

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110625\
 Data File : VL043155.D
 Acq On : 06 Nov 2025 07:19
 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 11/07/2025
 Supervised By : Mahesh Dadoda 11/10/2025

Quant Time: Nov 07 00:16:14 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL101425AIR.M

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

QLast Update : Wed Oct 15 02:12:58 2025

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.790	49	111679	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.962	114	341877	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.885	117	299829	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 10.377 95 246332 10.570 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 105.700%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.502	85	171973	10.832	ppbv	97
3) Chlorodifluoromethane	1.479	51	173652	10.109	ppbv	96
4) Chloromethane	1.534	50	57078	9.075	ppbv	97
5) Vinyl Chloride	1.583	62	57398	9.304	ppbv	98
6) Bromomethane	1.670	94	35458	10.482	ppbv	99
7) Chloroethane	1.706	64	23010	9.123	ppbv	96
8) Dichlorotetrafluoroethane	1.557	85	137989	10.753	ppbv	91
9) Propene	1.486	41	63768	8.370	ppbv	99
10) Heptane	4.985	43	188172	8.579	ppbv	97
11) Trichlorofluoromethane	1.881	101	185190	11.925	ppbv	98
12) 1,1,2-Trichlorotrifluoro...	2.143	101	144020	11.519	ppbv	99
13) Ethanol	1.722	45	20822	7.389	ppbv	98
14) Bromoethene	1.784	108	49929	10.750	ppbv	99
15) Acetone	1.835	43	136553	9.072	ppbv	100
16) 1,3-Butadiene	1.612	39	63019	8.785	ppbv	99
17) tert-Butyl alcohol	2.043	59	204329	9.889	ppbv	100
18) 1,1-Dichloroethene	2.036	96	60122	11.030	ppbv	93
19) Isopropyl Alcohol	1.887	45	81900	8.736	ppbv	93
20) Methylene Chloride	2.065	84	52206	8.774	ppbv	96
21) Allyl Chloride	2.098	41	103255	9.309	ppbv	92
22) trans-1,2-Dichloroethene	2.344	96	69627	10.686	ppbv	96
23) Vinyl Acetate	2.463	43	236500	10.726	ppbv	98
24) 1,1-Dichloroethane	2.412	63	132624	10.535	ppbv	99
25) Ethyl Acetate	2.836	43	352821	9.452	ppbv	99
26) Hexane	2.829	57	163545	9.508	ppbv	97
27) Carbon Disulfide	2.153	76	168378	10.684	ppbv	98
28) Methyl tert-Butyl Ether	2.441	73	79492	10.158	ppbv	94
29) Chloroform	2.852	83	272134	10.919	ppbv	100
30) Cyclohexane	3.862	84	140232	9.341	ppbv	93
31) cis-1,2-Dichloroethene	2.725	61	168571	10.263	ppbv	98
32) 1,1,1-Trichloroethane	3.373	97	281440	10.844	ppbv	99
34) 2-Butanone	2.557	43	235359	10.242	ppbv	98
35) Carbon Tetrachloride	3.768	117	291148	11.845	ppbv	99
36) Benzene	3.661	78	326769	10.148	ppbv	96
37) 1,2-Dichloroethane	3.221	62	213185	11.493	ppbv	98
38) Trichloroethene	4.554	130	129566	9.635	ppbv	94
39) 1,2-Dichloropropane	4.318	63	117127	9.950	ppbv	95
40) 1,4-Dioxane	4.580	88	50431	9.574	ppbv #	96
41) Tetrahydrofuran	3.056	42	119118	9.267	ppbv	97
42) Bromodichloromethane	4.496	83	291618	11.359	ppbv	100
43) Methyl Methacrylate	4.884	69	157399	9.624	ppbv	97
44) 2,2,4-Trimethylpentane	4.648	57	535251	9.853	ppbv	99
45) t-1,3-Dichloropropene	6.418	75	168113	10.243	ppbv	99

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Manual Integrations
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 Supervised By :Mahesh Dadoda 11/10/2025

Quant Time: Nov 07 00:16:14 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL101425AIR.M

