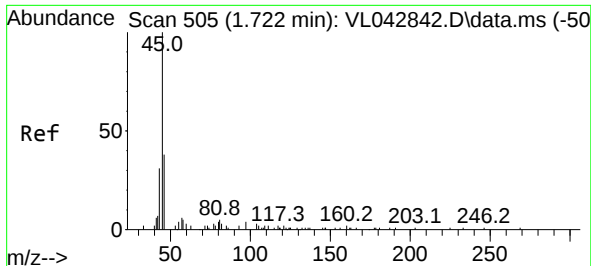


#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.828 ppbv
 RT: 2.143 min Scan# 635
 Delta R.T. -0.000 min
 Lab File: VL042880.D
 Acq: 26 Aug 2025 08:29



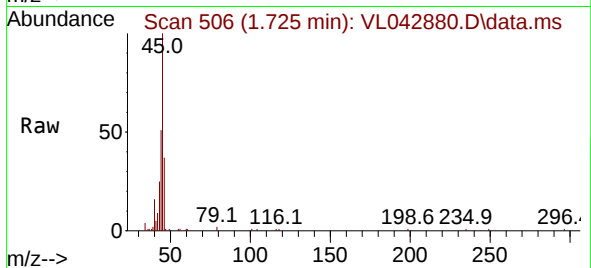
Tgt Ion:101 Resp: 139099
 Ion Ratio Lower Upper
 101 100
 151 67.4 56.4 84.6





#13
Ethanol
Concen: 7.382 ppbv
RT: 1.725 min Scan# 505
Delta R.T. 0.003 min
Lab File: VL042880.D
Acq: 26 Aug 2025 08:29

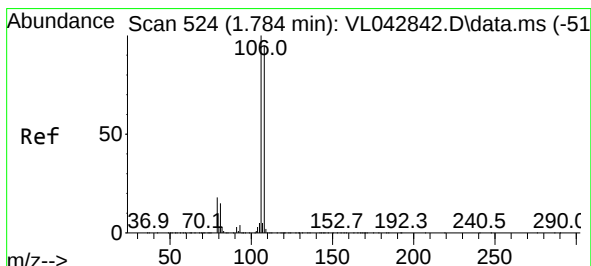
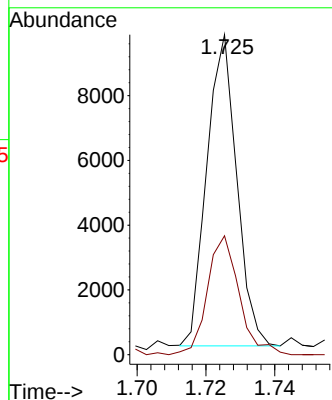
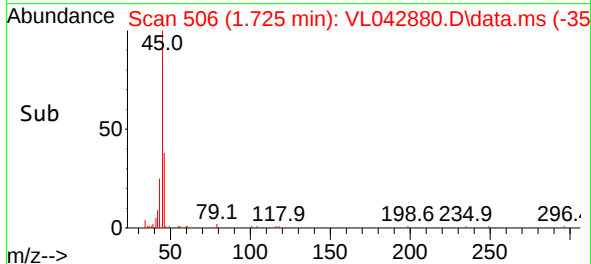
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



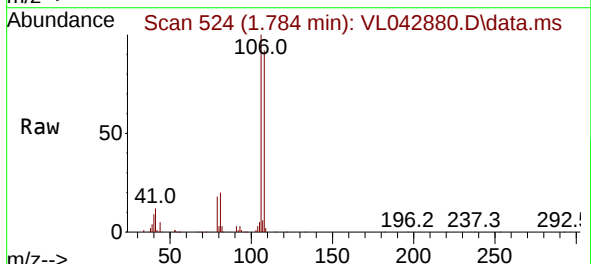
Tgt Ion: 45 Resp: 5799
Ion Ratio Lower Upper
45 100
46 43.5 17.5 69.9

Manual Integrations
APPROVED

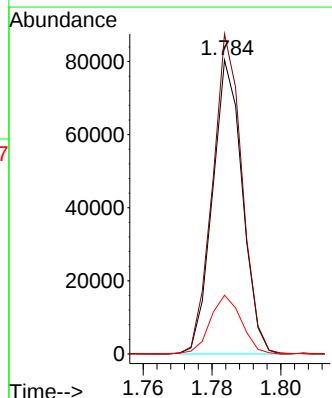
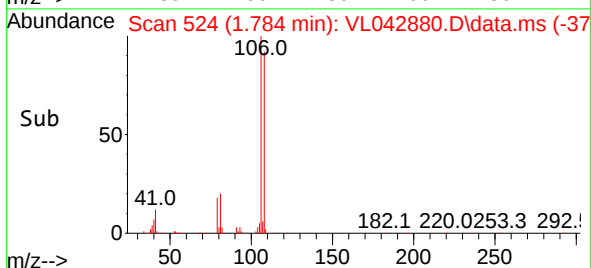
Reviewed By :Semsettin Yesilyurt 08/27/2025
Supervised By :Mahesh Dadoda 08/27/2025

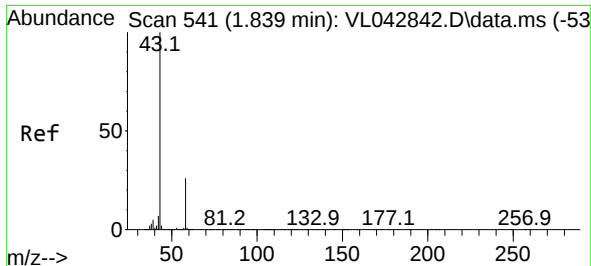


#14
Bromoethene
Concen: 9.459 ppbv
RT: 1.784 min Scan# 524
Delta R.T. -0.000 min
Lab File: VL042880.D
Acq: 26 Aug 2025 08:29



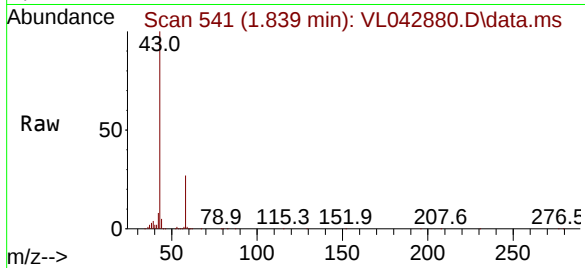
Tgt Ion:108 Resp: 48467
Ion Ratio Lower Upper
108 100
106 107.7 85.1 127.7
79 21.1 16.3 24.5





#15
Acetone
Concen: 8.268 ppbv
RT: 1.839 min Scan# 541
Delta R.T. -0.000 min
Lab File: VL042880.D
Acq: 26 Aug 2025 08:29

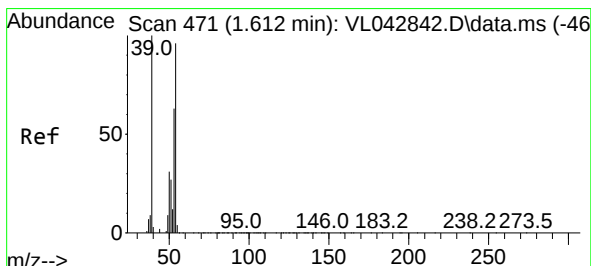
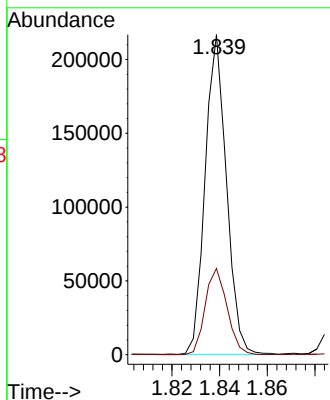
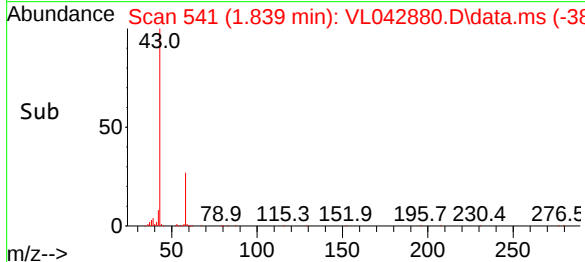
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



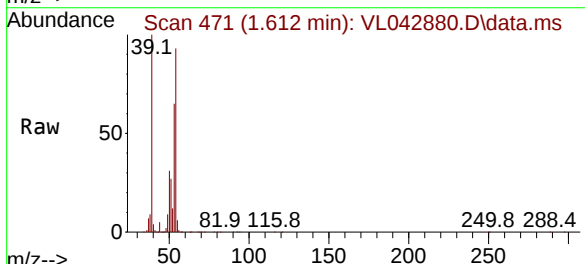
Tgt Ion: 43 Resp: 134319
Ion Ratio Lower Upper
43 100
58 27.9 22.4 33.6

Manual Integrations
APPROVED

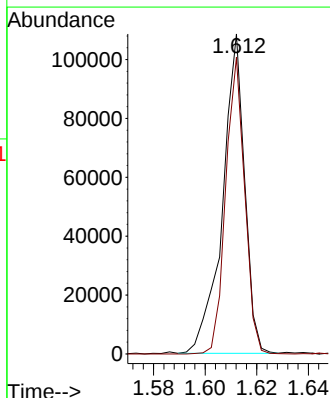
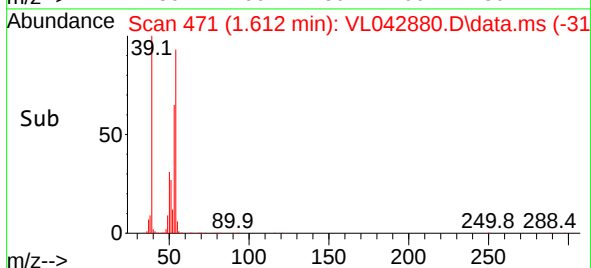
Reviewed By :Semsettin Yesilyurt 08/27/2025
Supervised By :Mahesh Dadoda 08/27/2025

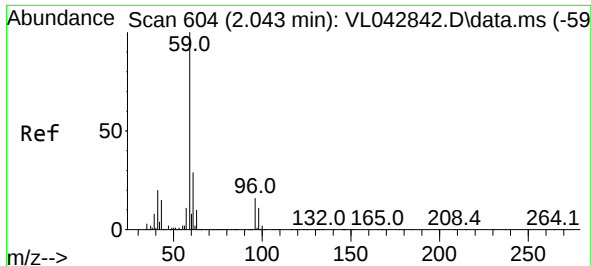


#16
1,3-Butadiene
Concen: 8.767 ppbv
RT: 1.612 min Scan# 471
Delta R.T. -0.000 min
Lab File: VL042880.D
Acq: 26 Aug 2025 08:29



Tgt Ion: 39 Resp: 64565
Ion Ratio Lower Upper
39 100
54 79.9 63.6 95.4





#17

tert-Butyl alcohol

Concen: 8.602 ppbv

RT: 2.046 min Scan# 604

Delta R.T. 0.003 min

Lab File: VL042880.D

Acq: 26 Aug 2025 08:29

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 59 Resp: 165719

Ion Ratio Lower Upper

59 100

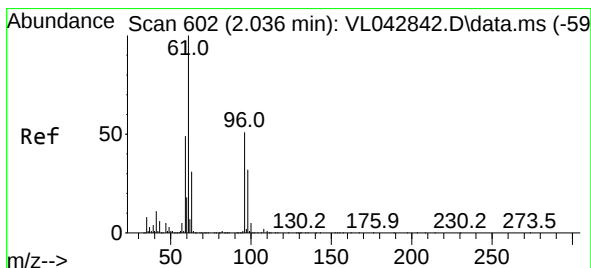
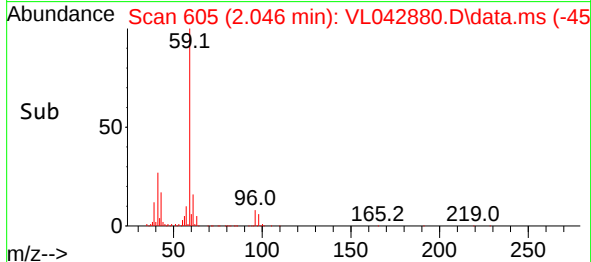
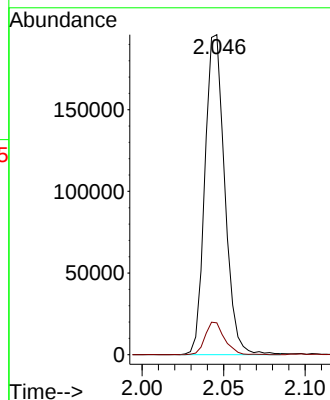
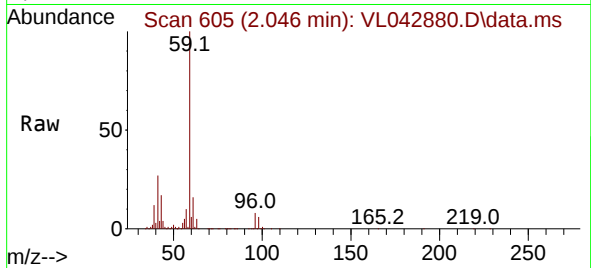
57 9.9 9.0 13.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/27/2025

Supervised By :Mahesh Dadoda 08/27/2025



#18

1,1-Dichloroethene

Concen: 9.838 ppbv

RT: 2.036 min Scan# 602

Delta R.T. -0.000 min

Lab File: VL042880.D

Acq: 26 Aug 2025 08:29

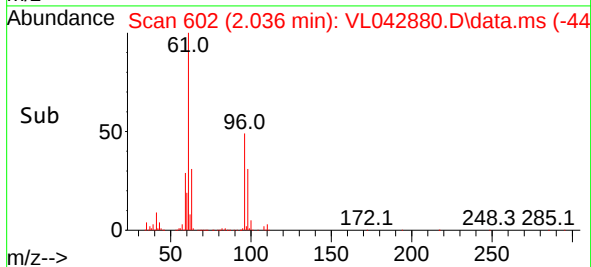
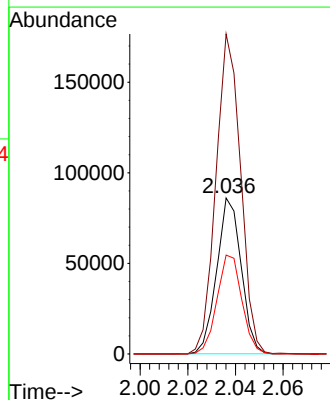
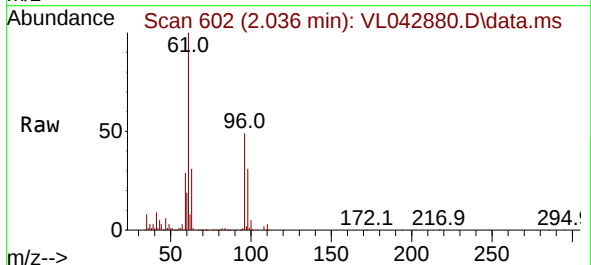
Tgt Ion: 96 Resp: 61218

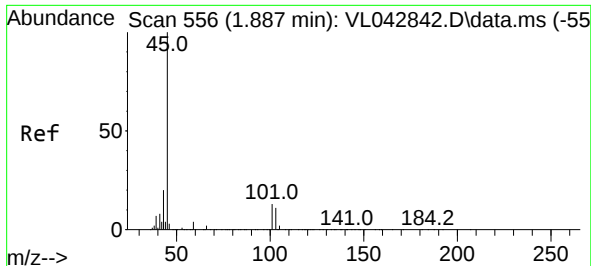
Ion Ratio Lower Upper

96 100

61 205.2 158.2 237.4

98 63.4 50.6 76.0





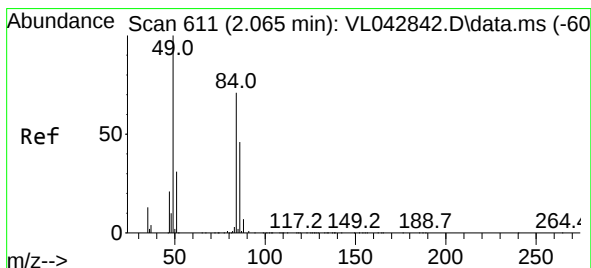
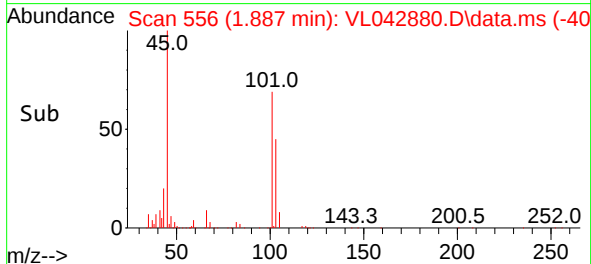
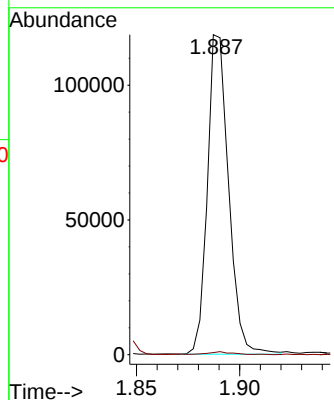
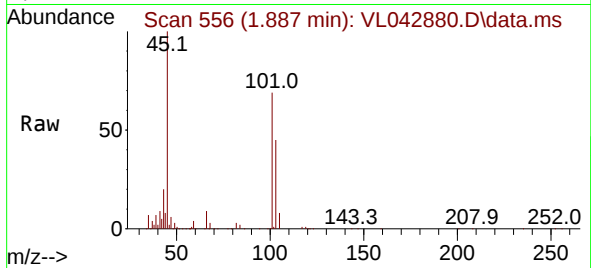
#19
Isopropyl Alcohol
Concen: 8.723 ppbv
RT: 1.887 min Scan# 556
Delta R.T. -0.000 min
Lab File: VL042880.D
Acq: 26 Aug 2025 08:29

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 45 Resp: 84638
Ion Ratio Lower Upper
45 100
58 44.2 32.7 49.1

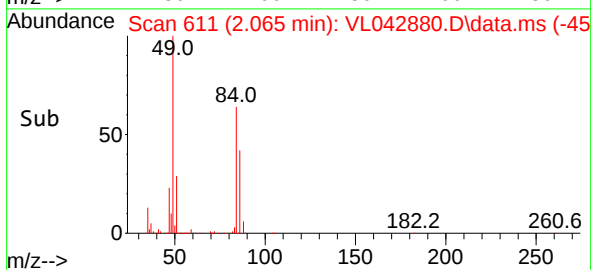
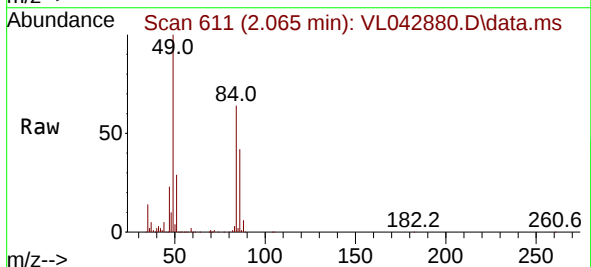
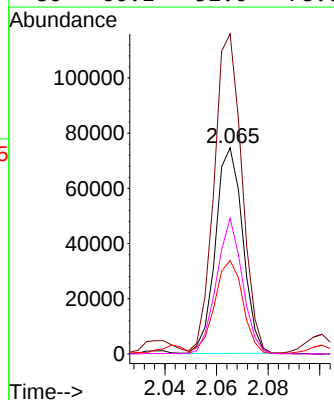
Manual Integrations
APPROVED

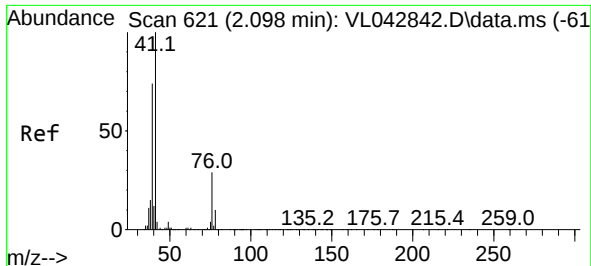
Reviewed By :Semsettin Yesilyurt 08/27/2025
Supervised By :Mahesh Dadoda 08/27/2025



#20
Methylene Chloride
Concen: 8.048 ppbv
RT: 2.065 min Scan# 611
Delta R.T. -0.000 min
Lab File: VL042880.D
Acq: 26 Aug 2025 08:29

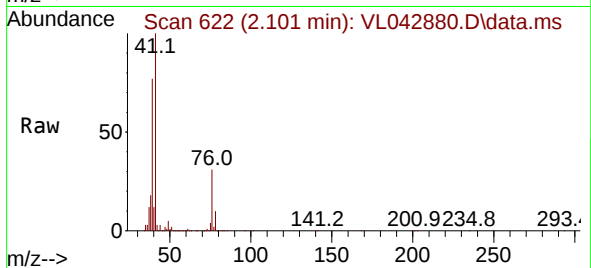
Tgt Ion: 84 Resp: 54772
Ion Ratio Lower Upper
84 100
49 155.4 112.3 168.5
51 45.0 36.0 54.0
86 66.1 52.0 78.0





#21
 Allyl Chloride
 Concen: 9.341 ppbv
 RT: 2.101 min Scan# 61
 Delta R.T. 0.003 min
 Lab File: VL042880.D
 Acq: 26 Aug 2025 08:29