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

QLast Update : Wed Oct 15 02:12:58 2025

Response via : Initial Calibration

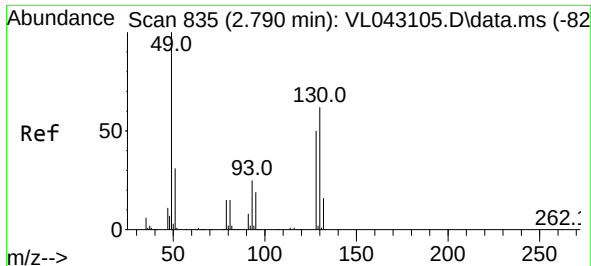
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.606	75	197738	10.086	ppbv	95
47) 1,1,2-Trichloroethane	6.584	97	130602	10.274	ppbv	94
48) Dibromochloromethane	7.389	129	238917	11.241	ppbv	98
49) Bromoform	9.487	173	206162	11.933	ppbv	98
50) 4-Methyl-2-Pentanone	5.748	43	295948	9.331	ppbv	100
51) 2-Hexanone	7.435	43	225625	9.485	ppbv #	98
52) Tetrachloroethene	8.231	164	120713	10.396	ppbv	98
53) Toluene	6.936	91	374714	9.805	ppbv	98
54) 1,2-Dibromoethane	7.655	107	205679	10.330	ppbv	99
56) 1,1,1,2-Tetrachloroethane	8.927	131	216010	11.429	ppbv	97
57) Chlorobenzene	8.924	112	286894	10.228	ppbv	100
58) Ethyl Benzene	9.357	91	527991	10.261	ppbv	100
59) m/p-Xylene	9.555	91	864452m	21.062	ppbv	
60) o-Xylene	9.966	91	428248	10.565	ppbv	98
61) Styrene	9.872	104	180052	9.839	ppbv	99
62) Isopropylbenzene	10.542	105	773742	10.564	ppbv	100
63) 1,1,2,2-Tetrachloroethane	9.966	83	273835	10.089	ppbv	99
64) n-propylbenzene	10.992	120	202414	10.438	ppbv	96
65) tert-Butylbenzene	11.532	119	664024	10.266	ppbv	97
66) Benzyl Chloride	11.620	91	66651	9.258	ppbv	98
67) sec-Butylbenzene	11.769	105	948023	10.327	ppbv	99
69) p-Isopropyltoluene	11.927	119	798570	10.237	ppbv	98
70) n-Butylbenzene	12.283	91	800217	10.410	ppbv	99
71) 2-Chlorotoluene	10.901	91	584421	10.461	ppbv	99
72) 4-Ethyltoluene	11.128	105	532971	10.693	ppbv	98
73) 1,3,5-Trimethylbenzene	11.205	105	438651	10.671	ppbv	93
74) 1,2,4-Trimethylbenzene	11.539	105	479281	10.419	ppbv	96
75) 1,3-Dichlorobenzene	11.610	146	291949	10.943	ppbv	99
76) 1,4-Dichlorobenzene	11.675	146	292491	10.872	ppbv	99
77) 1,2-Dichlorobenzene	11.950	146	275403	10.670	ppbv	98
78) Hexachloro-1,3-Butadiene	13.882	225	208179	10.417	ppbv	99
79) Naphthalene	13.516	128	486229	10.113	ppbv	99
80) Naphthalene,2-methyl-	14.462	142	137059	10.942	ppbv	96
81) 1,2,4-Trichlorobenzene	13.442	180	214527	10.750	ppbv	98

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

Manual Integrations

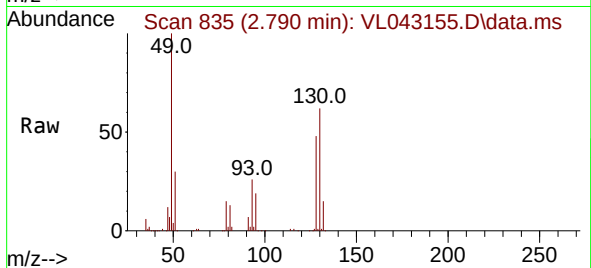
Quant Time: Nov 07 00:16:14 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL101425AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug
QLast Update : Wed Oct 15 02:12:58 2025
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.790 min Scan# 81
Delta R.T. 0.000 min
Lab File: VL043155.D
Acq: 06 Nov 2025 07:19

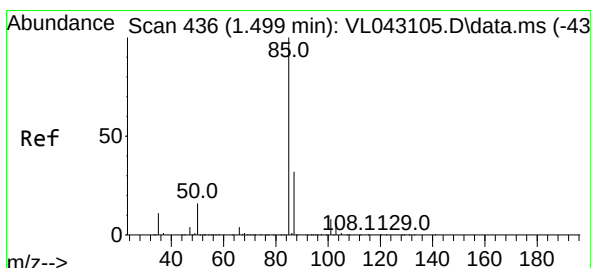
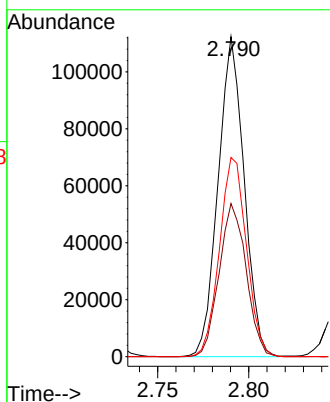
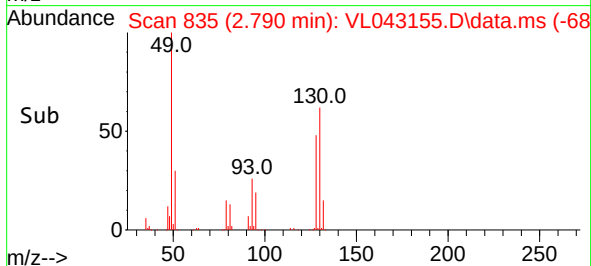
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



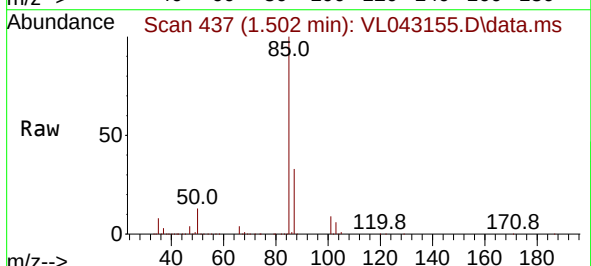
Tgt Ion: 49 Resp: 111679
Ion Ratio Lower Upper
49 100
128 49.7 24.4 73.4
130 64.6 31.0 93.0