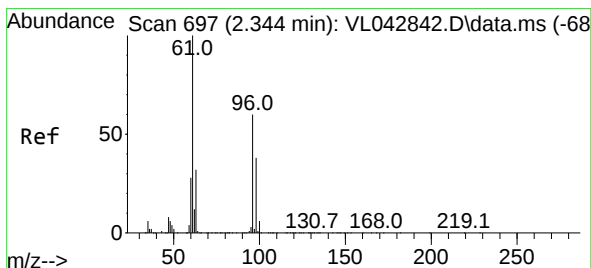
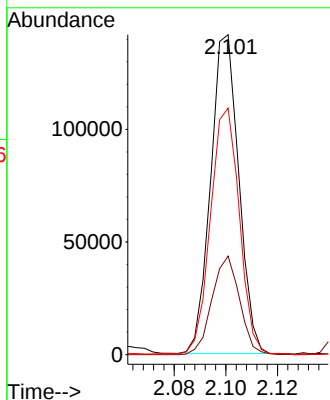
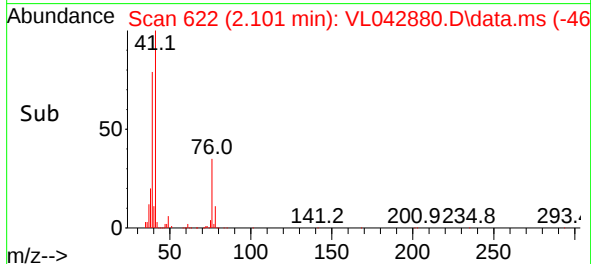
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion: 41 Resp: 107208
 Ion Ratio Lower Upper
 41 100
 76 30.3 23.9 35.9
 39 78.9 57.8 86.6

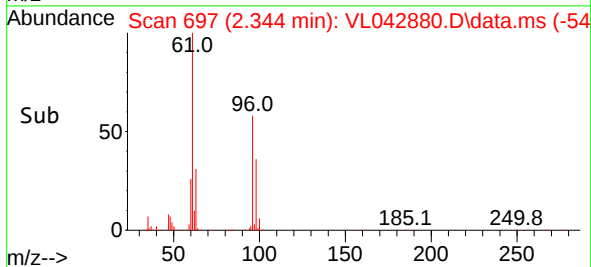
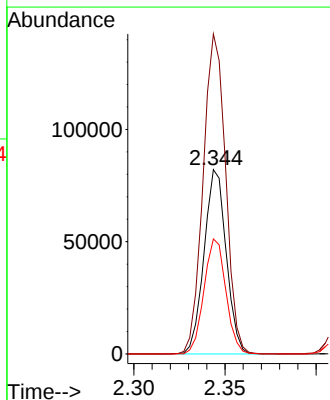
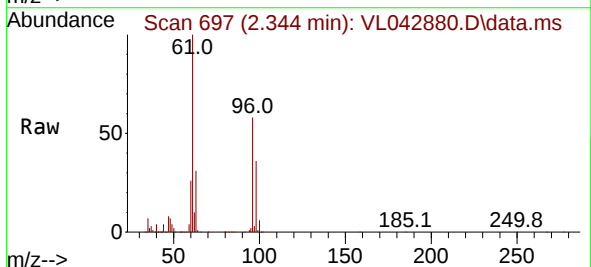
Manual Integrations
 APPROVED

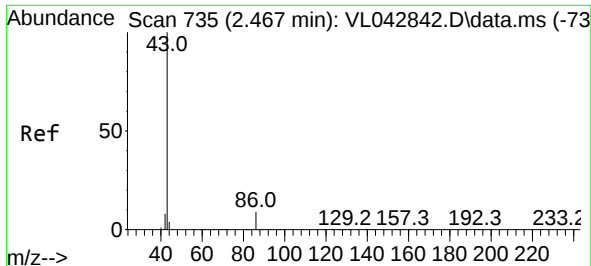
Reviewed By :Semsettin Yesilyurt 08/27/2025
 Supervised By :Mahesh Dadoda 08/27/2025



#22
 trans-1,2-Dichloroethene
 Concen: 9.670 ppbv
 RT: 2.344 min Scan# 697
 Delta R.T. -0.000 min
 Lab File: VL042880.D
 Acq: 26 Aug 2025 08:29

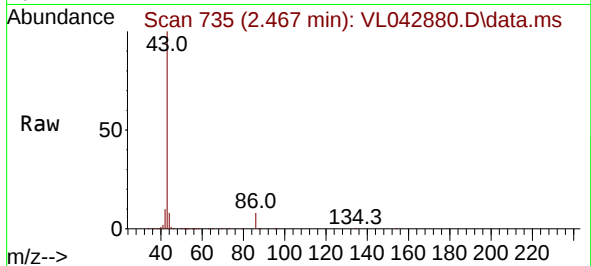
Tgt Ion: 96 Resp: 69614
 Ion Ratio Lower Upper
 96 100
 61 173.6 132.6 199.0
 98 62.4 50.0 75.0





#23
 Vinyl Acetate
 Concen: 9.774 ppbv
 RT: 2.467 min Scan# 718
 Delta R.T. -0.000 min
 Lab File: VL042880.D
 Acq: 26 Aug 2025 08:29

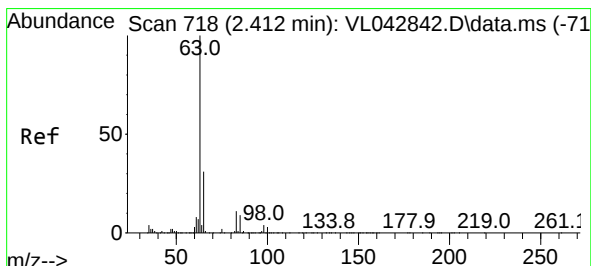
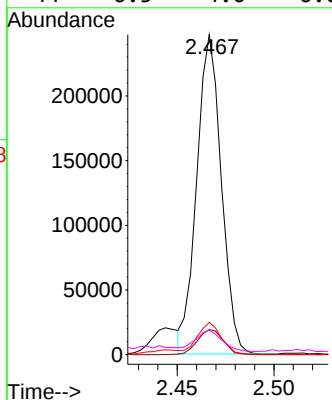
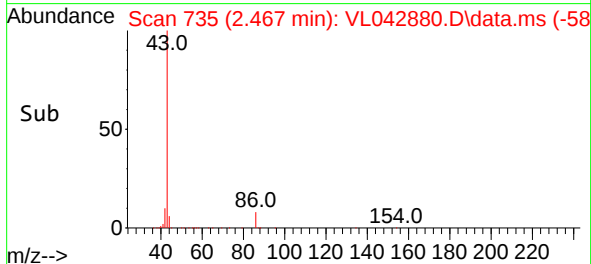
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



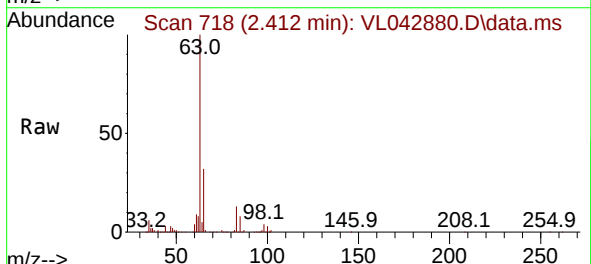
Tgt Ion:	43	Resp:	21832
Ion	Ratio	Lower	Upper
43	100		
86	7.9	6.6	9.8
42	10.0	7.0	10.6
44	6.5	4.0	6.0

Manual Integrations
 APPROVED

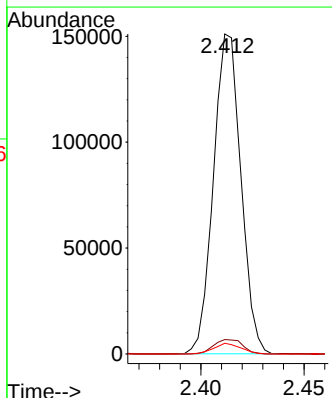
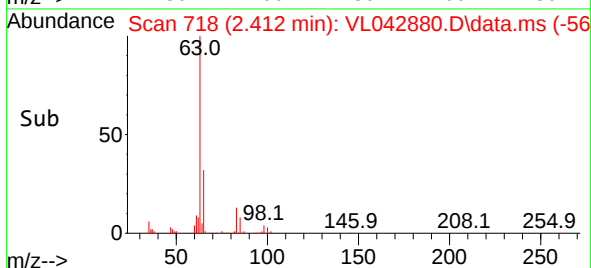
Reviewed By :Semsettin Yesilyurt 08/27/2025
 Supervised By :Mahesh Dadoda 08/27/2025

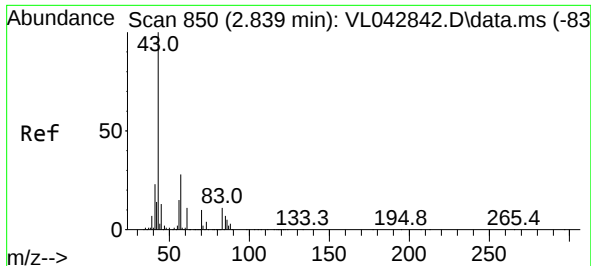


#24
 1,1-Dichloroethane
 Concen: 9.709 ppbv
 RT: 2.412 min Scan# 718
 Delta R.T. -0.000 min
 Lab File: VL042880.D
 Acq: 26 Aug 2025 08:29



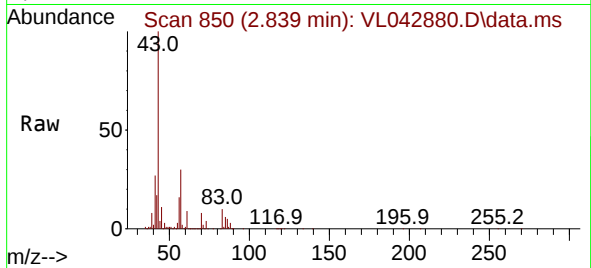
Tgt Ion:	63	Resp:	139590
Ion	Ratio	Lower	Upper
63	100		
98	4.5	2.1	6.5
100	3.3	1.7	5.1





#25
Ethyl Acetate
Concen: 9.743 ppbv
RT: 2.839 min Scan# 811
Delta R.T. -0.000 min
Lab File: VL042880.D
Acq: 26 Aug 2025 08:29

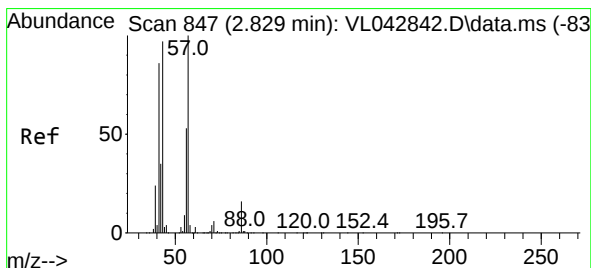
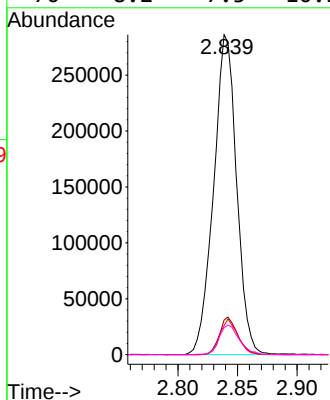
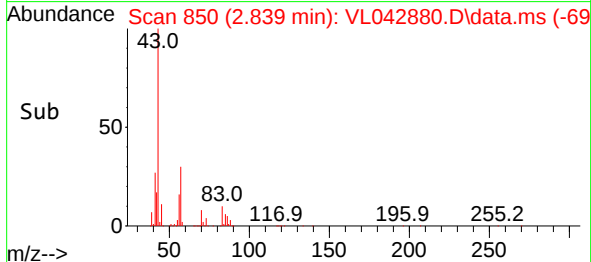
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:	43	Resp:	38308
Ion	Ratio	Lower	Upper
43	100		
45	9.3	8.1	12.1
61	8.6	7.4	11.2
70	8.2	7.3	10.9

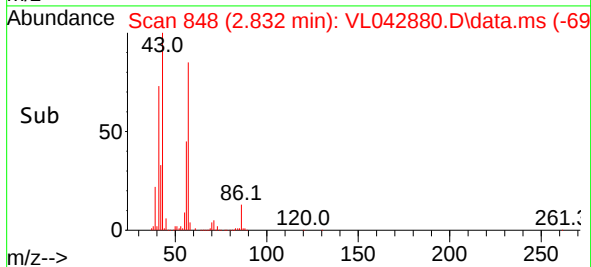
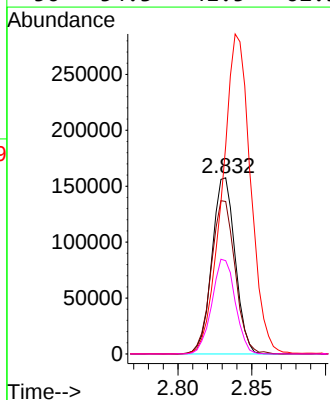
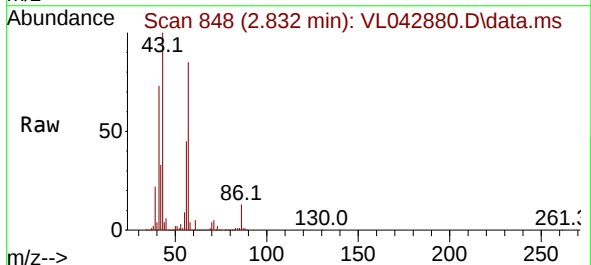
Manual Integrations
APPROVED

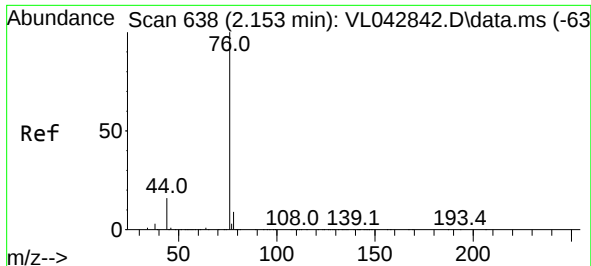
Reviewed By :Semsettin Yesilyurt 08/27/2025
Supervised By :Mahesh Dadoda 08/27/2025



#26
Hexane
Concen: 9.469 ppbv
RT: 2.832 min Scan# 848
Delta R.T. 0.003 min
Lab File: VL042880.D
Acq: 26 Aug 2025 08:29

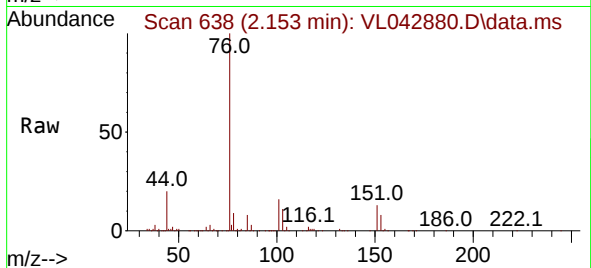
Tgt Ion:	57	Resp:	171859
Ion	Ratio	Lower	Upper
57	100		
41	90.8	68.6	103.0
43	223.2	168.5	252.7
56	54.3	41.5	62.3





#27
Carbon Disulfide
Concen: 10.015 ppbv
RT: 2.153 min Scan# 638
Delta R.T. -0.000 min
Lab File: VL042880.D
Acq: 26 Aug 2025 08:29

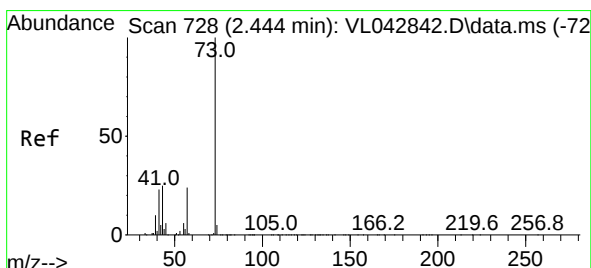
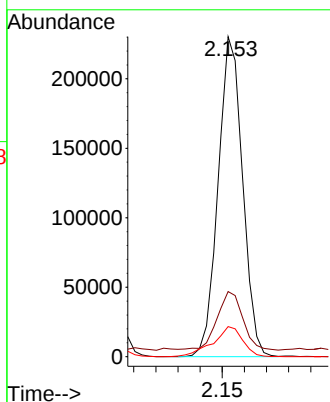
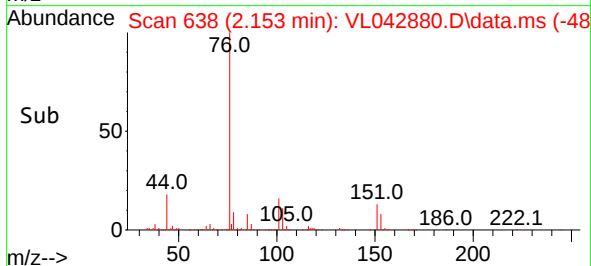
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 76 Resp: 176875
Ion Ratio Lower Upper
76 100
44 20.0 15.9 23.9
78 11.5 9.5 14.3

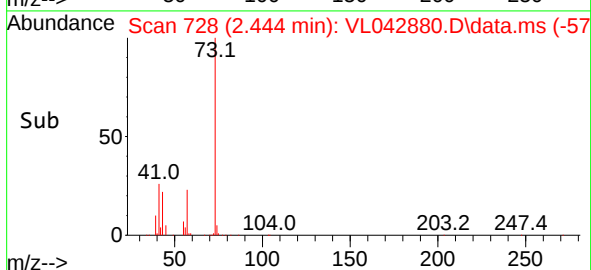
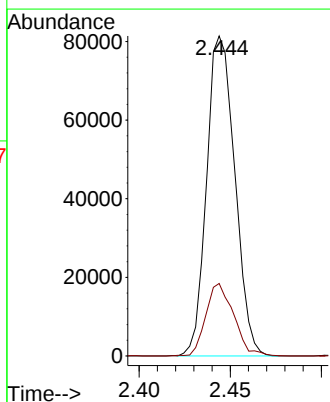
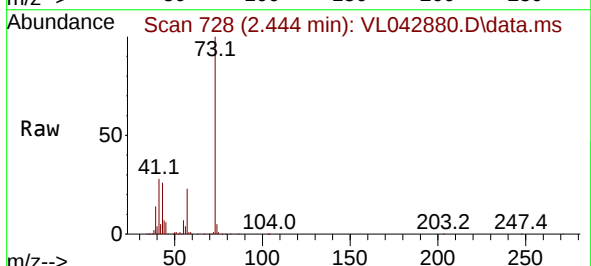
Manual Integrations
APPROVED

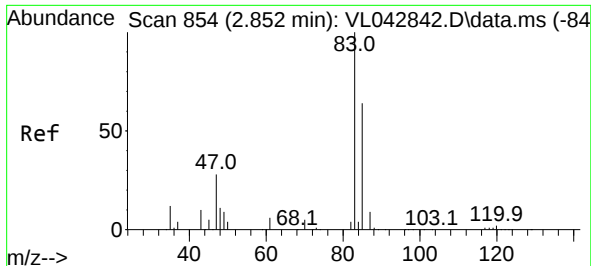
Reviewed By :Semsettin Yesilyurt 08/27/2025
Supervised By :Mahesh Dadoda 08/27/2025



#28
Methyl tert-Butyl Ether
Concen: 9.485 ppbv
RT: 2.444 min Scan# 728
Delta R.T. -0.000 min
Lab File: VL042880.D
Acq: 26 Aug 2025 08:29

Tgt Ion: 73 Resp: 87775
Ion Ratio Lower Upper
73 100
57 22.4 21.6 32.4





#29

Chloroform

Concen: 10.420 ppbv

RT: 2.855 min Scan# 855

Delta R.T. 0.003 min

Lab File: VL042880.D

Acq: 26 Aug 2025 08:29

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 83 Resp: 270000

Ion Ratio Lower Upper

83 100

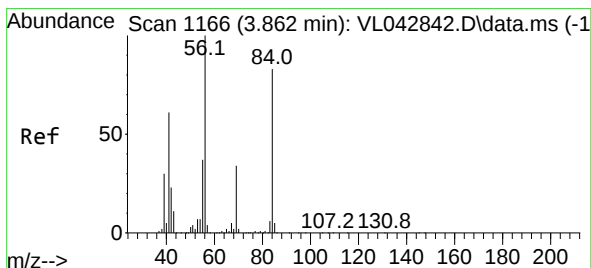
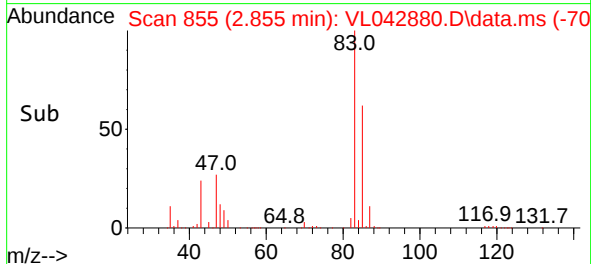
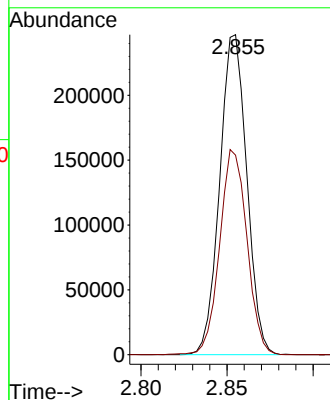
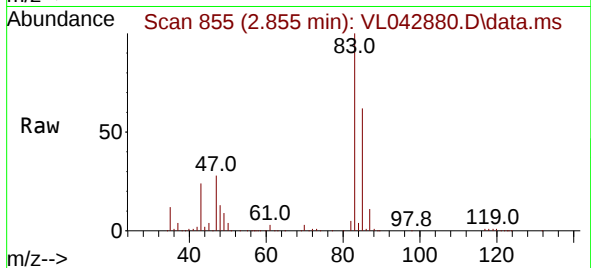
85 62.3 51.1 76.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/27/2025

Supervised By :Mahesh Dadoda 08/27/2025



#30

Cyclohexane

Concen: 9.160 ppbv

RT: 3.865 min Scan# 1167

Delta R.T. 0.003 min

Lab File: VL042880.D

Acq: 26 Aug 2025 08:29

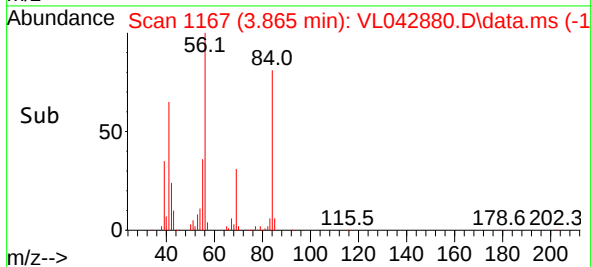
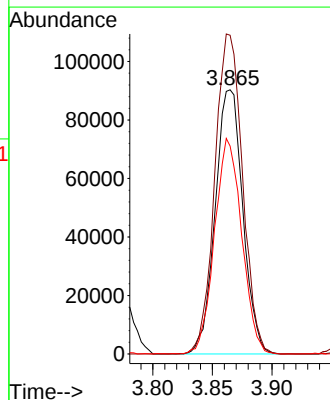
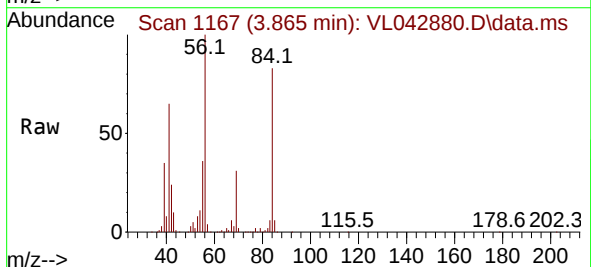
Tgt Ion: 84 Resp: 145756

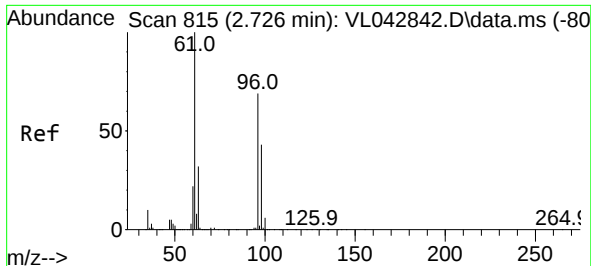
Ion Ratio Lower Upper

84 100

56 121.4 98.8 148.2

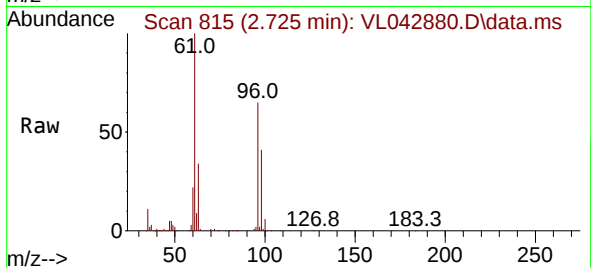
41 80.2 61.3 91.9





#31
 cis-1,2-Dichloroethene
 Concen: 9.476 ppbv
 RT: 2.725 min Scan# 815
 Delta R.T. -0.000 min
 Lab File: VL042880.D
 Acq: 26 Aug 2025 08:29

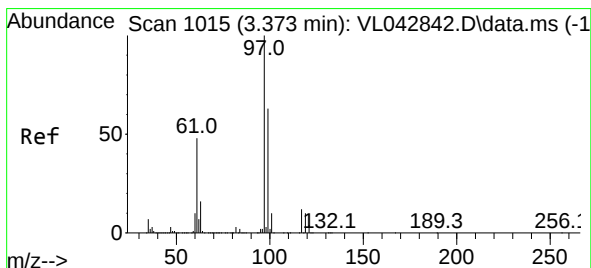
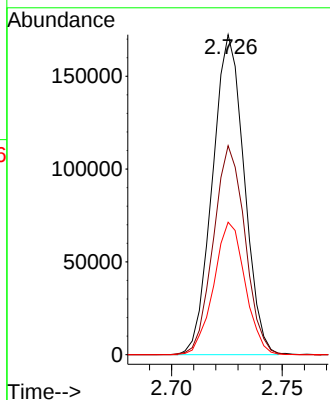
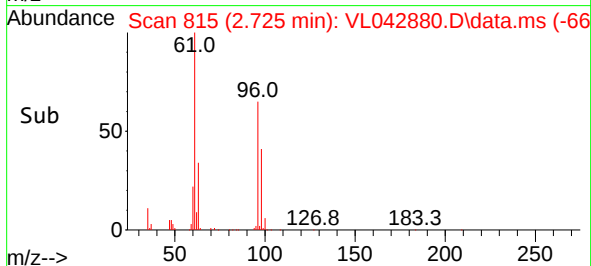
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



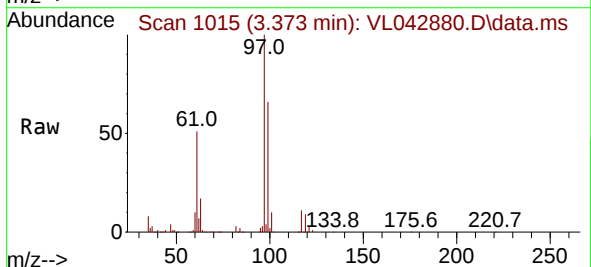
Tgt Ion: 61 Resp: 171782
 Ion Ratio Lower Upper
 61 100
 96 65.0 55.0 82.6
 98 41.3 34.3 51.5

Manual Integrations
 APPROVED

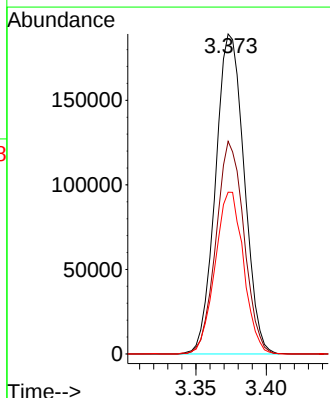
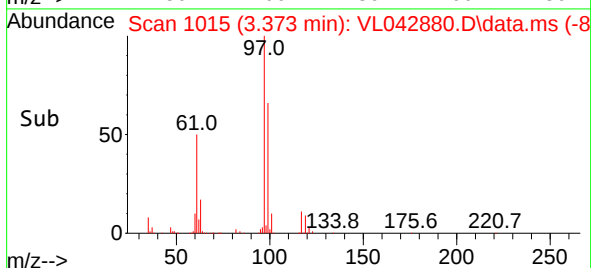
Reviewed By :Semsettin Yesilyurt 08/27/2025
 Supervised By :Mahesh Dadoda 08/27/2025

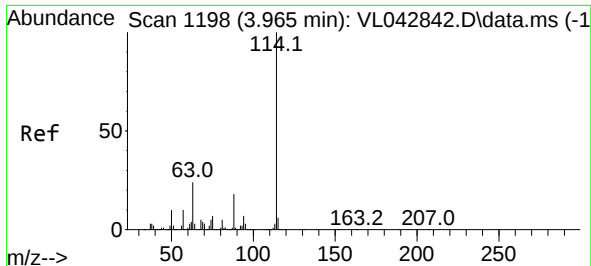


#32
 1,1,1-Trichloroethane
 Concen: 9.793 ppbv
 RT: 3.373 min Scan# 1015
 Delta R.T. -0.000 min
 Lab File: VL042880.D
 Acq: 26 Aug 2025 08:29



Tgt Ion: 97 Resp: 268172
 Ion Ratio Lower Upper
 97 100
 99 64.8 51.0 76.6
 61 50.4 38.0 57.0





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.965 min Scan# 1198

Delta R.T. -0.000 min

Lab File: VL042880.D

Acq: 26 Aug 2025 08:29

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

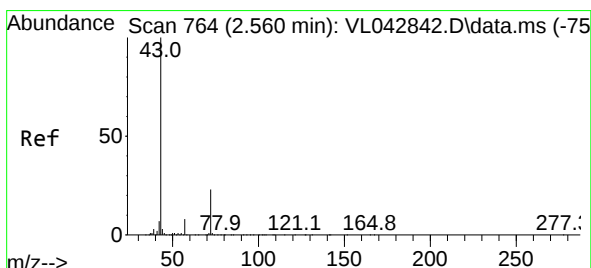
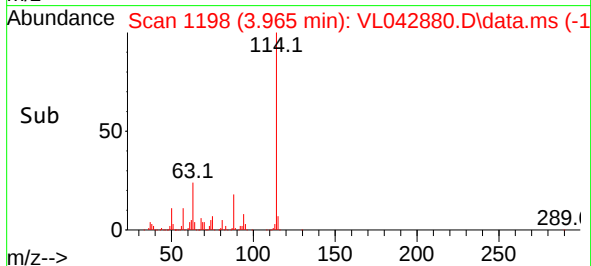
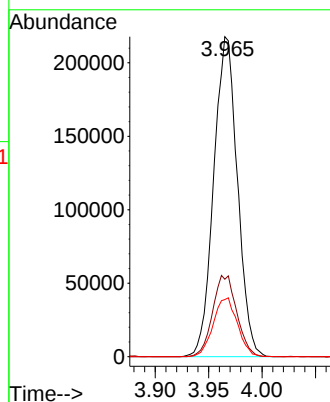
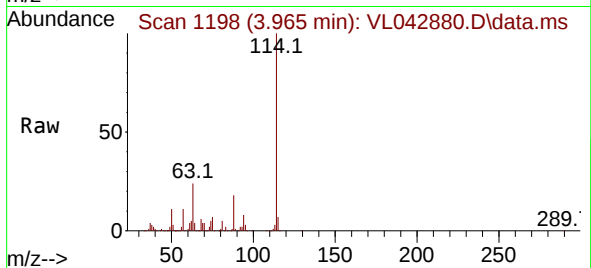
Tgt Ion:114 Resp: 336290

Ion	Ratio	Lower	Upper
114	100		
63	25.9	19.7	29.5
88	18.8	14.4	21.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/27/2025
Supervised By :Mahesh Dadoda 08/27/2025



#34

2-Butanone

Concen: 10.820 ppbv

RT: 2.560 min Scan# 764

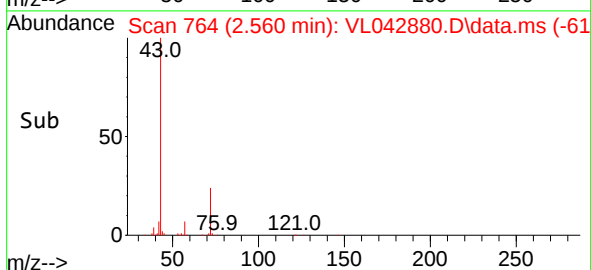
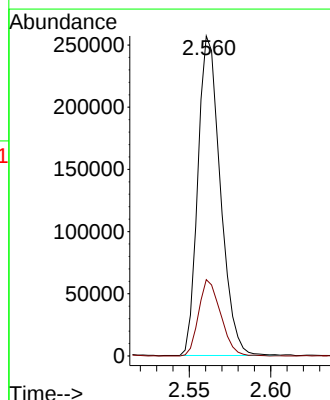
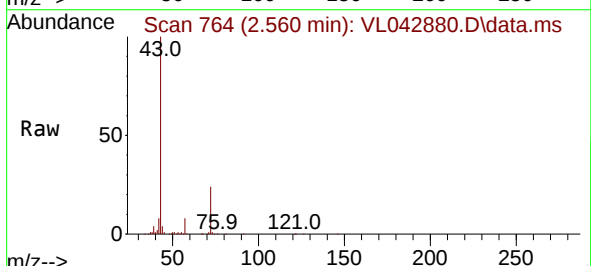
Delta R.T. -0.000 min

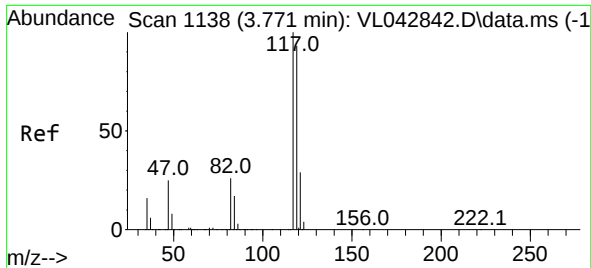
Lab File: VL042880.D

Acq: 26 Aug 2025 08:29

Tgt Ion: 43 Resp: 245700

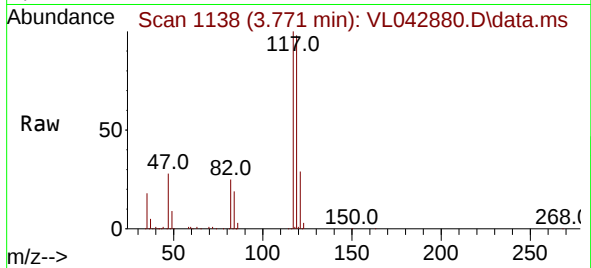
Ion	Ratio	Lower	Upper
43	100		
72	23.5	18.6	28.0





#35
Carbon Tetrachloride
Concen: 11.581 ppbv
RT: 3.771 min Scan# 1138
Delta R.T. -0.000 min
Lab File: VL042880.D
Acq: 26 Aug 2025 08:29

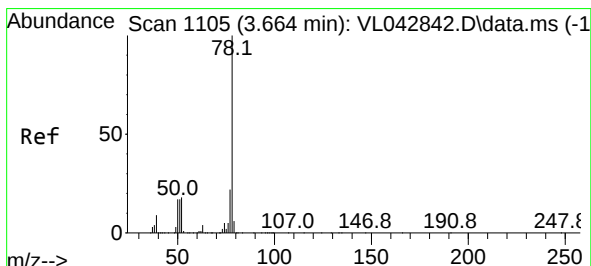
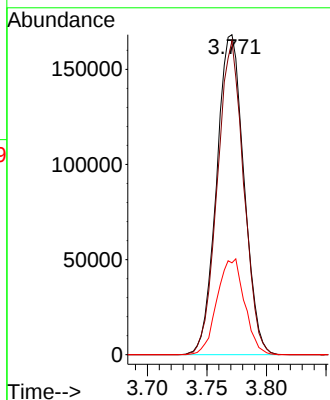
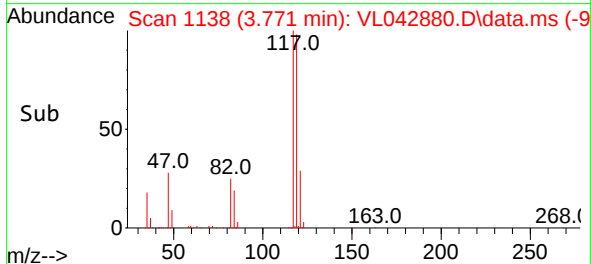
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:117 Resp: 268495
Ion Ratio Lower Upper
117 100
119 98.1 74.7 112.1
121 28.7 23.2 34.8

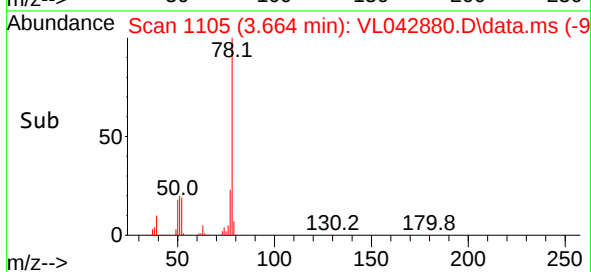
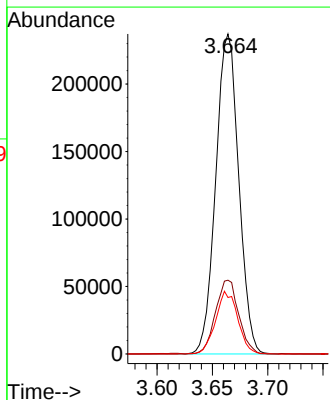
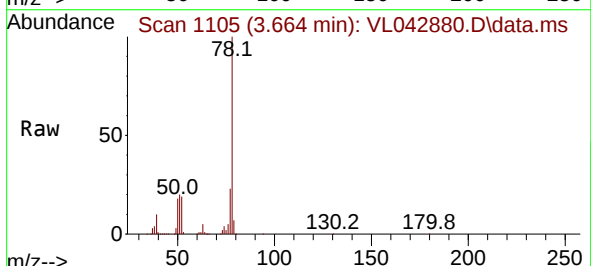
Manual Integrations
APPROVED

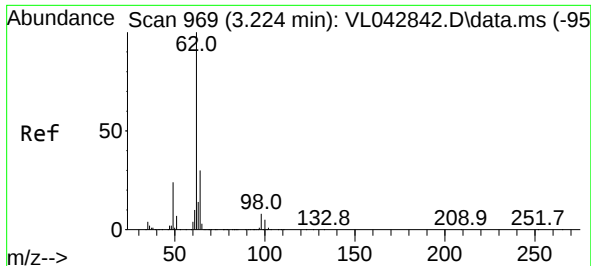
Reviewed By :Semsettin Yesilyurt 08/27/2025
Supervised By :Mahesh Dadoda 08/27/2025



#36
Benzene
Concen: 10.630 ppbv
RT: 3.664 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VL042880.D
Acq: 26 Aug 2025 08:29

Tgt Ion: 78 Resp: 342327
Ion Ratio Lower Upper
78 100
77 23.0 17.7 26.5
50 17.7 13.9 20.9





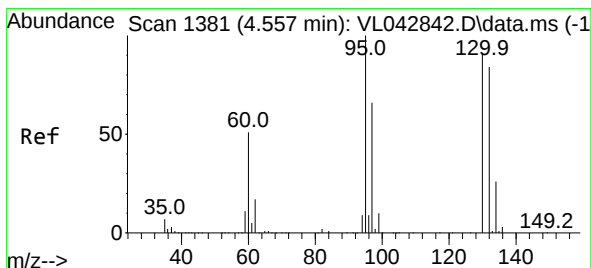
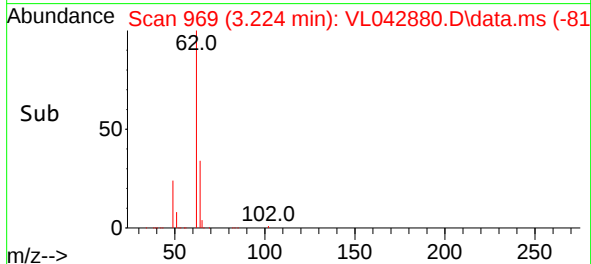
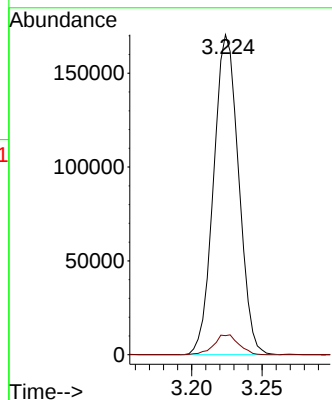
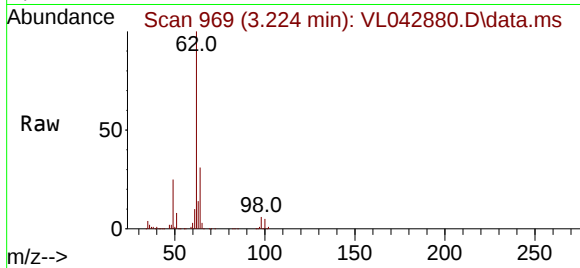
#37
1,2-Dichloroethane
Concen: 12.536 ppbv
RT: 3.224 min Scan# 969
Delta R.T. -0.000 min
Lab File: VL042880.D
Acq: 26 Aug 2025 08:29

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 62 Resp: 210915
Ion Ratio Lower Upper
62 100
98 6.2 5.9 8.9

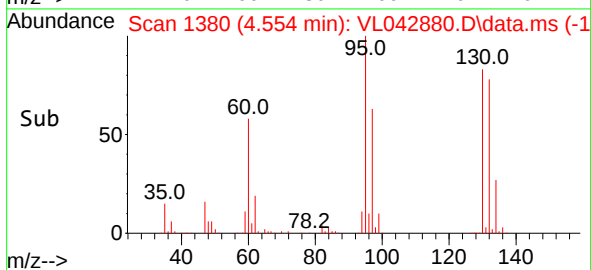
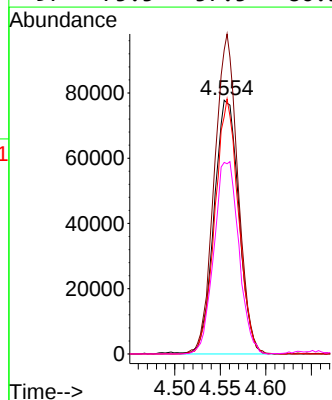
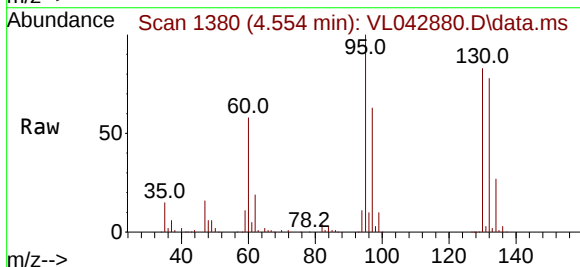
Manual Integrations
APPROVED