Manual Integrations
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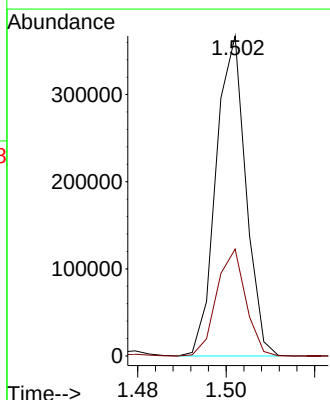
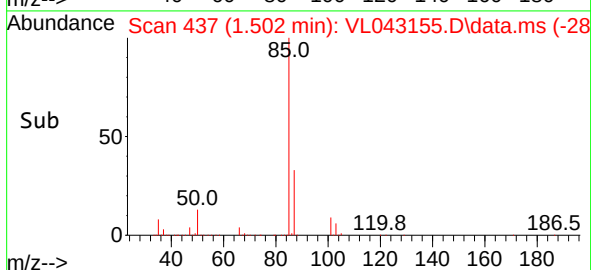
Reviewed By :Semsettin Yesilyurt 11/07/2025
Supervised By :Mahesh Dadoda 11/10/2025

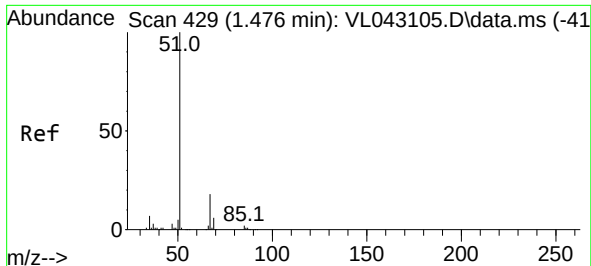


#2
Dichlorodifluoromethane
Concen: 10.832 ppbv
RT: 1.502 min Scan# 437
Delta R.T. 0.003 min
Lab File: VL043155.D
Acq: 06 Nov 2025 07:19



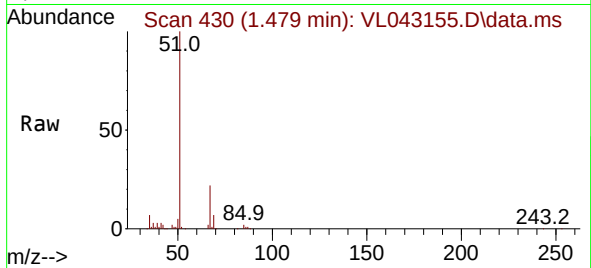
Tgt Ion: 85 Resp: 171973
Ion Ratio Lower Upper
85 100
87 33.4 25.3 37.9





#3
Chlorodifluoromethane
Concen: 10.109 ppbv
RT: 1.479 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL043155.D
Acq: 06 Nov 2025 07:19

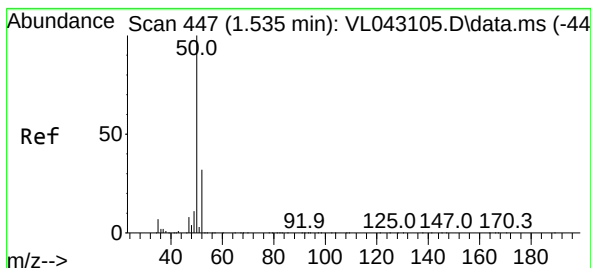
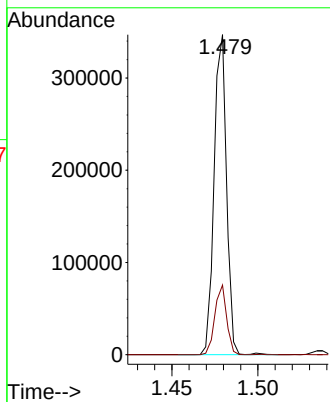
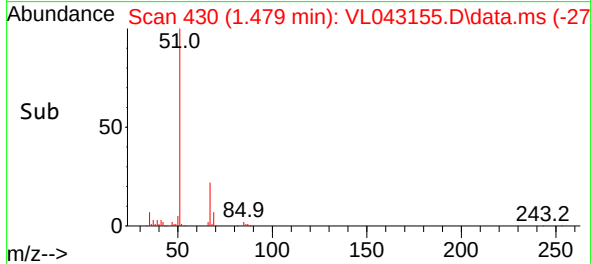
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 51 Resp: 173652
Ion Ratio Lower Upper
51 100
67 20.7 15.1 22.7

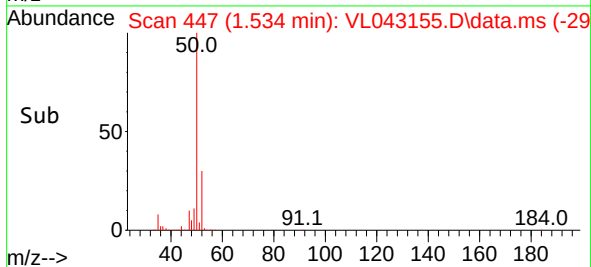
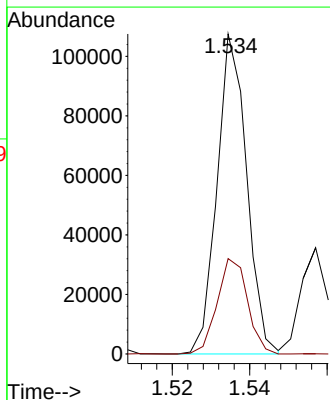
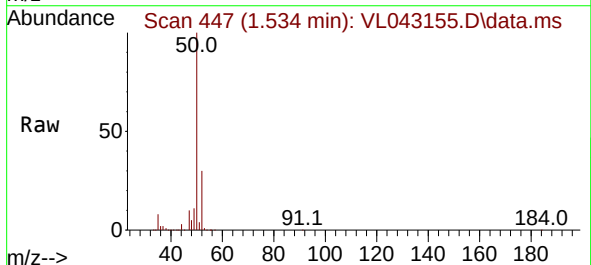
Manual Integrations
APPROVED