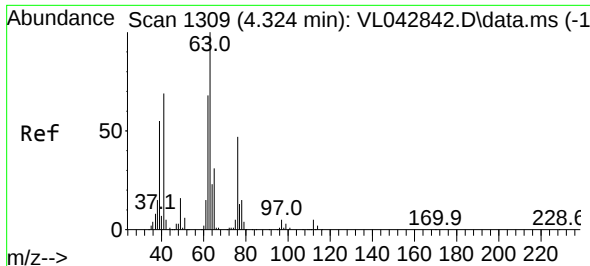
Reviewed By :Semsettin Yesilyurt 08/27/2025
Supervised By :Mahesh Dadoda 08/27/2025



#38
Trichloroethene
Concen: 10.000 ppbv
RT: 4.554 min Scan# 1380
Delta R.T. -0.003 min
Lab File: VL042880.D
Acq: 26 Aug 2025 08:29

Tgt Ion:130 Resp: 147070
Ion Ratio Lower Upper
130 100
95 119.9 87.6 131.4
132 93.5 73.8 110.8
97 75.5 57.5 86.3





#39

1,2-Dichloropropane

Concen: 10.929 ppbv

RT: 4.321 min Scan# 1309

Delta R.T. -0.003 min

Lab File: VL042880.D

Acq: 26 Aug 2025 08:29

Instrument :

MSVOA_L

ClientSampleId :

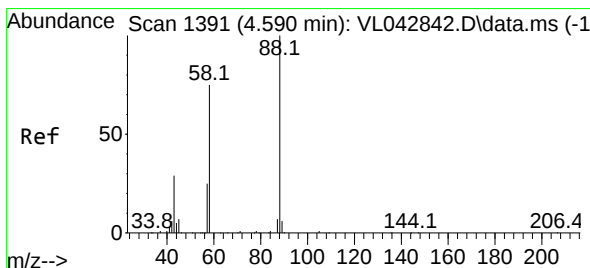
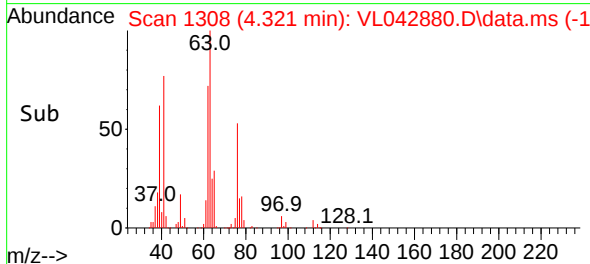
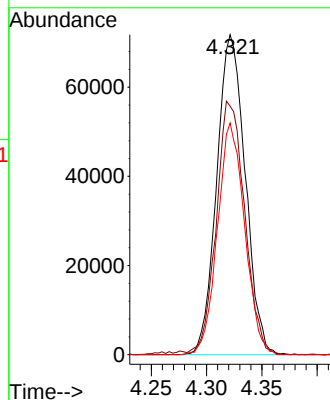
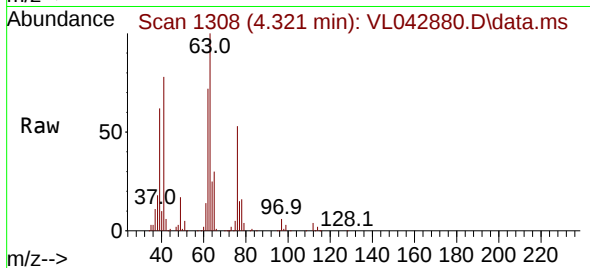
VSTDCCC010

Tgt Ion: 63	Resp: 12853
Ion Ratio	Lower Upper
63 100	
41 77.5	55.0 82.4
62 72.4	54.4 81.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/27/2025
Supervised By :Mahesh Dadoda 08/27/2025



#40

1,4-Dioxane

Concen: 9.401 ppbv

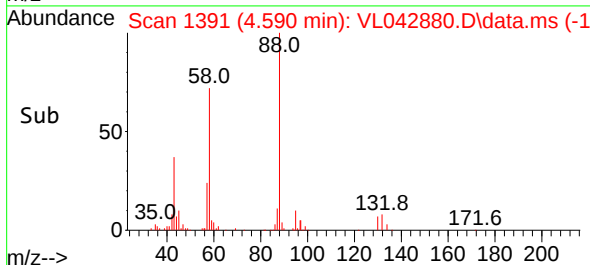
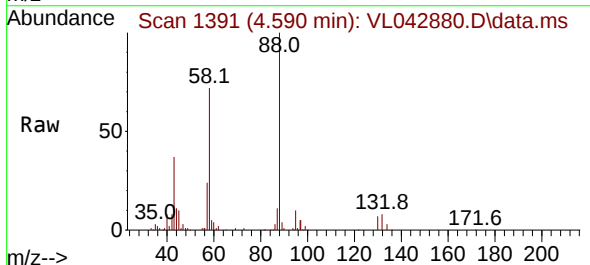
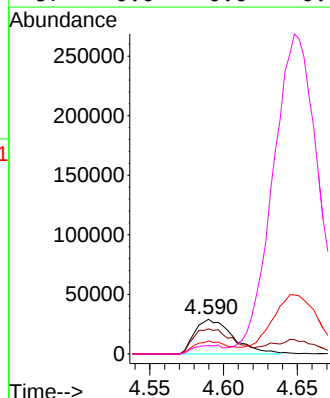
RT: 4.590 min Scan# 1391

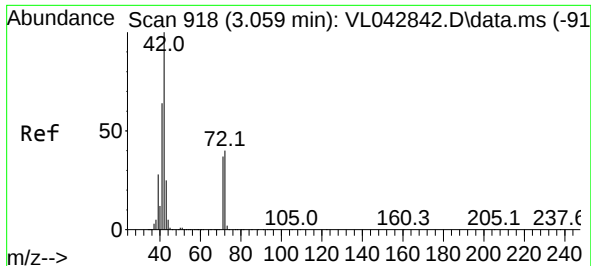
Delta R.T. -0.000 min

Lab File: VL042880.D

Acq: 26 Aug 2025 08:29

Tgt Ion: 88	Resp: 52575
Ion Ratio	Lower Upper
88 100	
58 78.4	53.8 80.6
43 31.5	22.8 34.2
57 0.0	0.0 0.0





#41

Tetrahydrofuran

Concen: 10.674 ppbv

RT: 3.059 min Scan# 918

Delta R.T. -0.000 min

Lab File: VL042880.D

Acq: 26 Aug 2025 08:29

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

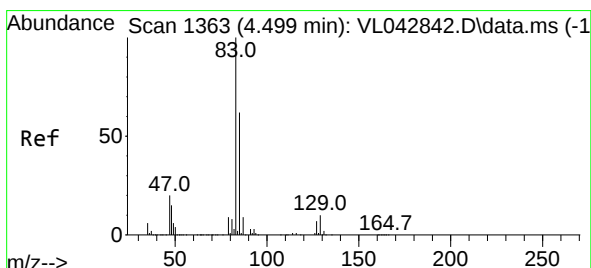
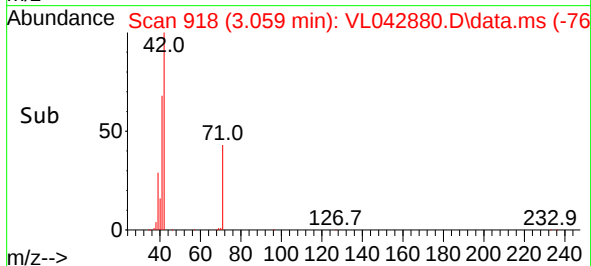
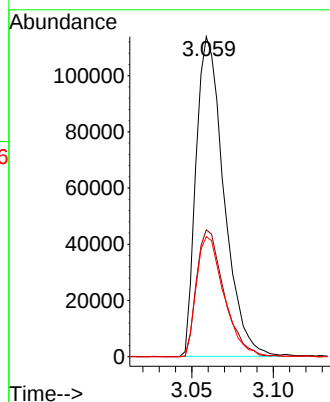
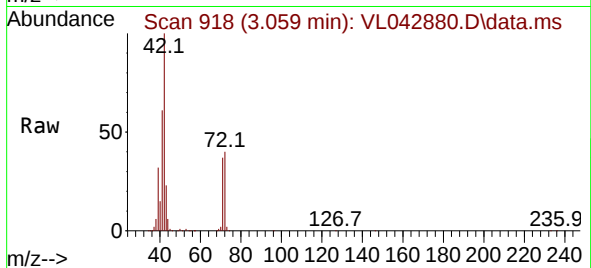
Tgt Ion: 42 Resp: 135134

Ion	Ratio	Lower	Upper
42	100		
72	39.2	32.6	48.8
71	37.6	30.0	45.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/27/2025
Supervised By :Mahesh Dadoda 08/27/2025



#42

Bromodichloromethane

Concen: 11.977 ppbv

RT: 4.499 min Scan# 1363

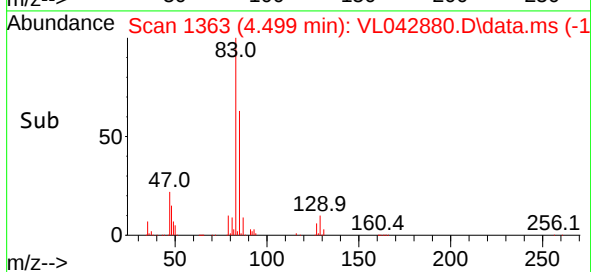
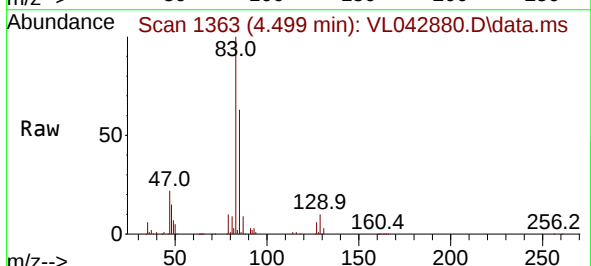
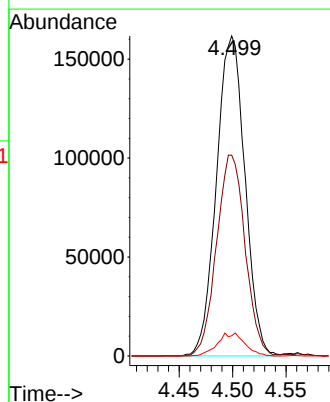
Delta R.T. -0.000 min

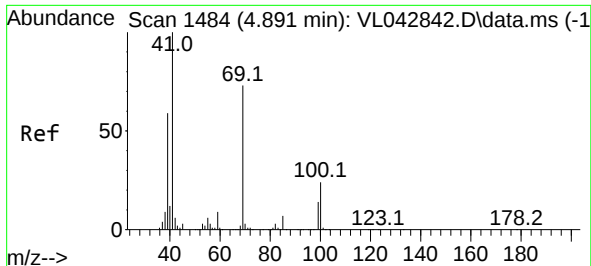
Lab File: VL042880.D

Acq: 26 Aug 2025 08:29

Tgt Ion: 83 Resp: 300275

Ion	Ratio	Lower	Upper
83	100		
85	62.8	49.8	74.8
127	6.3	5.8	8.6





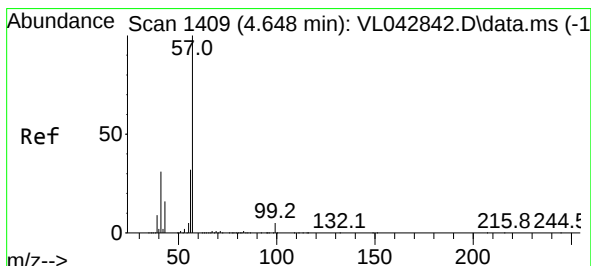
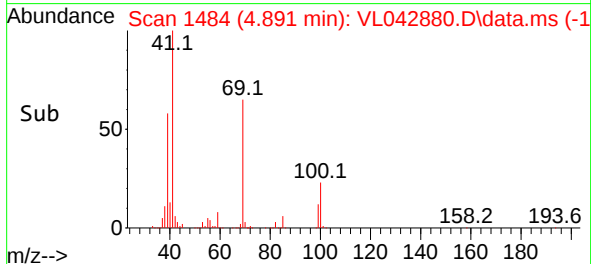
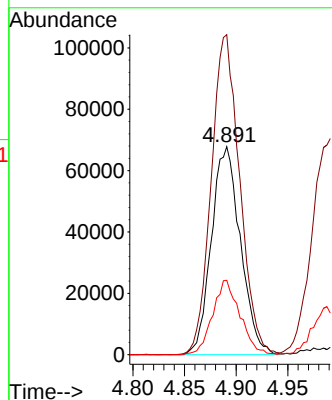
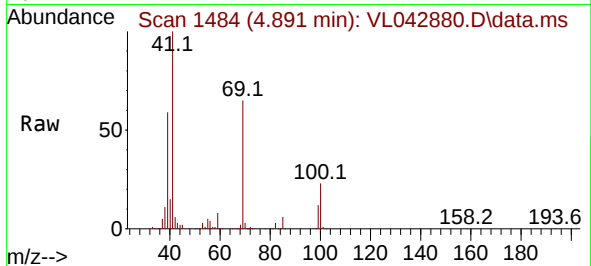
#43
Methyl Methacrylate
Concen: 9.986 ppbv
RT: 4.891 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VL042880.D
Acq: 26 Aug 2025 08:29

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 69 Resp: 132478
Ion Ratio Lower Upper
69 100
41 151.2 114.6 172.0
100 33.7 30.2 45.4

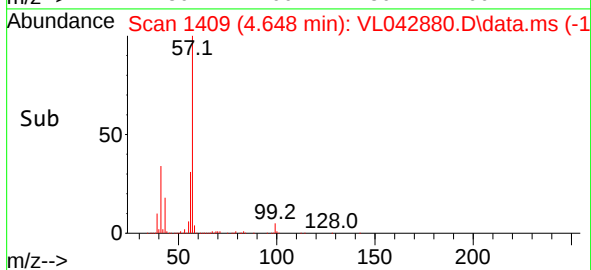
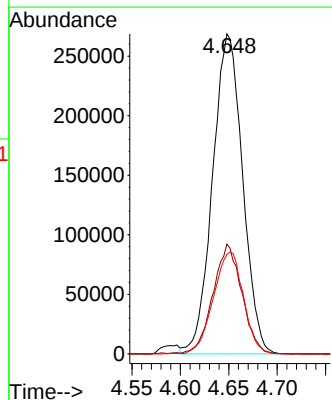
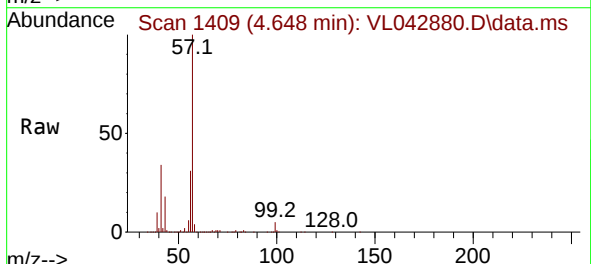
Manual Integrations
APPROVED

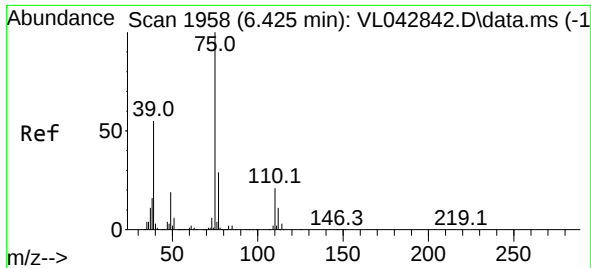
Reviewed By :Semsettin Yesilyurt 08/27/2025
Supervised By :Mahesh Dadoda 08/27/2025



#44
2,2,4-Trimethylpentane
Concen: 10.587 ppbv
RT: 4.648 min Scan# 1409
Delta R.T. -0.000 min
Lab File: VL042880.D
Acq: 26 Aug 2025 08:29

Tgt Ion: 57 Resp: 578677
Ion Ratio Lower Upper
57 100
41 33.3 24.8 37.2
56 32.0 25.5 38.3





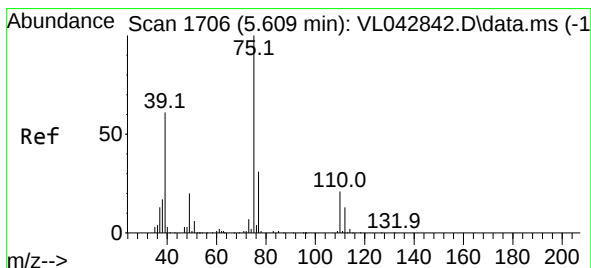
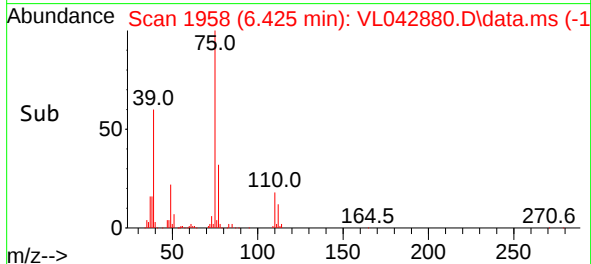
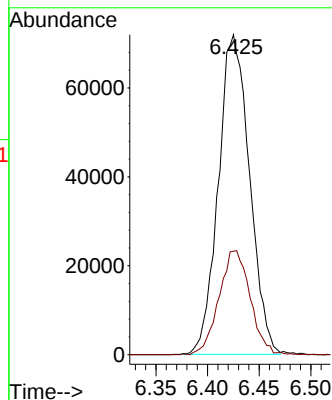
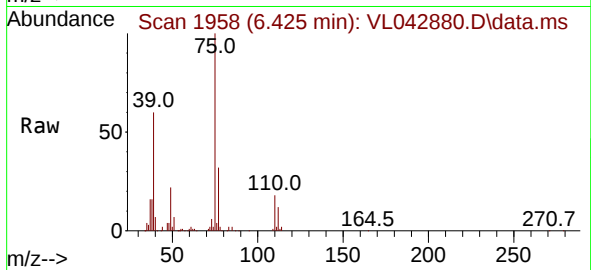
#45
t-1,3-Dichloropropene
Concen: 10.096 ppbv
RT: 6.425 min Scan# 1958
Delta R.T. -0.000 min
Lab File: VL042880.D
Acq: 26 Aug 2025 08:29

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 75 Resp: 151140
Ion Ratio Lower Upper
75 100
77 32.4 23.8 35.6

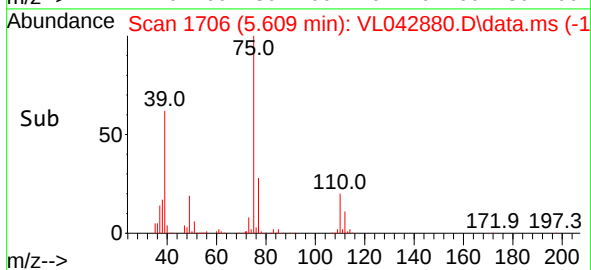
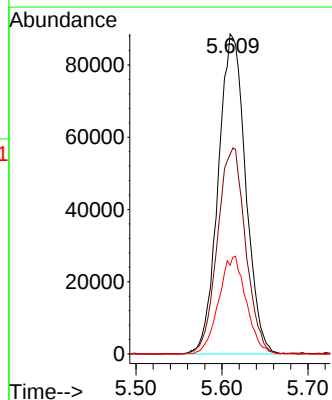
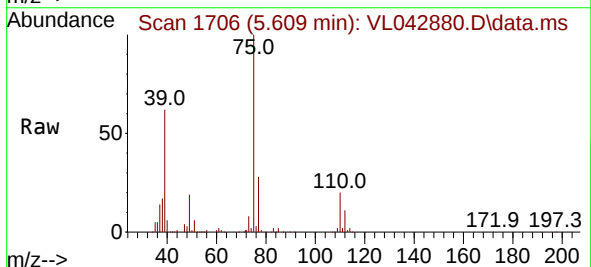
Manual Integrations
APPROVED

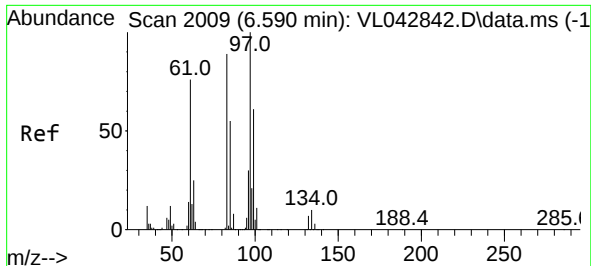
Reviewed By :Semsettin Yesilyurt 08/27/2025
Supervised By :Mahesh Dadoda 08/27/2025



#46
cis-1,3-Dichloropropene
Concen: 10.507 ppbv
RT: 5.609 min Scan# 1706
Delta R.T. -0.000 min
Lab File: VL042880.D
Acq: 26 Aug 2025 08:29

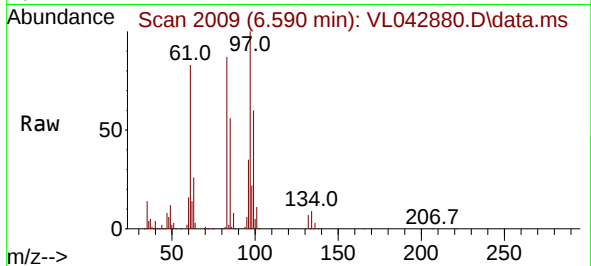
Tgt Ion: 75 Resp: 196004
Ion Ratio Lower Upper
75 100
39 62.4 48.9 73.3
77 27.8 24.9 37.3





#47
1,1,2-Trichloroethane
Concen: 11.002 ppbv
RT: 6.590 min Scan# 2009
Delta R.T. -0.000 min
Lab File: VL042880.D
Acq: 26 Aug 2025 08:29

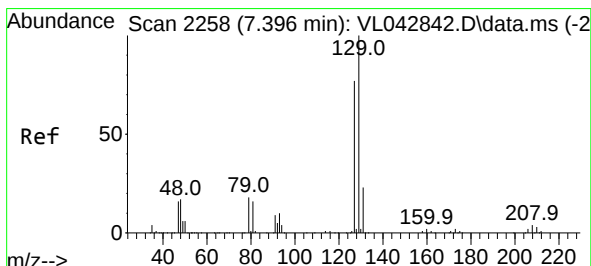
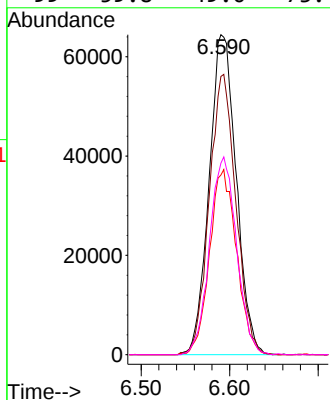
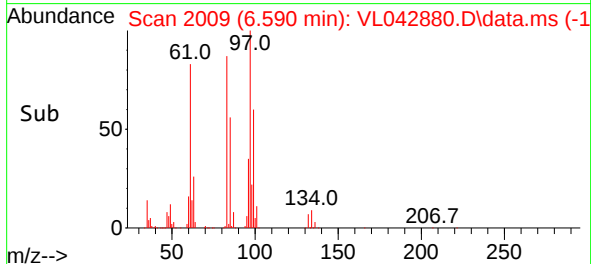
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



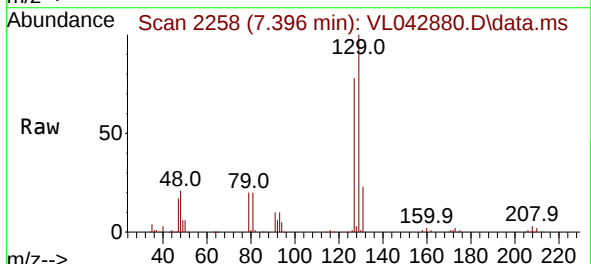
Tgt Ion: 97 Resp: 137090
Ion Ratio Lower Upper
97 100
83 86.9 71.0 106.4
85 56.1 43.6 65.4
99 59.8 49.0 73.4

Manual Integrations
APPROVED

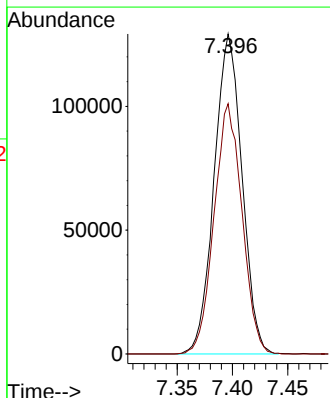
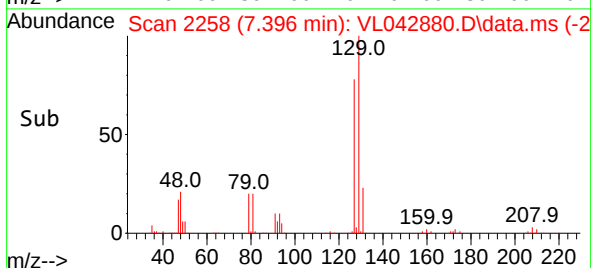
Reviewed By :Semsettin Yesilyurt 08/27/2025
Supervised By :Mahesh Dadoda 08/27/2025

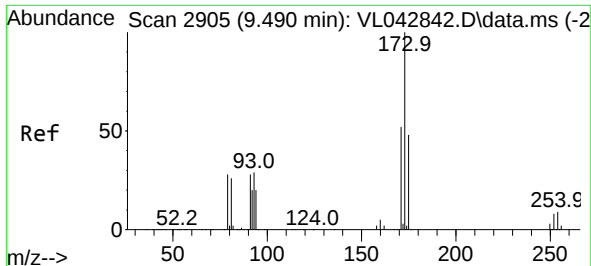


#48
Dibromochloromethane
Concen: 11.225 ppbv
RT: 7.396 min Scan# 2258
Delta R.T. -0.000 min
Lab File: VL042880.D
Acq: 26 Aug 2025 08:29



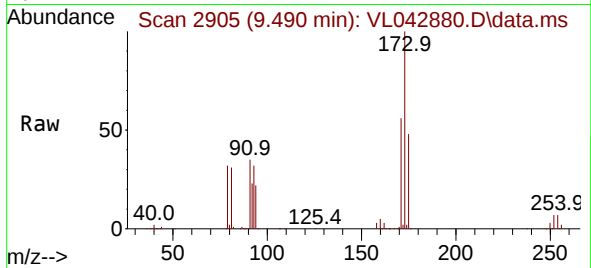
Tgt Ion:129 Resp: 226360
Ion Ratio Lower Upper
129 100
127 78.4 39.4 118.2





#49
Bromoform
Concen: 10.914 ppbv
RT: 9.490 min Scan# 2905
Delta R.T. -0.000 min
Lab File: VL042880.D
Acq: 26 Aug 2025 08:29

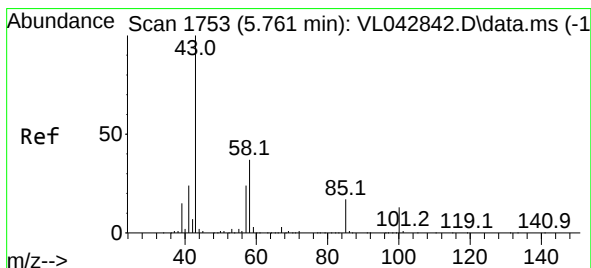
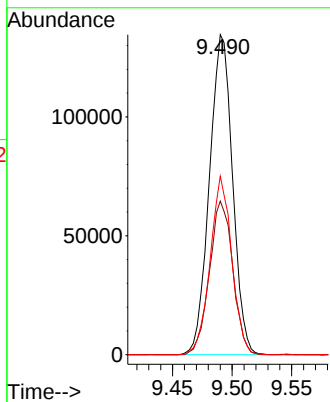
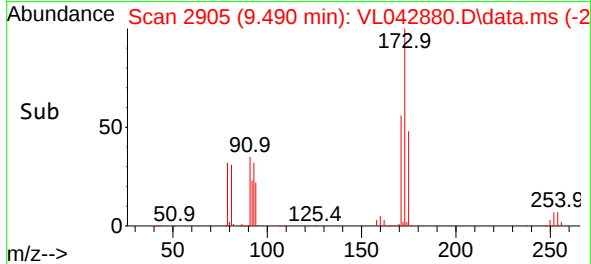
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 173 Resp: 18150
Ion Ratio Lower Upper
173 100
175 48.3 39.2 58.8
171 52.1 41.3 61.9

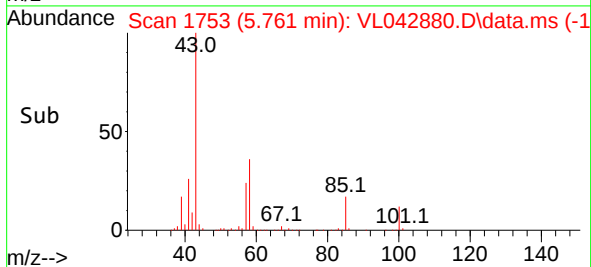
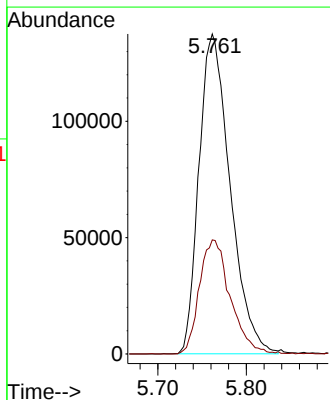
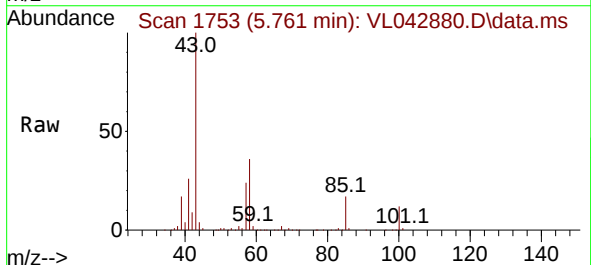
Manual Integrations
APPROVED

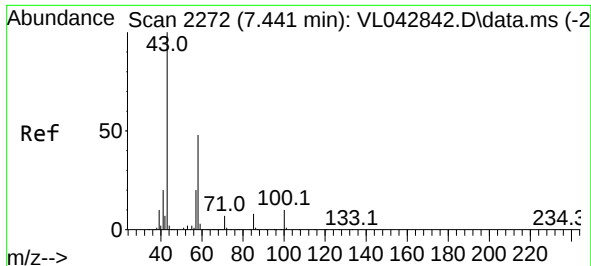
Reviewed By :Semsettin Yesilyurt 08/27/2025
Supervised By :Mahesh Dadoda 08/27/2025



#50
4-Methyl-2-Pentanone
Concen: 10.953 ppbv
RT: 5.761 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VL042880.D
Acq: 26 Aug 2025 08:29

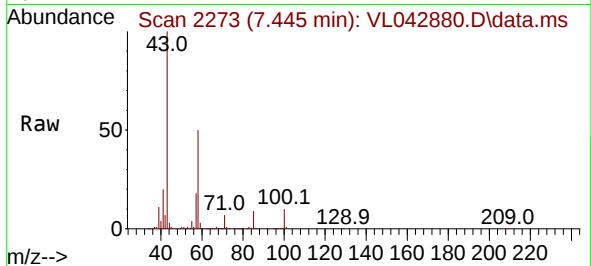
Tgt Ion: 43 Resp: 336202
Ion Ratio Lower Upper
43 100
58 35.3 29.8 44.8





#51
2-Hexanone
Concen: 11.126 ppbv
RT: 7.445 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL042880.D
Acq: 26 Aug 2025 08:29

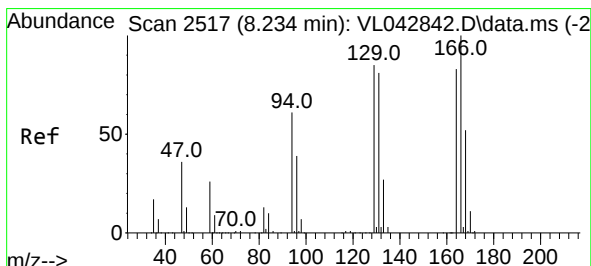
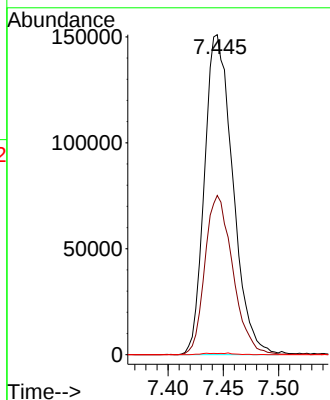
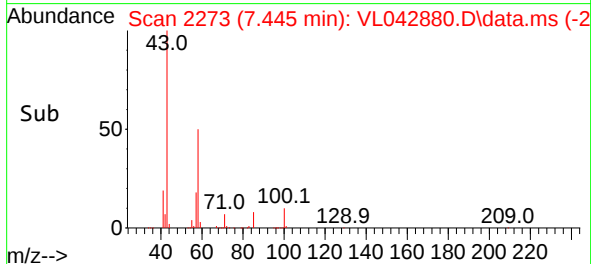
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 43 Resp: 268720
Ion Ratio Lower Upper
43 100
58 49.1 41.0 61.6
98 0.5 0.1 0.1

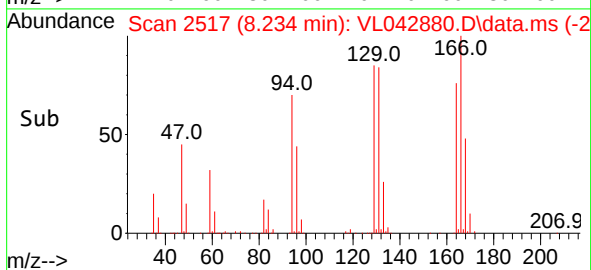
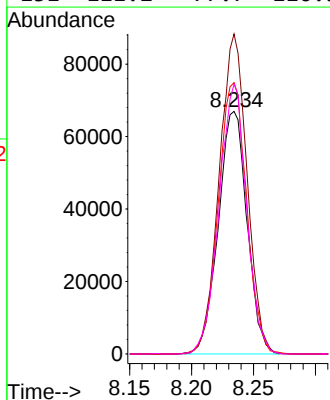
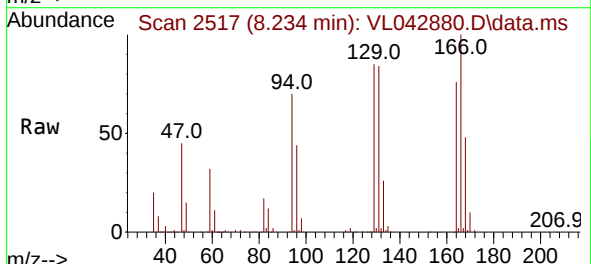
Manual Integrations
APPROVED

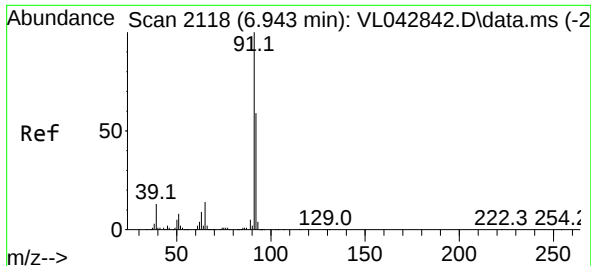
Reviewed By :Semsettin Yesilyurt 08/27/2025
Supervised By :Mahesh Dadoda 08/27/2025



#52
Tetrachloroethene
Concen: 9.271 ppbv
RT: 8.234 min Scan# 2517
Delta R.T. -0.000 min
Lab File: VL042880.D
Acq: 26 Aug 2025 08:29

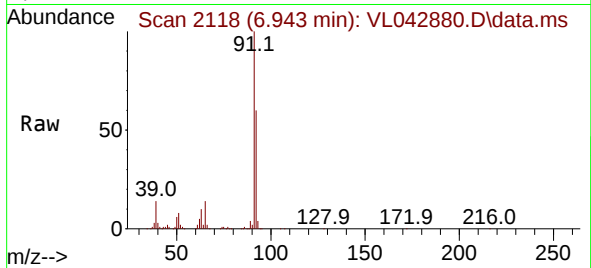
Tgt Ion:164 Resp: 108007
Ion Ratio Lower Upper
164 100
166 132.0 96.5 144.7
129 111.9 81.8 122.6
131 111.2 77.7 116.5





#53
Toluene
Concen: 10.163 ppbv
RT: 6.943 min Scan# 2118
Delta R.T. -0.000 min
Lab File: VL042880.D
Acq: 26 Aug 2025 08:29

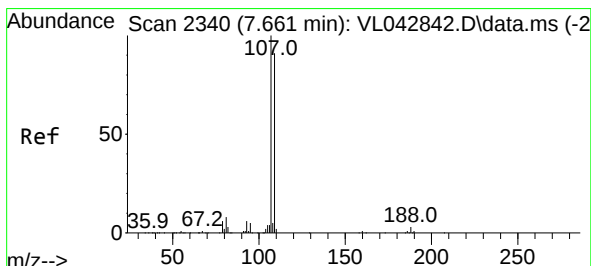
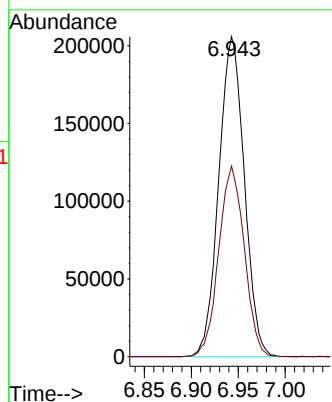
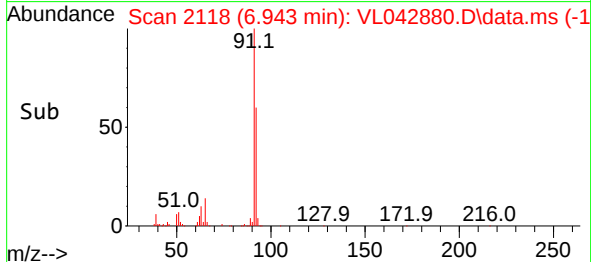
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 91 Resp: 38910
Ion Ratio Lower Upper
91 100
92 59.7 47.8 71.6

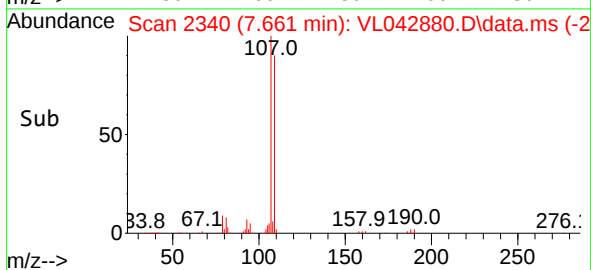
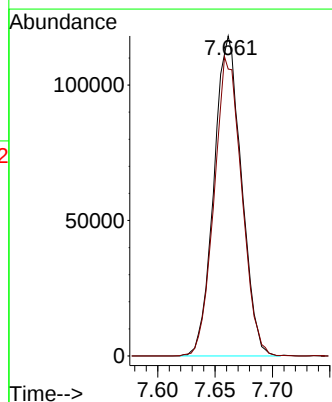
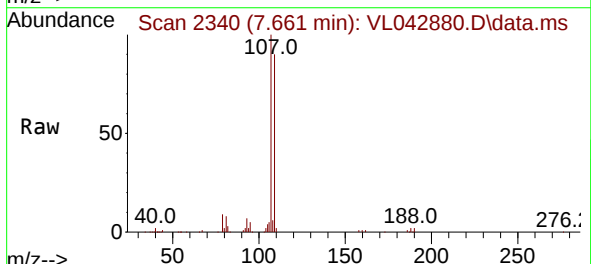
Manual Integrations
APPROVED

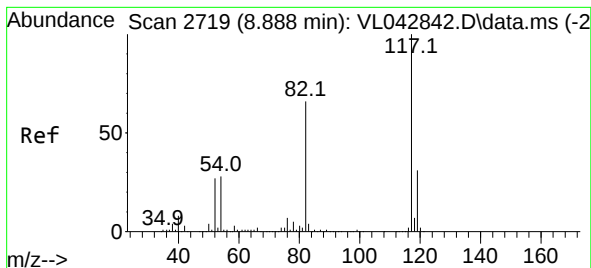
Reviewed By :Semsettin Yesilyurt 08/27/2025
Supervised By :Mahesh Dadoda 08/27/2025



#54
1,2-Dibromoethane
Concen: 10.812 ppbv
RT: 7.661 min Scan# 2340
Delta R.T. -0.000 min
Lab File: VL042880.D
Acq: 26 Aug 2025 08:29

Tgt Ion:107 Resp: 196903
Ion Ratio Lower Upper
107 100
109 89.5 72.5 108.7





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.888 min Scan# 2719

Delta R.T. -0.000 min

Lab File: VL042880.D

Acq: 26 Aug 2025 08:29

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

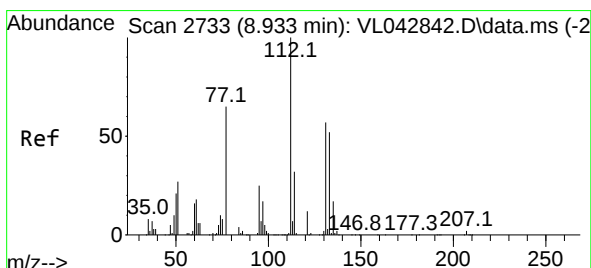
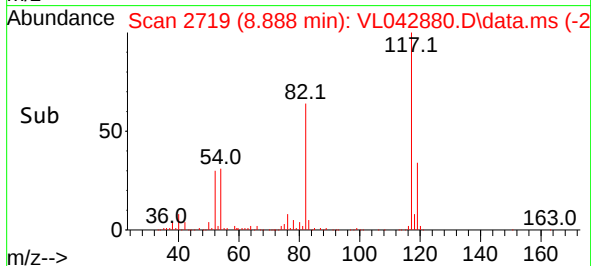
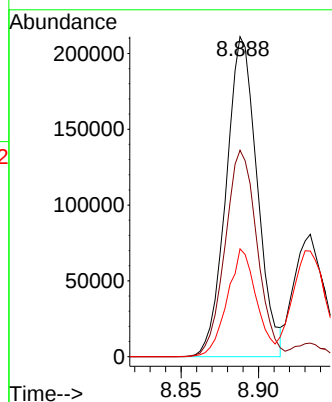
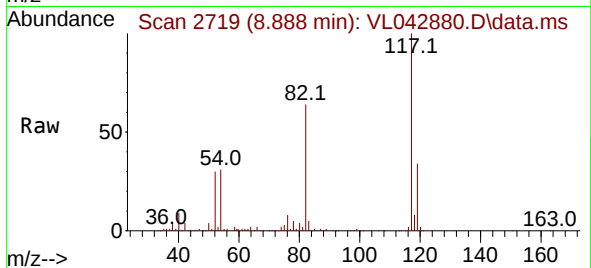
Tgt Ion:117 Resp: 29494