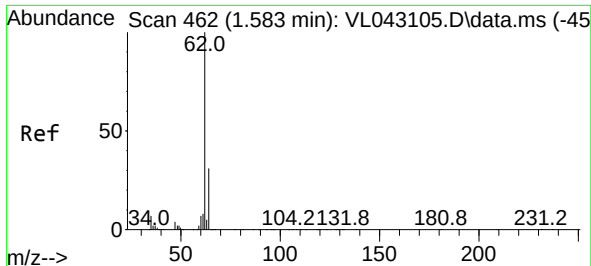
Reviewed By :Semsettin Yesilyurt 11/07/2025
Supervised By :Mahesh Dadoda 11/10/2025



#4
Chloromethane
Concen: 9.075 ppbv
RT: 1.534 min Scan# 447
Delta R.T. -0.000 min
Lab File: VL043155.D
Acq: 06 Nov 2025 07:19

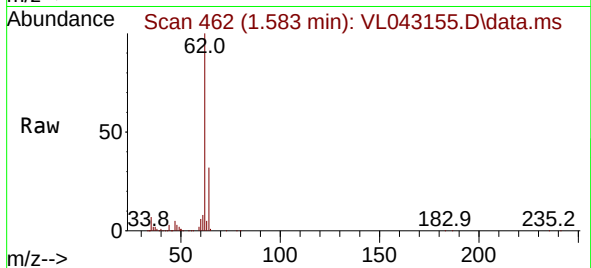
Tgt Ion: 50 Resp: 57078
Ion Ratio Lower Upper
50 100
52 29.8 25.2 37.8





#5
 Vinyl Chloride
 Concen: 9.304 ppbv
 RT: 1.583 min Scan# 462
 Delta R.T. -0.000 min
 Lab File: VL043155.D
 Acq: 06 Nov 2025 07:19

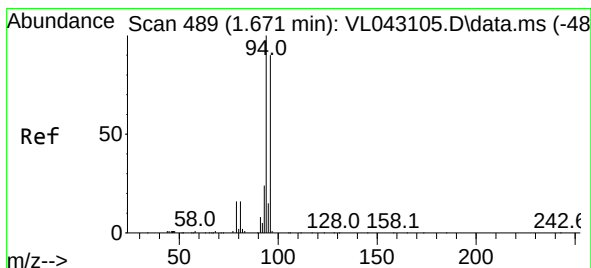
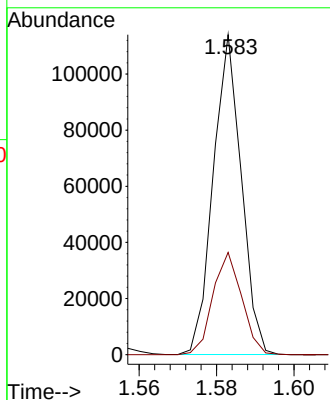
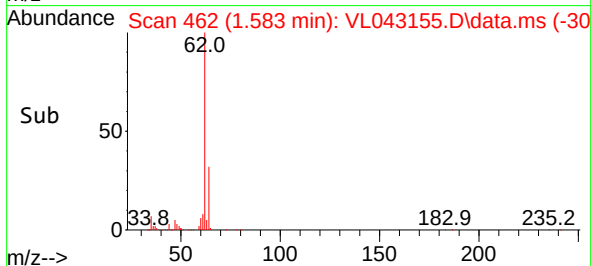
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



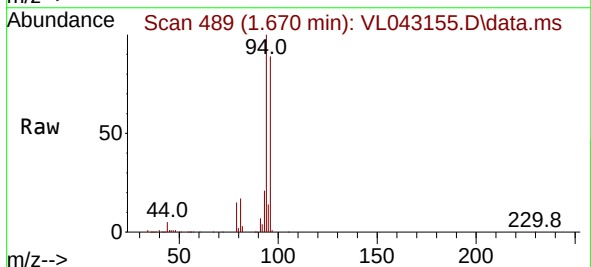
Tgt Ion: 62 Resp: 57398
 Ion Ratio Lower Upper
 62 100
 64 32.0 24.6 36.8

Manual Integrations
 APPROVED

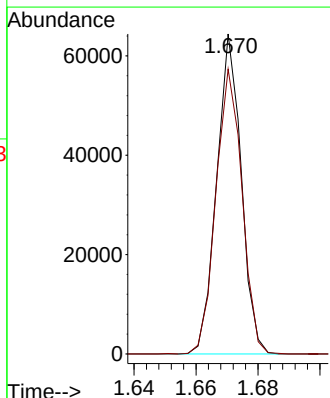
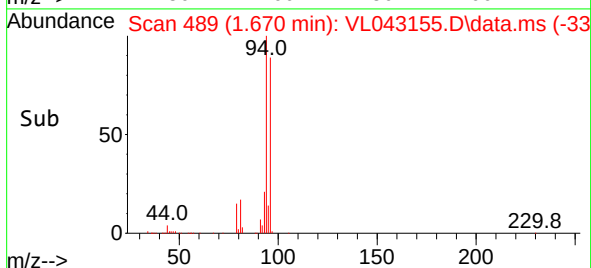
Reviewed By :Semsettin Yesilyurt 11/07/2025
 Supervised By :Mahesh Dadoda 11/10/2025