Ion	Ratio	Lower	Upper
117	100		
82	70.3	54.6	81.8
119	32.6	25.9	38.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/27/2025
Supervised By :Mahesh Dadoda 08/27/2025



#56

1,1,1,2-Tetrachloroethane

Concen: 10.935 ppbv

RT: 8.933 min Scan# 2733

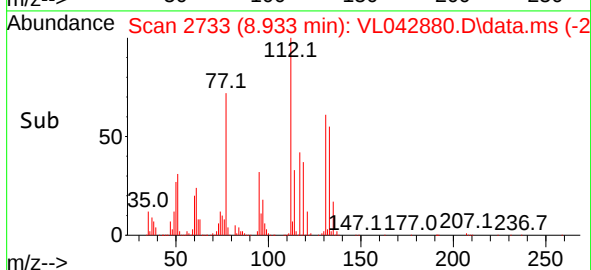
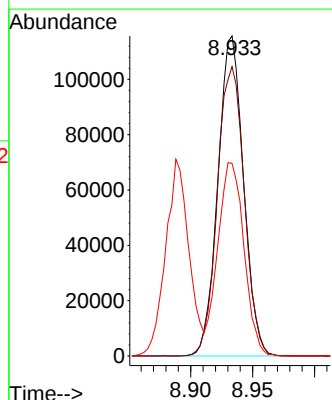
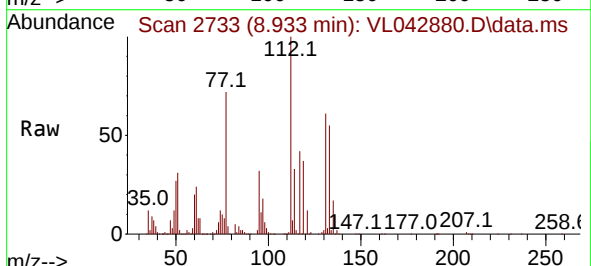
Delta R.T. -0.000 min

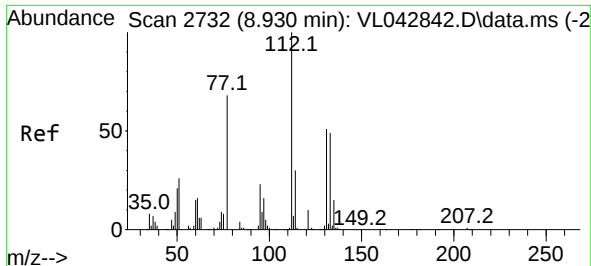
Lab File: VL042880.D

Acq: 26 Aug 2025 08:29

Tgt Ion:131 Resp: 166781

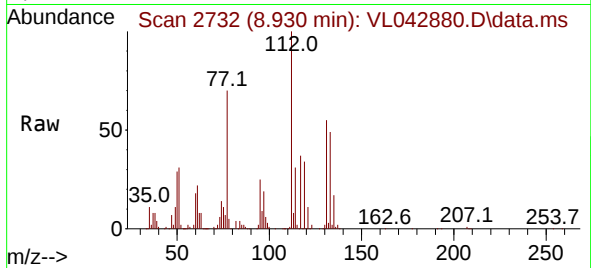
Ion	Ratio	Lower	Upper
131	100		
133	95.1	77.4	116.0
119	61.6	51.2	76.8





#57
Chlorobenzene
Concen: 10.615 ppbv
RT: 8.930 min Scan# 21
Delta R.T. -0.000 min
Lab File: VL042880.D
Acq: 26 Aug 2025 08:29

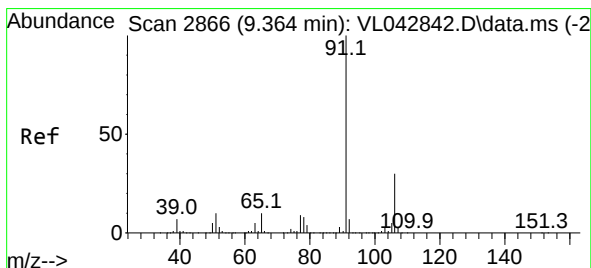
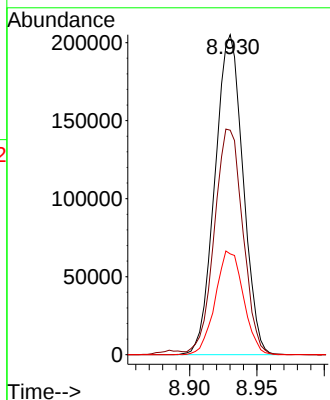
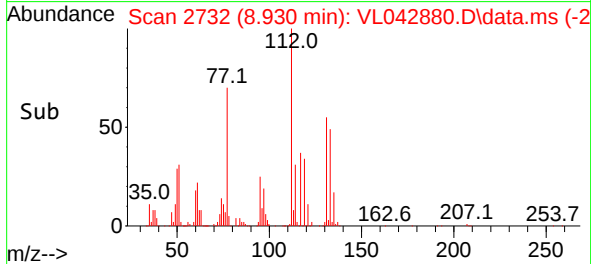
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:112 Resp: 297688
Ion Ratio Lower Upper
112 100
77 70.0 55.5 83.3
114 31.5 27.2 33.2

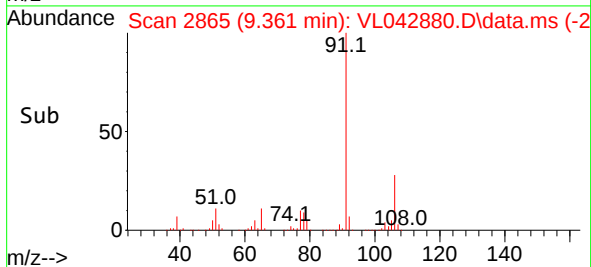
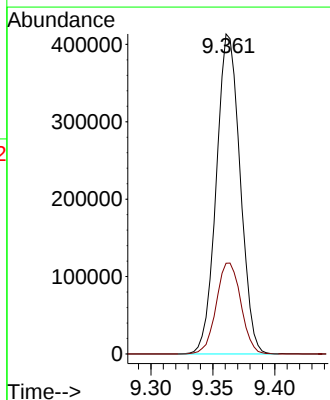
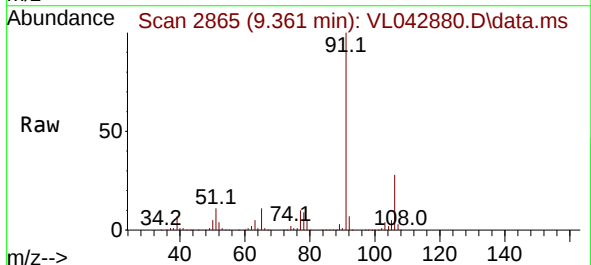
Manual Integrations
APPROVED

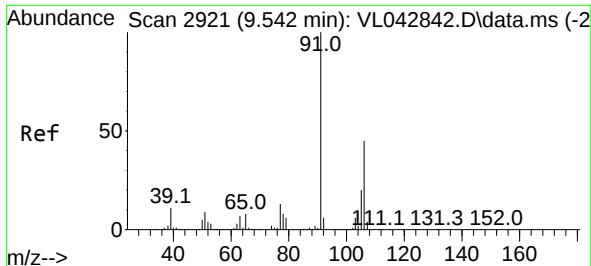
Reviewed By :Semsettin Yesilyurt 08/27/2025
Supervised By :Mahesh Dadoda 08/27/2025



#58
Ethyl Benzene
Concen: 10.635 ppbv
RT: 9.361 min Scan# 2865
Delta R.T. -0.003 min
Lab File: VL042880.D
Acq: 26 Aug 2025 08:29

Tgt Ion: 91 Resp: 553547
Ion Ratio Lower Upper
91 100
106 28.3 23.9 35.9





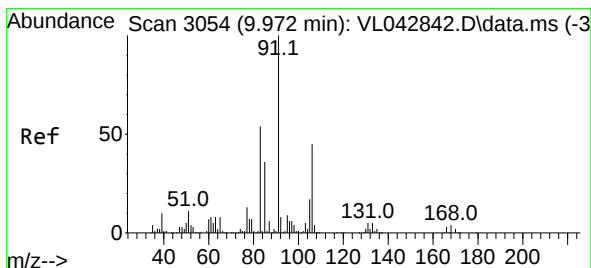
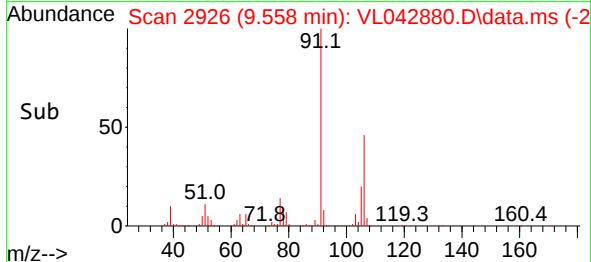
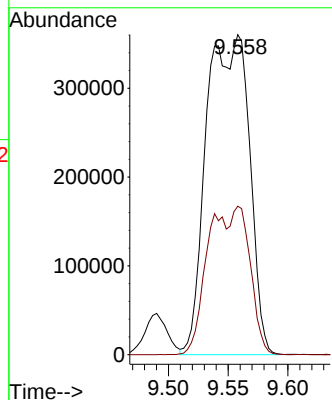
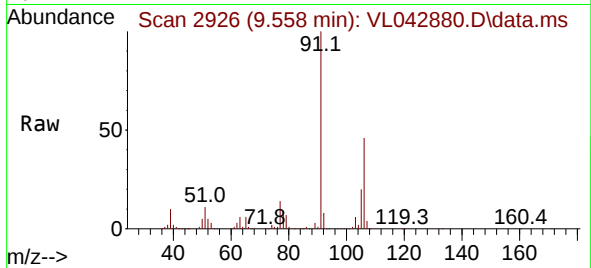
#59
m/p-Xylene
Concen: 22.098 ppbv m
RT: 9.558 min Scan# 2921
Delta R.T. 0.016 min
Lab File: VL042880.D
Acq: 26 Aug 2025 08:29

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 901528
Ion Ratio Lower Upper
91 100
106 0.0 0.0 0.0

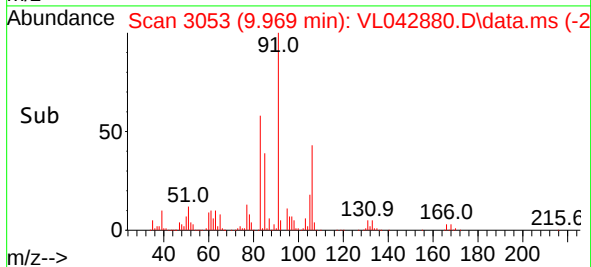
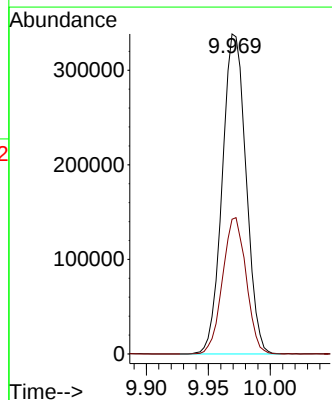
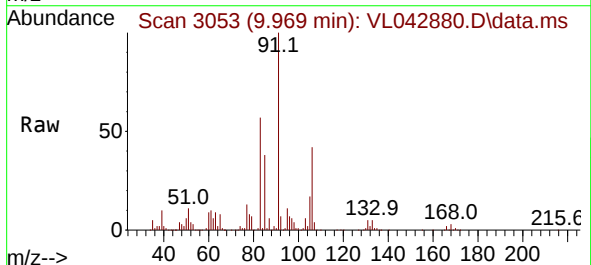
Manual Integrations
APPROVED

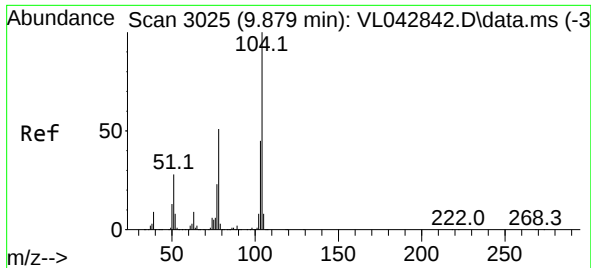
Reviewed By :Semsettin Yesilyurt 08/27/2025
Supervised By :Mahesh Dadoda 08/27/2025



#60
o-Xylene
Concen: 11.030 ppbv
RT: 9.969 min Scan# 3053
Delta R.T. -0.003 min
Lab File: VL042880.D
Acq: 26 Aug 2025 08:29

Tgt Ion: 91 Resp: 452658
Ion Ratio Lower Upper
91 100
106 42.3 21.8 65.4





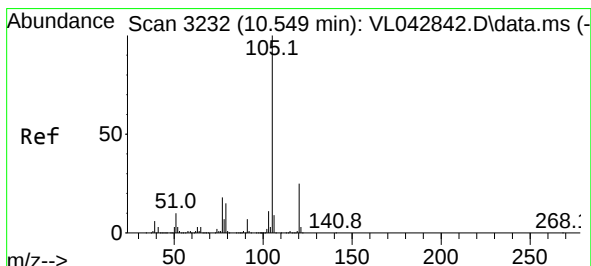
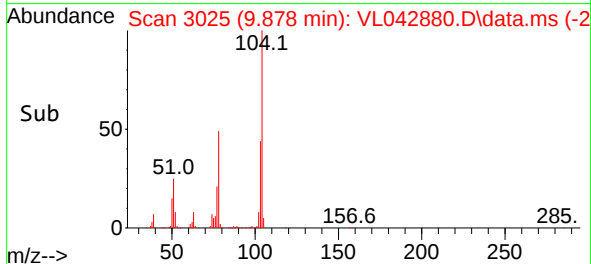
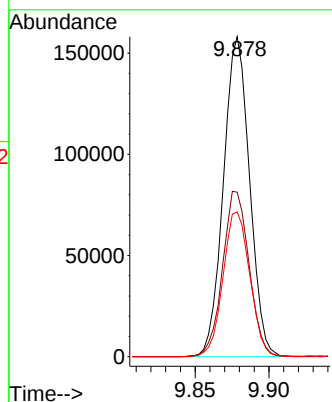
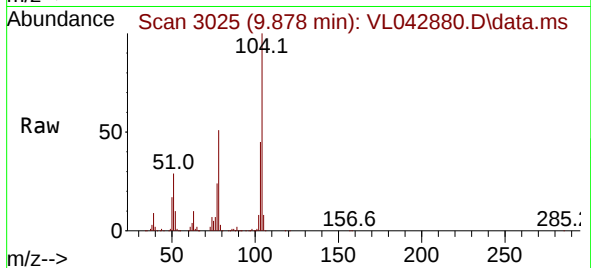
#61
Styrene
Concen: 10.138 ppbv
RT: 9.878 min Scan# 3025
Delta R.T. -0.000 min
Lab File: VL042880.D
Acq: 26 Aug 2025 08:29

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:104 Resp: 194940
Ion Ratio Lower Upper
104 100
78 52.4 40.6 61.0
103 46.5 37.7 56.5

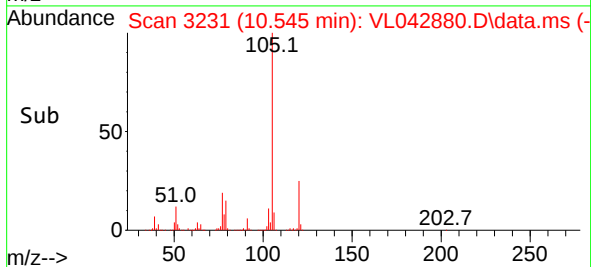
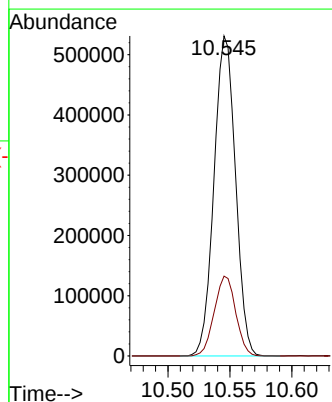
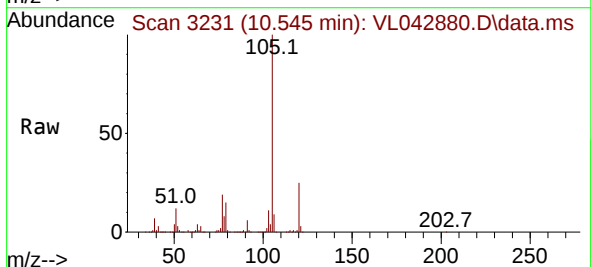
Manual Integrations
APPROVED

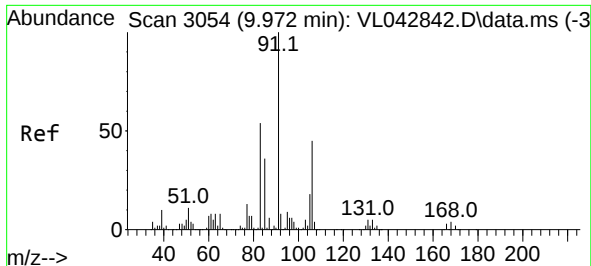
Reviewed By :Semsettin Yesilyurt 08/27/2025
Supervised By :Mahesh Dadoda 08/27/2025



#62
Isopropylbenzene
Concen: 10.700 ppbv
RT: 10.545 min Scan# 3231
Delta R.T. -0.003 min
Lab File: VL042880.D
Acq: 26 Aug 2025 08:29

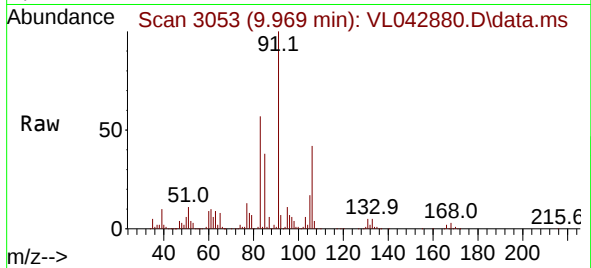
Tgt Ion:105 Resp: 641727
Ion Ratio Lower Upper
105 100
120 24.8 20.6 30.8





#63
1,1,2,2-Tetrachloroethane
Concen: 11.042 ppbv
RT: 9.969 min Scan# 3054
Delta R.T. -0.003 min
Lab File: VL042880.D
Acq: 26 Aug 2025 08:29

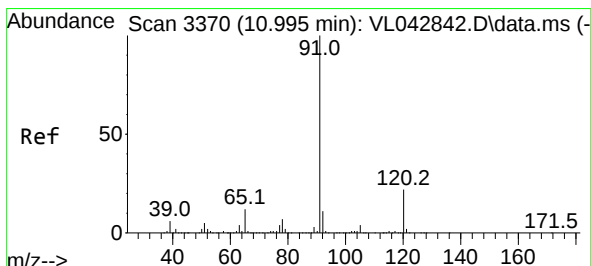
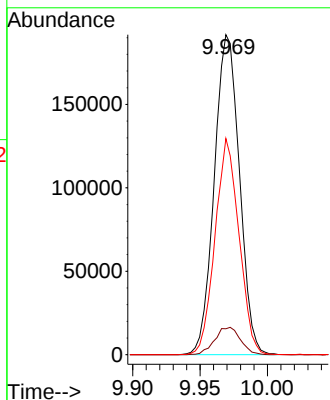
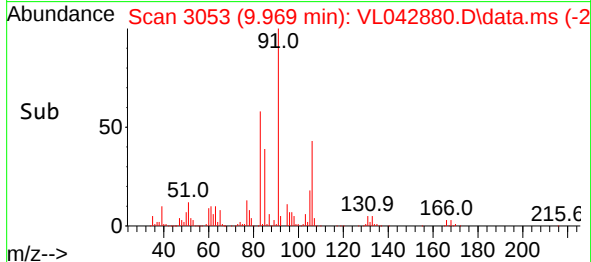
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



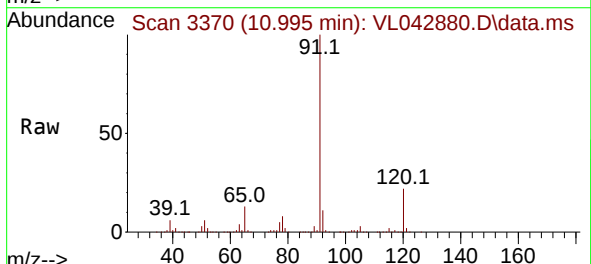
Tgt Ion: 83 Resp: 249214
Ion Ratio Lower Upper
83 100
131 8.7 4.8 14.3
85 64.2 32.3 96.8

Manual Integrations
APPROVED

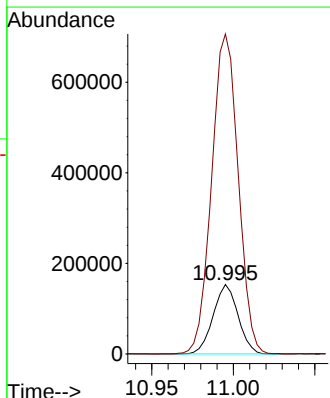
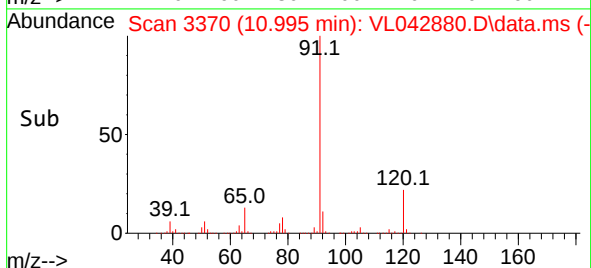
Reviewed By :Semsettin Yesilyurt 08/27/2025
Supervised By :Mahesh Dadoda 08/27/2025

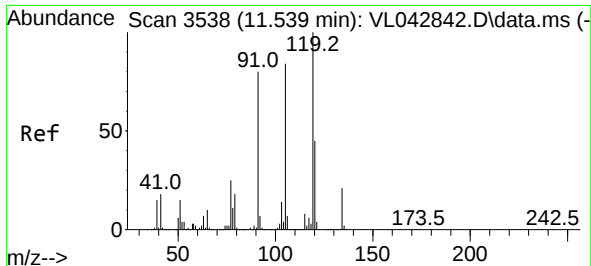


#64
n-propylbenzene
Concen: 10.630 ppbv
RT: 10.995 min Scan# 3370
Delta R.T. -0.000 min
Lab File: VL042880.D
Acq: 26 Aug 2025 08:29



Tgt Ion:120 Resp: 162661
Ion Ratio Lower Upper
120 100
91 492.9 375.8 563.6





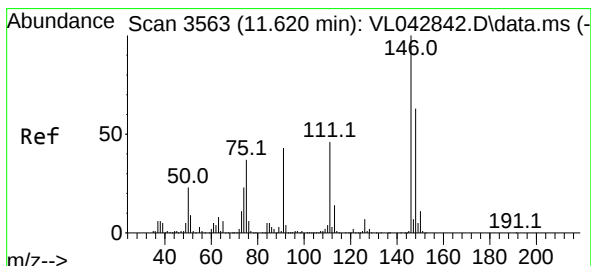
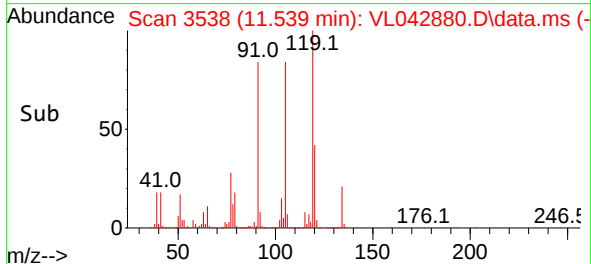
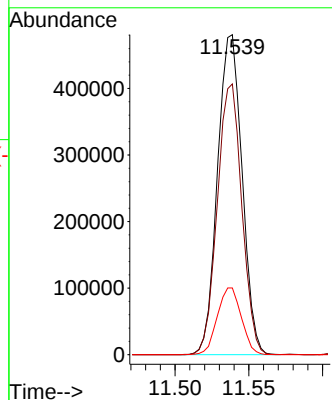
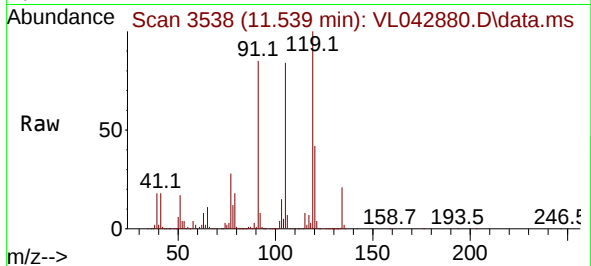
#65
tert-Butylbenzene
Concen: 10.552 ppbv
RT: 11.539 min Scan# 3538
Delta R.T. -0.000 min
Lab File: VL042880.D
Acq: 26 Aug 2025 08:29

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:119 Resp: 55790
Ion Ratio Lower Upper
119 100
91 84.5 63.9 95.9
134 20.4 17.0 25.4

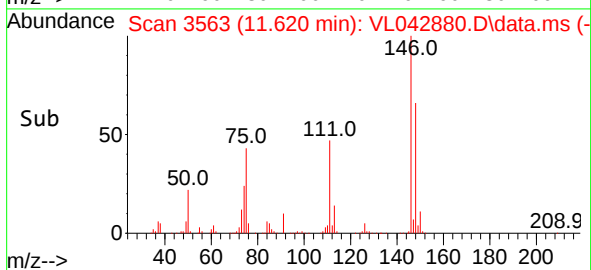
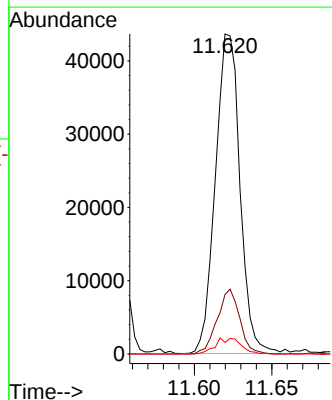
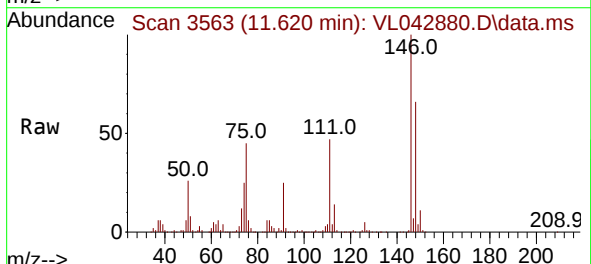
Manual Integrations
APPROVED

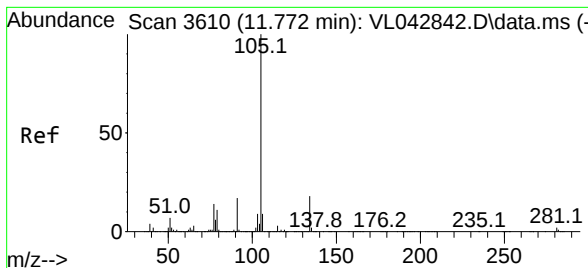
Reviewed By :Semsettin Yesilyurt 08/27/2025
Supervised By :Mahesh Dadoda 08/27/2025



#66
Benzyl Chloride
Concen: 7.172 ppbv
RT: 11.620 min Scan# 3563
Delta R.T. -0.000 min
Lab File: VL042880.D
Acq: 26 Aug 2025 08:29

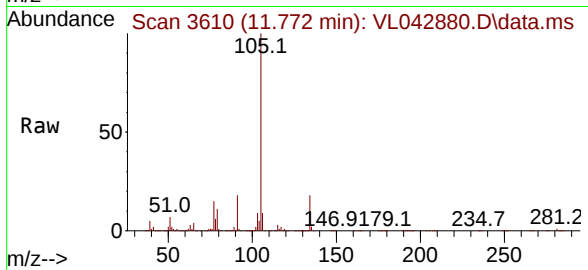
Tgt Ion: 91 Resp: 48141
Ion Ratio Lower Upper
91 100
126 18.5 14.2 21.4
128 5.1 5.0 7.6





#67
 sec-Butylbenzene
 Concen: 10.955 ppbv
 RT: 11.772 min Scan# 3610
 Delta R.T. -0.000 min
 Lab File: VL042880.D
 Acq: 26 Aug 2025 08:29

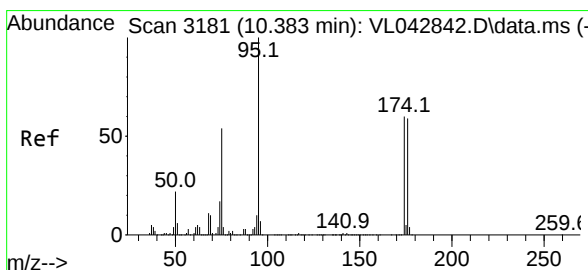
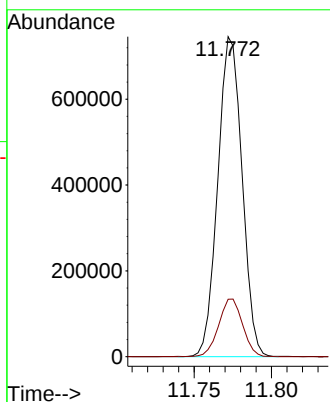
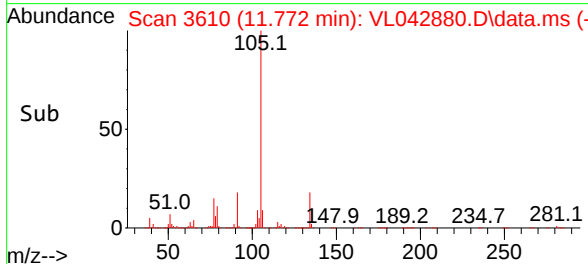
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



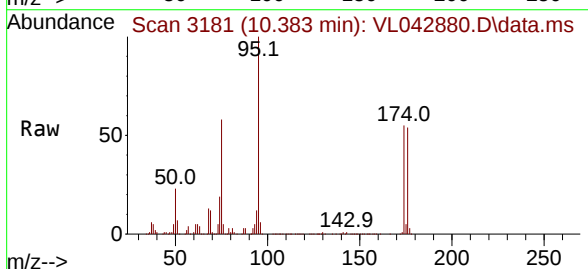
Tgt Ion:105 Resp: 812989
 Ion Ratio Lower Upper
 105 100
 134 17.9 14.9 22.3

Manual Integrations
 APPROVED

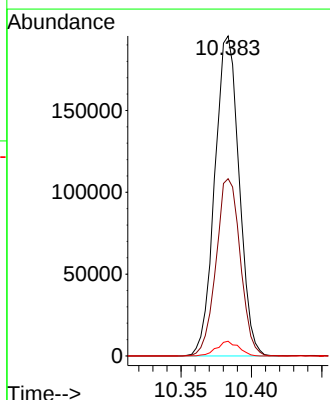
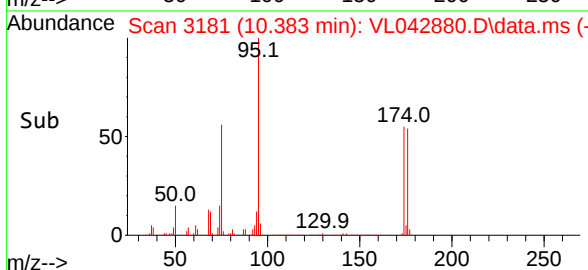
Reviewed By :Semsettin Yesilyurt 08/27/2025
 Supervised By :Mahesh Dadoda 08/27/2025

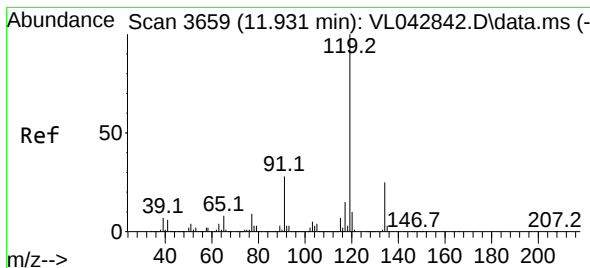


#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.634 ppbv
 RT: 10.383 min Scan# 3181
 Delta R.T. -0.000 min
 Lab File: VL042880.D
 Acq: 26 Aug 2025 08:29



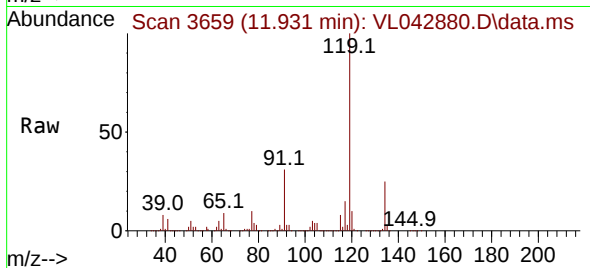
Tgt Ion: 95 Resp: 235225
 Ion Ratio Lower Upper
 95 100
 174 55.2 48.4 72.6
 175 4.2 3.8 5.8





#69
p-Isopropyltoluene
Concen: 10.344 ppbv
RT: 11.931 min Scan# 3659
Delta R.T. -0.000 min
Lab File: VL042880.D
Acq: 26 Aug 2025 08:29

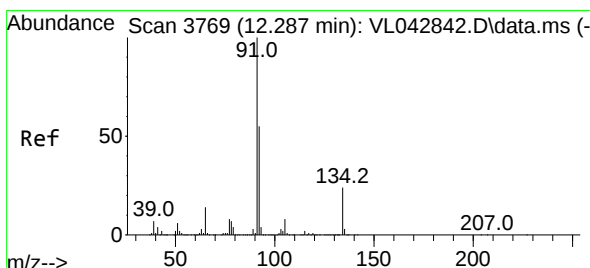
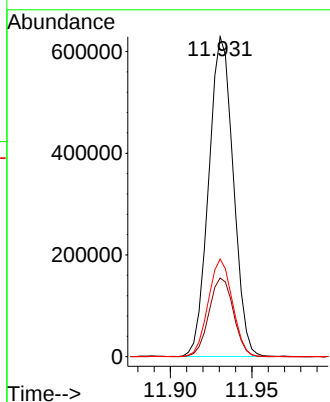
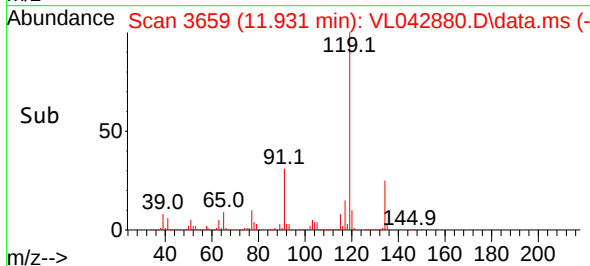
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



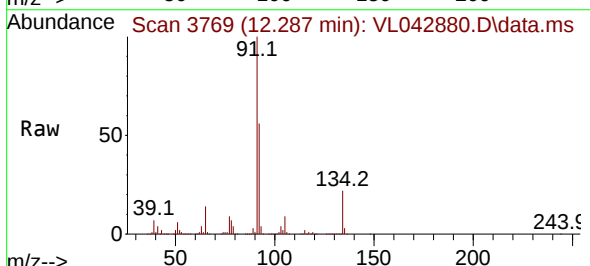
Tgt Ion: 119 Resp: 659073
Ion Ratio Lower Upper
119 100
134 24.7 20.6 30.8
91 30.2 22.6 34.0

Manual Integrations
APPROVED

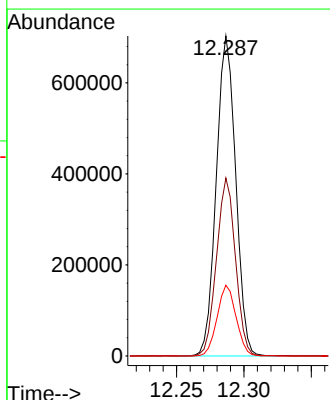
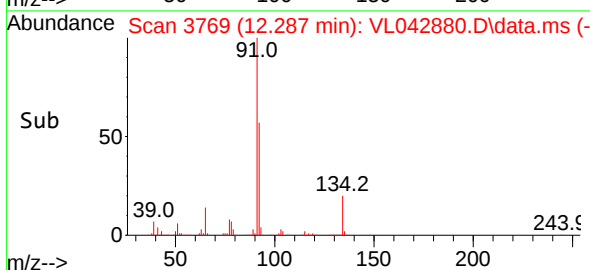
Reviewed By :Semsettin Yesilyurt 08/27/2025
Supervised By :Mahesh Dadoda 08/27/2025

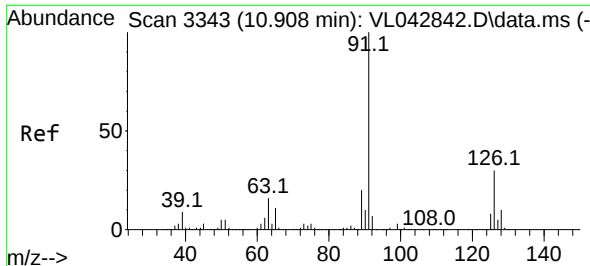


#70
n-Butylbenzene
Concen: 11.128 ppbv
RT: 12.287 min Scan# 3769
Delta R.T. -0.000 min
Lab File: VL042880.D
Acq: 26 Aug 2025 08:29



Tgt Ion: 91 Resp: 703206
Ion Ratio Lower Upper
91 100
92 54.4 44.6 66.8
134 21.6 19.0 28.4





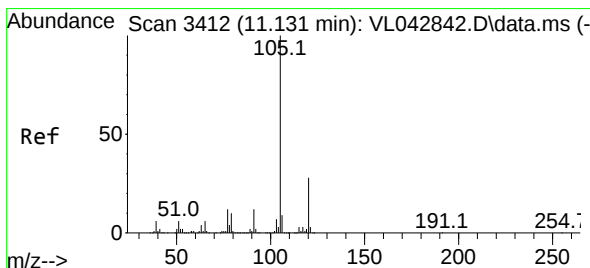
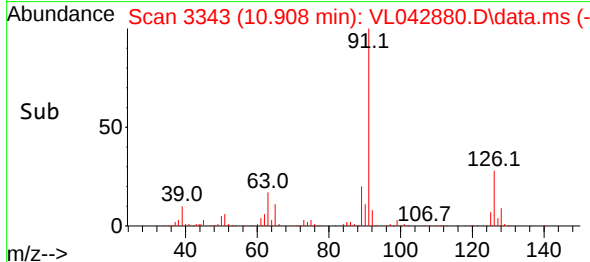
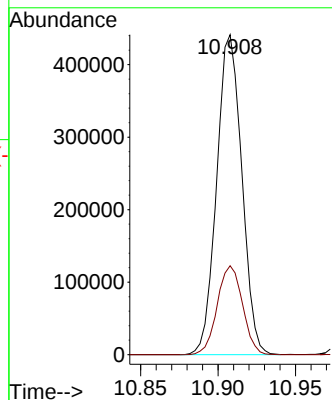
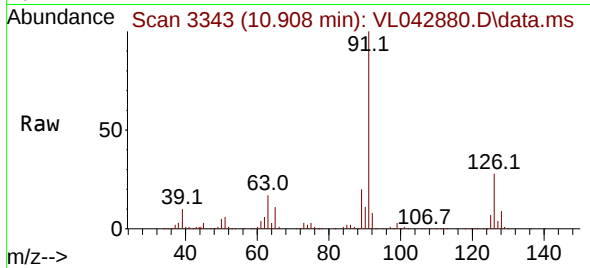
#71
2-Chlorotoluene
Concen: 10.701 ppbv
RT: 10.908 min Scan# 31
Delta R.T. -0.000 min
Lab File: VL042880.D
Acq: 26 Aug 2025 08:29

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 49834
Ion Ratio Lower Upper
91 100
126 27.9 12.0 47.8

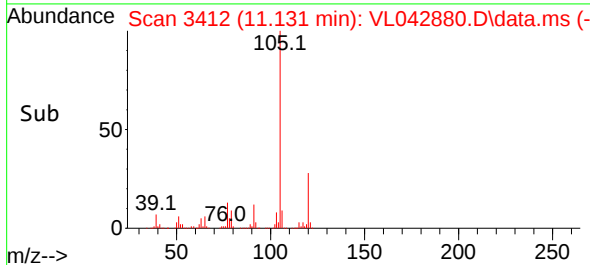
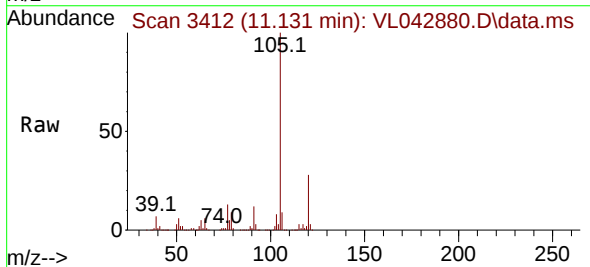
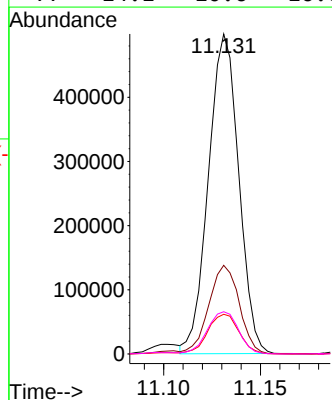
Manual Integrations
APPROVED

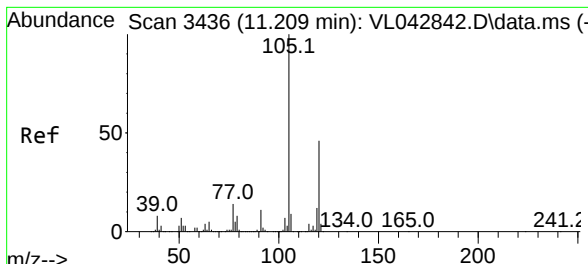
Reviewed By :Semsettin Yesilyurt 08/27/2025
Supervised By :Mahesh Dadoda 08/27/2025