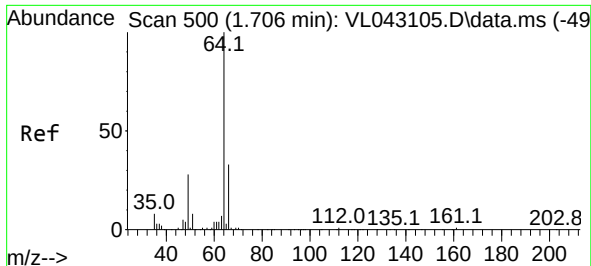


#6
 Bromomethane
 Concen: 10.482 ppbv
 RT: 1.670 min Scan# 489
 Delta R.T. -0.000 min
 Lab File: VL043155.D
 Acq: 06 Nov 2025 07:19



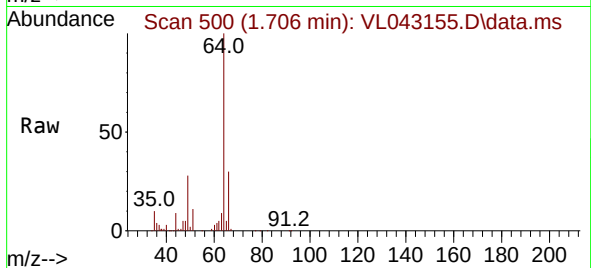
Tgt Ion: 94 Resp: 35458
 Ion Ratio Lower Upper
 94 100
 96 89.0 72.2 108.4





#7
Chloroethane
Concen: 9.123 ppbv
RT: 1.706 min Scan# 500
Delta R.T. -0.000 min
Lab File: VL043155.D
Acq: 06 Nov 2025 07:19

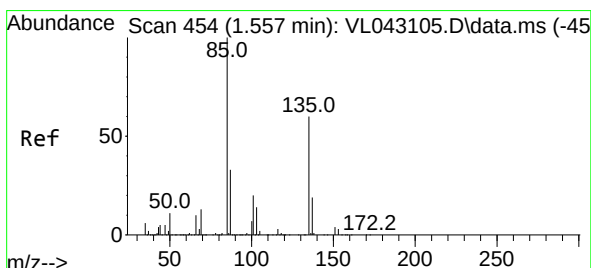
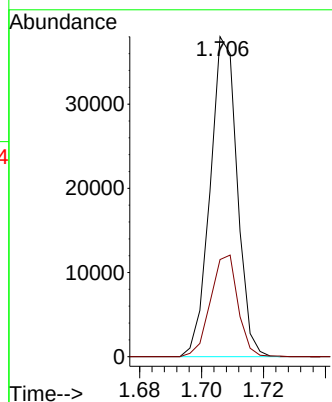
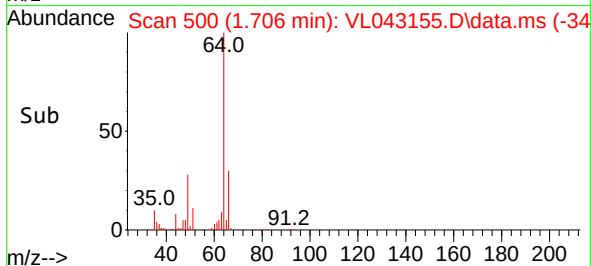
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 64 Resp: 23010
Ion Ratio Lower Upper
64 100
66 30.4 26.0 39.0

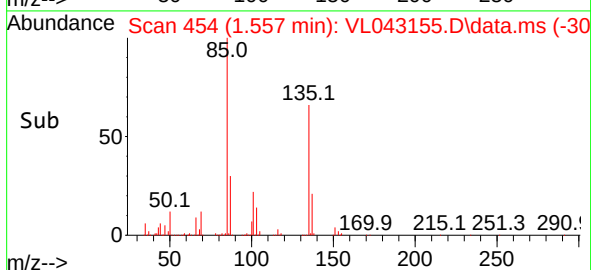
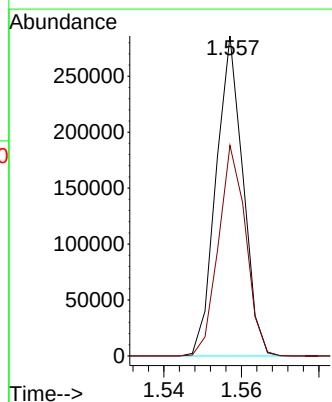
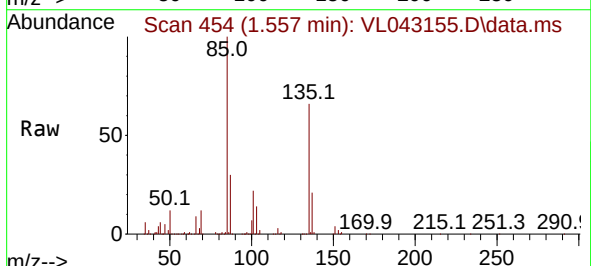
Manual Integrations
APPROVED

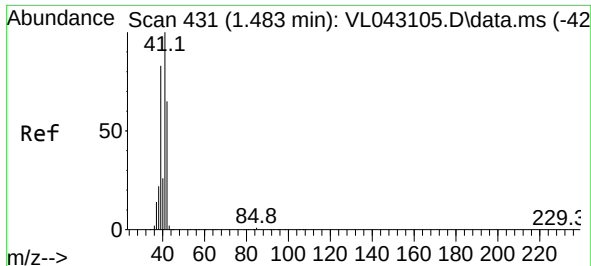
Reviewed By :Semsettin Yesilyurt 11/07/2025
Supervised By :Mahesh Dadoda 11/10/2025



#8
Dichlorotetrafluoroethane
Concen: 10.753 ppbv
RT: 1.557 min Scan# 454
Delta R.T. -0.000 min
Lab File: VL043155.D
Acq: 06 Nov 2025 07:19

Tgt Ion: 85 Resp: 137989
Ion Ratio Lower Upper
85 100
135 67.0 48.2 72.4





#9

Propene

Concen: 8.370 ppbv

RT: 1.486 min Scan# 41

Delta R.T. 0.003 min

Lab File: VL043155.D

Acq: 06 Nov 2025 07:19

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 41 Resp: 6376

Ion Ratio Lower Upper

41 100

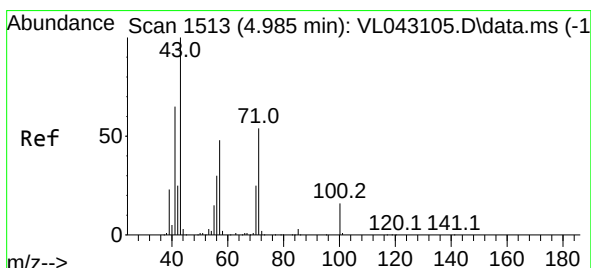
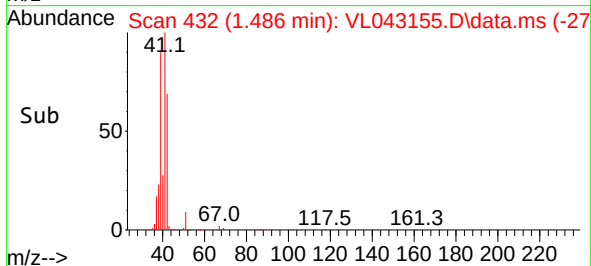
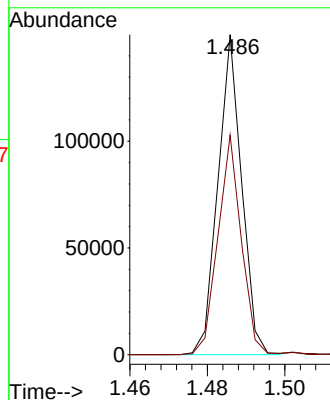
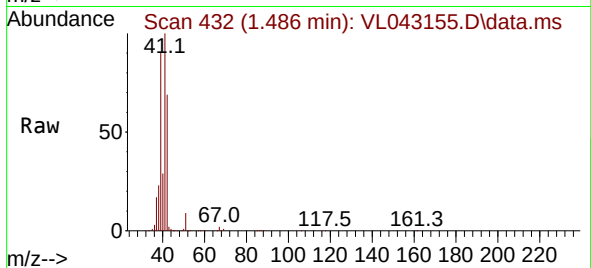
42 68.3 55.1 82.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/07/2025

Supervised By :Mahesh Dadoda 11/10/2025



#10

Heptane

Concen: 8.579 ppbv

RT: 4.985 min Scan# 1513

Delta R.T. -0.000 min

Lab File: VL043155.D

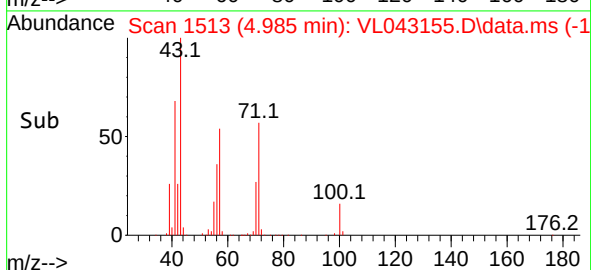
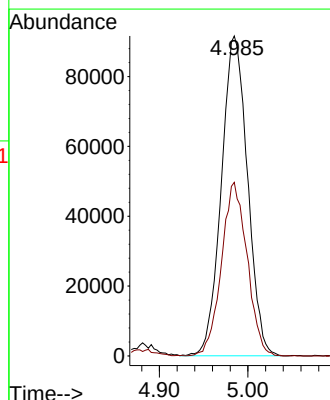
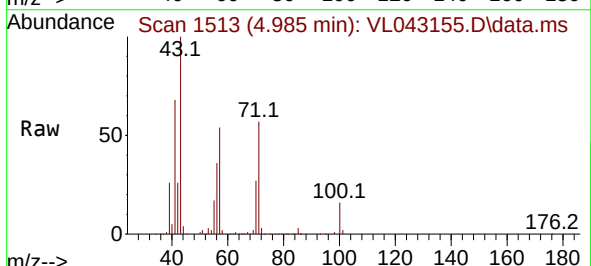
Acq: 06 Nov 2025 07:19