#72
4-Ethyltoluene
Concen: 10.889 ppbv
RT: 11.131 min Scan# 3412
Delta R.T. -0.000 min
Lab File: VL042880.D
Acq: 26 Aug 2025 08:29

Tgt Ion:105 Resp: 541729
Ion Ratio Lower Upper
105 100
120 28.7 23.4 35.2
91 13.3 9.8 14.6
77 14.1 10.6 16.0





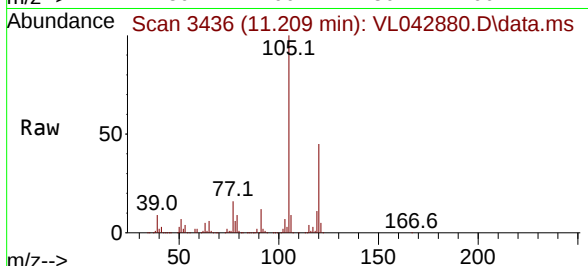
#73
 1,3,5-Trimethylbenzene
 Concen: 10.632 ppbv
 RT: 11.209 min Scan# 3436
 Delta R.T. -0.000 min
 Lab File: VL042880.D
 Acq: 26 Aug 2025 08:29

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

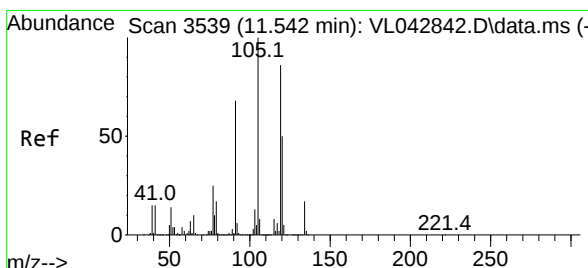
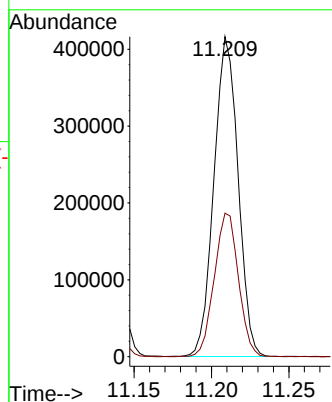
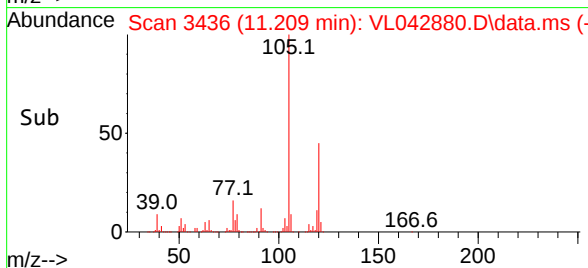


Tgt Ion:105 Resp: 449818
 Ion Ratio Lower Upper
 105 100
 120 44.8 36.6 54.8

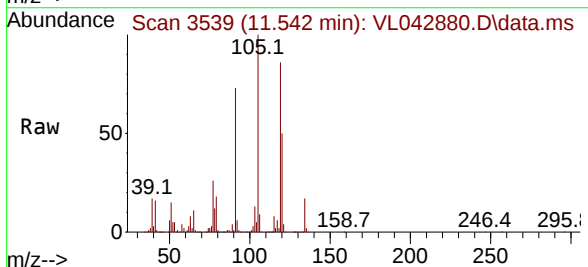
Manual Integrations

APPROVED

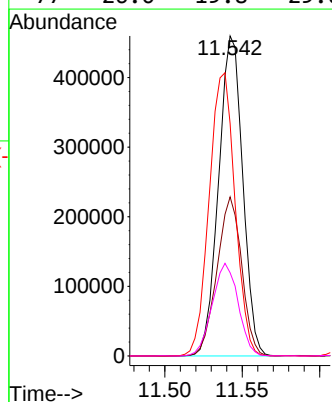
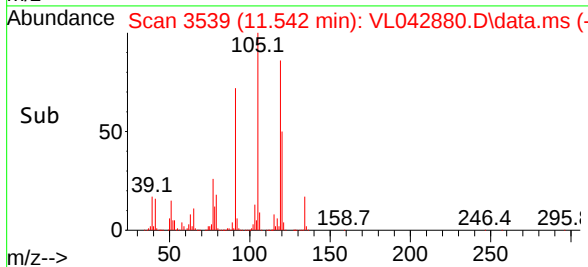
Reviewed By :Semsettin Yesilyurt 08/27/2025
 Supervised By :Mahesh Dadoda 08/27/2025

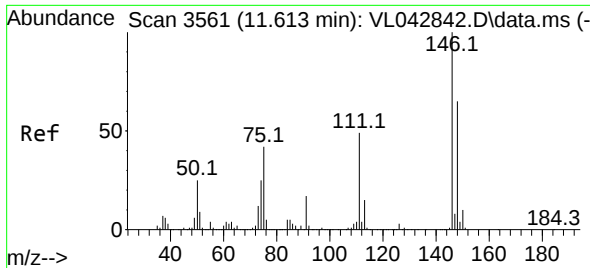


#74
 1,2,4-Trimethylbenzene
 Concen: 10.728 ppbv
 RT: 11.542 min Scan# 3539
 Delta R.T. -0.000 min
 Lab File: VL042880.D
 Acq: 26 Aug 2025 08:29



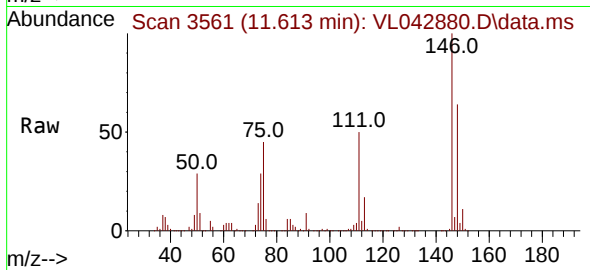
Tgt Ion:105 Resp: 498209
 Ion Ratio Lower Upper
 105 100
 120 49.7 39.8 59.6
 91 72.5 54.2 81.4
 77 26.0 19.8 29.6





#75
1,3-Dichlorobenzene
Concen: 10.706 ppbv
RT: 11.613 min Scan# 3561
Delta R.T. -0.000 min
Lab File: VL042880.D
Acq: 26 Aug 2025 08:29

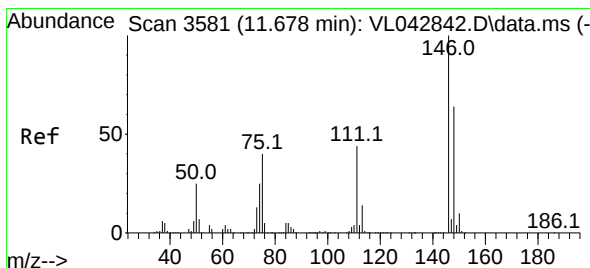
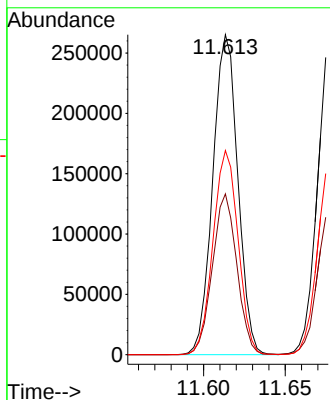
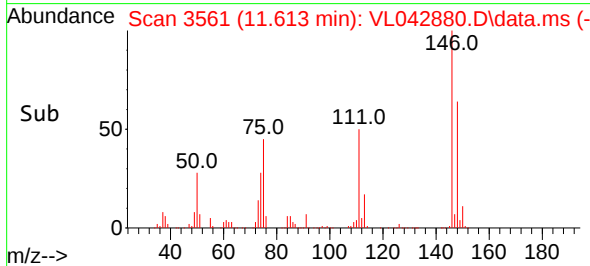
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



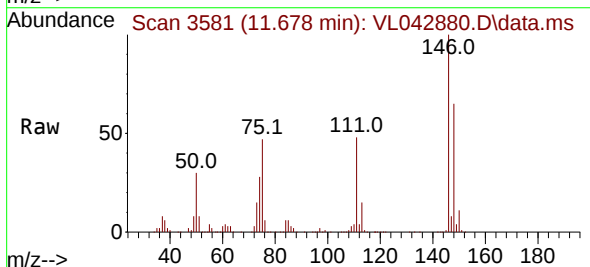
Tgt Ion:146 Resp: 282628
Ion Ratio Lower Upper
146 100
111 49.3 23.9 71.7
148 63.9 31.4 94.0

Manual Integrations
APPROVED

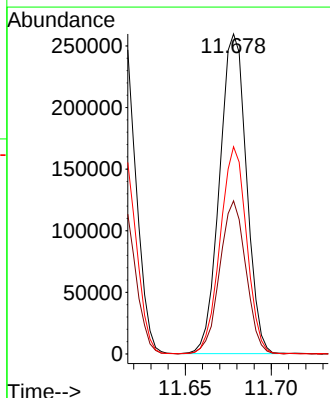
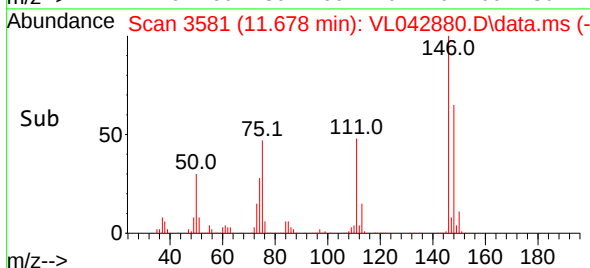
Reviewed By :Semsettin Yesilyurt 08/27/2025
Supervised By :Mahesh Dadoda 08/27/2025

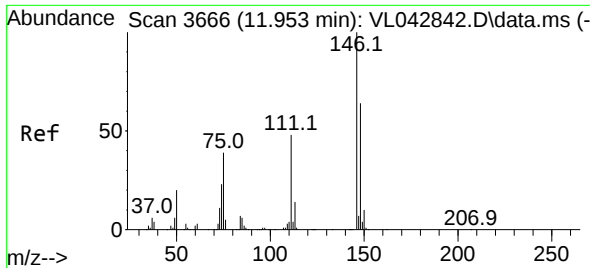


#76
1,4-Dichlorobenzene
Concen: 10.571 ppbv
RT: 11.678 min Scan# 3581
Delta R.T. -0.000 min
Lab File: VL042880.D
Acq: 26 Aug 2025 08:29



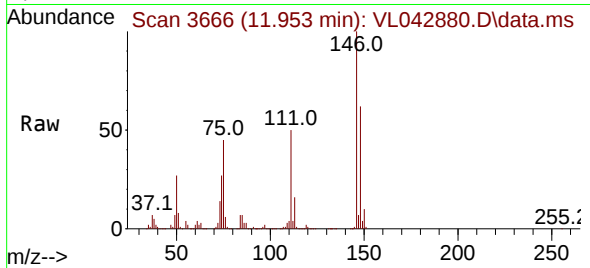
Tgt Ion:146 Resp: 282236
Ion Ratio Lower Upper
146 100
111 46.8 22.7 68.1
148 63.9 31.8 95.3





#77
1,2-Dichlorobenzene
Concen: 10.566 ppbv
RT: 11.953 min Scan# 3666
Delta R.T. -0.000 min
Lab File: VL042880.D
Acq: 26 Aug 2025 08:29

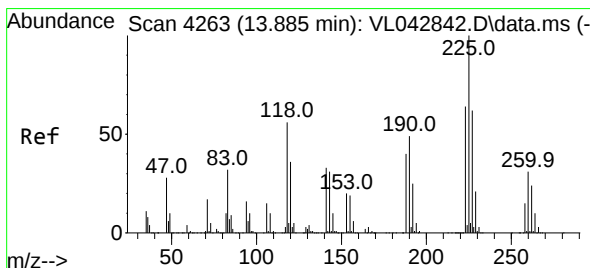
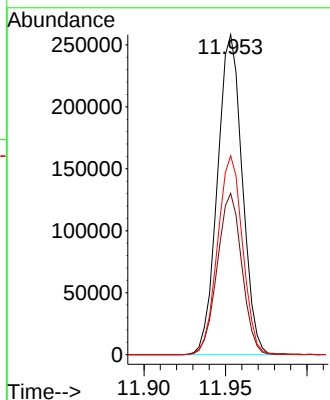
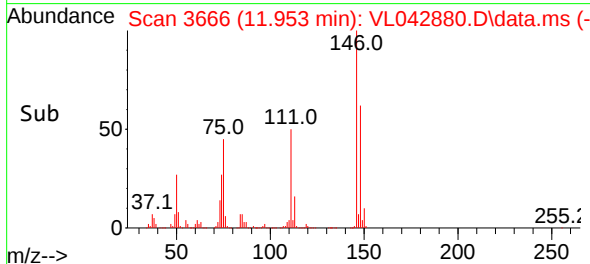
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



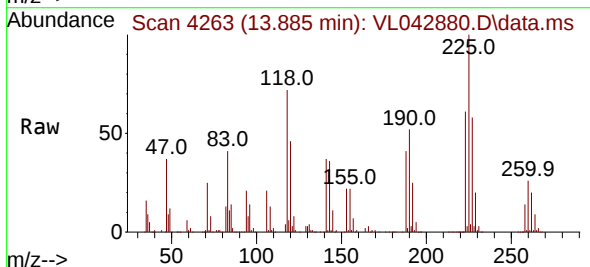
Tgt Ion:146 Resp: 273118
Ion Ratio Lower Upper
146 100
111 50.2 24.6 74.0
148 62.6 32.0 96.0

Manual Integrations
APPROVED

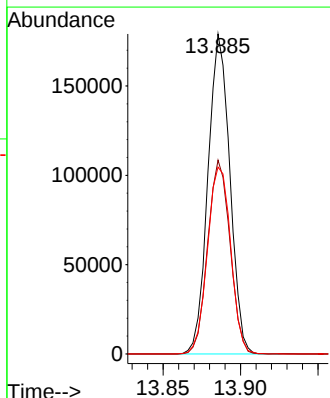
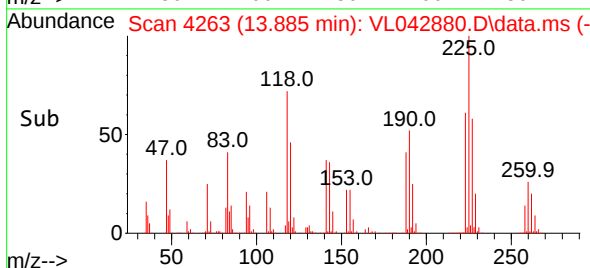
Reviewed By :Semsettin Yesilyurt 08/27/2025
Supervised By :Mahesh Dadoda 08/27/2025

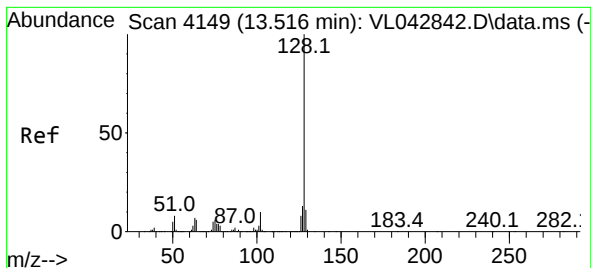


#78
Hexachloro-1,3-Butadiene
Concen: 8.301 ppbv
RT: 13.885 min Scan# 4263
Delta R.T. -0.000 min
Lab File: VL042880.D
Acq: 26 Aug 2025 08:29



Tgt Ion:225 Resp: 175877
Ion Ratio Lower Upper
225 100
223 61.8 51.4 77.2
227 62.0 51.9 77.9





#79

Naphthalene

Concen: 10.443 ppbv

RT: 13.516 min Scan# 4149

Delta R.T. -0.000 min

Lab File: VL042880.D

Acq: 26 Aug 2025 08:29

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

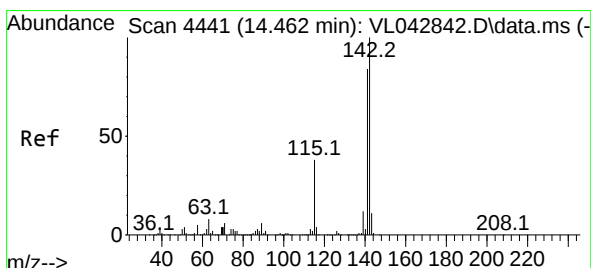
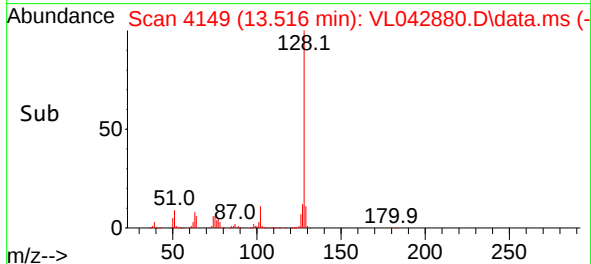
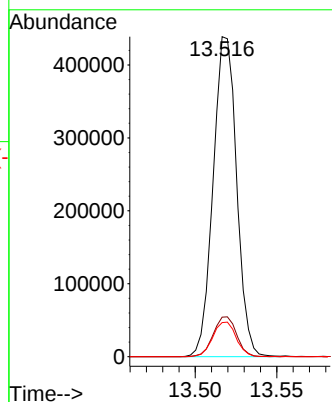
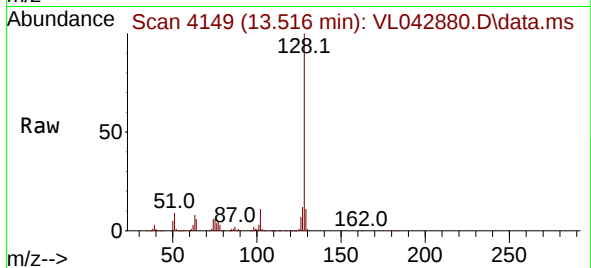
Tgt Ion:128 Resp: 439648

Ion	Ratio	Lower	Upper
128	100		
127	12.3	10.6	16.0
129	10.7	8.9	13.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/27/2025
Supervised By :Mahesh Dadoda 08/27/2025



#80

Naphthalene,2-methyl-

Concen: 8.223 ppbv

RT: 14.462 min Scan# 4441

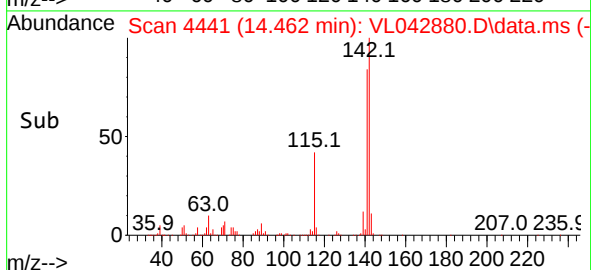
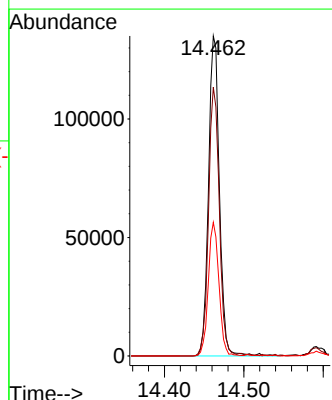
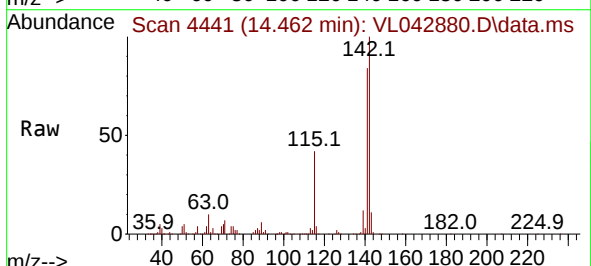
Delta R.T. -0.000 min

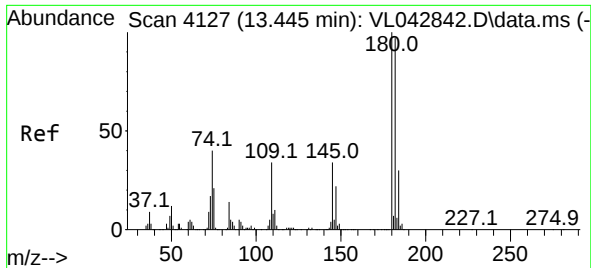
Lab File: VL042880.D

Acq: 26 Aug 2025 08:29

Tgt Ion:142 Resp: 129366

Ion	Ratio	Lower	Upper
142	100		
141	83.8	67.0	100.6
115	41.4	30.9	46.3





#81

1,2,4-Trichlorobenzene

Concen: 9.926 ppbv

RT: 13.445 min Scan# 41

Delta R.T. -0.000 min

Lab File: VL042880.D

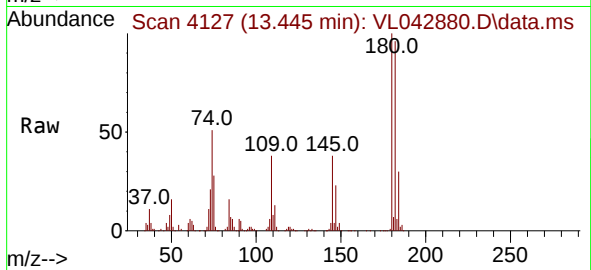
Acq: 26 Aug 2025 08:29

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010



Tgt Ion:180 Resp: 210039

Ion Ratio Lower Upper

180 100

182 94.7 76.9 115.3

184 29.3 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/27/2025

Supervised By :Mahesh Dadoda 08/27/2025