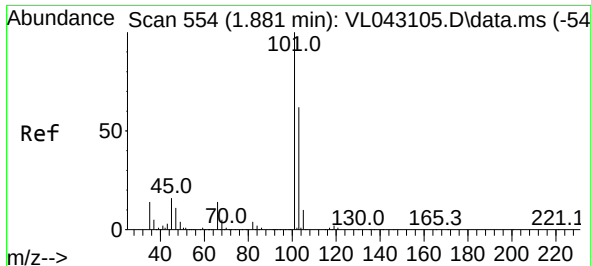
Tgt Ion: 43 Resp: 188172

Ion Ratio Lower Upper

43 100

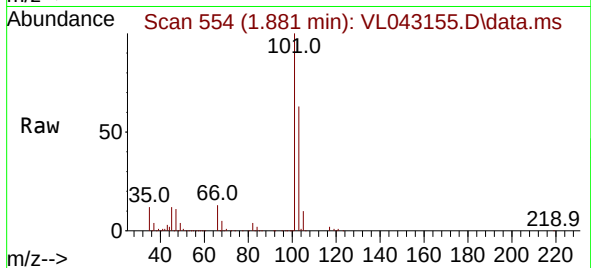
57 53.2 40.8 61.2





#11
 Trichlorofluoromethane
 Concen: 11.925 ppbv
 RT: 1.881 min Scan# 554
 Delta R.T. -0.000 min
 Lab File: VL043155.D
 Acq: 06 Nov 2025 07:19

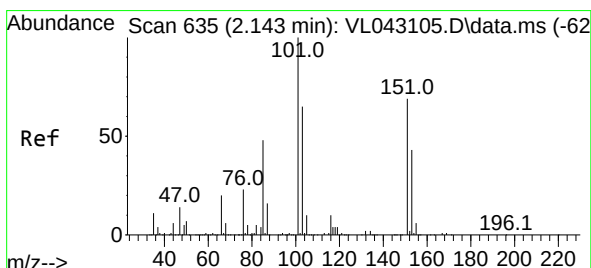
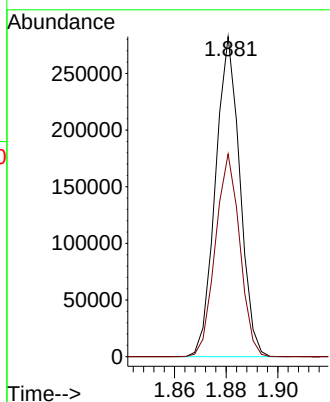
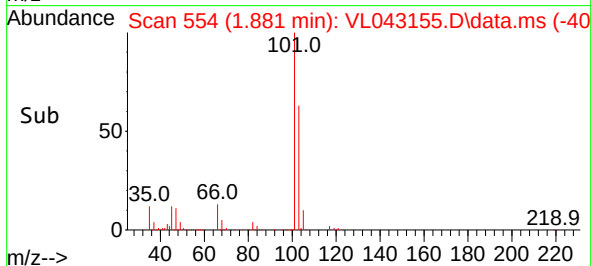
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



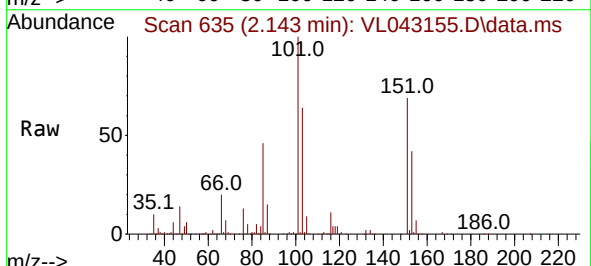
Tgt Ion:101 Resp: 185190
 Ion Ratio Lower Upper
 101 100
 103 63.3 49.3 73.9

Manual Integrations
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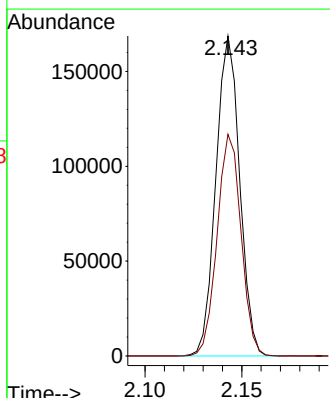
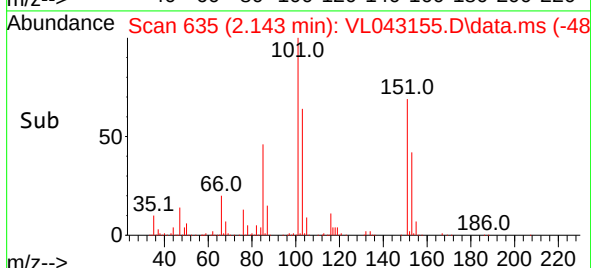
Reviewed By :Semsettin Yesilyurt 11/07/2025
 Supervised By :Mahesh Dadoda 11/10/2025

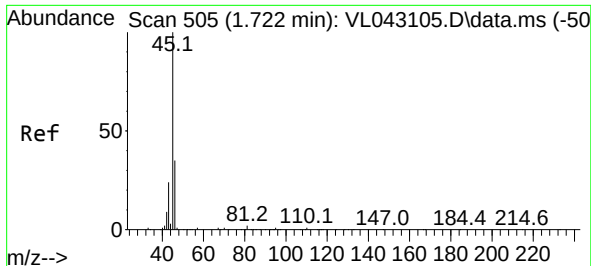


#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 11.519 ppbv
 RT: 2.143 min Scan# 635
 Delta R.T. -0.000 min
 Lab File: VL043155.D
 Acq: 06 Nov 2025 07:19



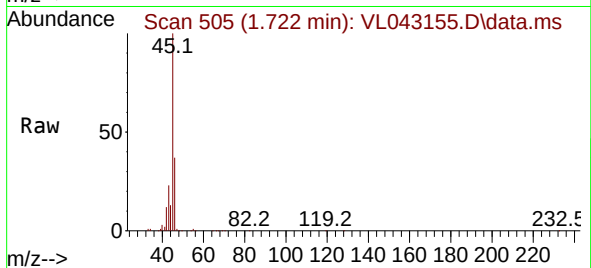
Tgt Ion:101 Resp: 144020
 Ion Ratio Lower Upper
 101 100
 151 69.5 54.7 82.1





#13
Ethanol
Concen: 7.389 ppbv
RT: 1.722 min Scan# 505
Delta R.T. -0.000 min
Lab File: VL043155.D
Acq: 06 Nov 2025 07:19

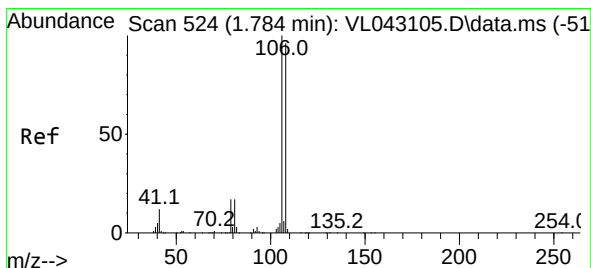
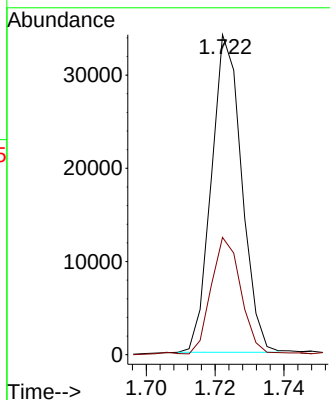
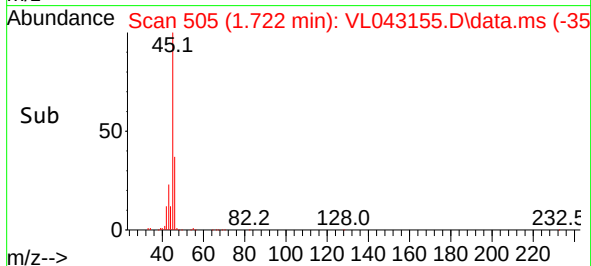
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



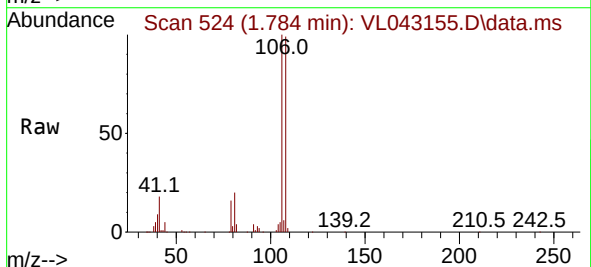
Tgt Ion: 45 Resp: 2082
Ion Ratio Lower Upper
45 100
46 38.0 14.7 58.9

Manual Integrations
APPROVED

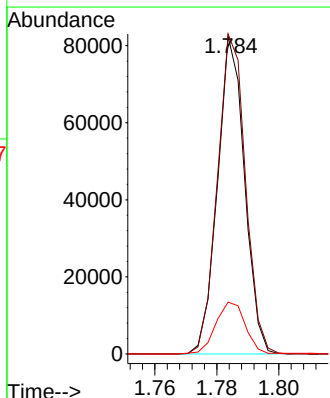
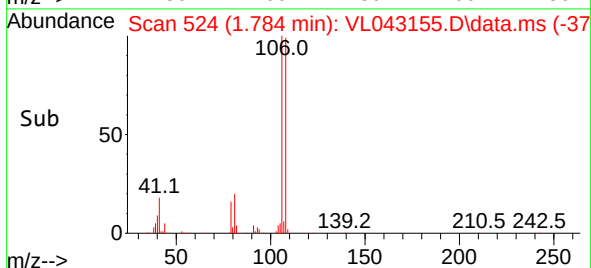
Reviewed By :Semsettin Yesilyurt 11/07/2025
Supervised By :Mahesh Dadoda 11/10/2025

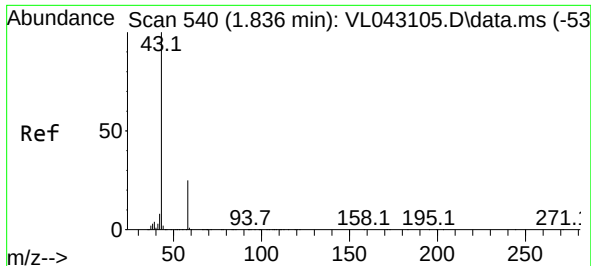


#14
Bromoethene
Concen: 10.750 ppbv
RT: 1.784 min Scan# 524
Delta R.T. -0.000 min
Lab File: VL043155.D
Acq: 06 Nov 2025 07:19



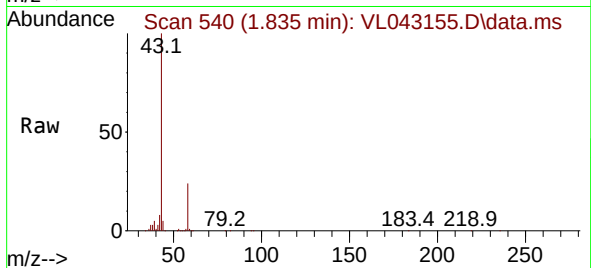
Tgt Ion:108 Resp: 49929
Ion Ratio Lower Upper
108 100
106 104.4 84.4 126.6
79 18.3 15.3 22.9





#15
Acetone
Concen: 9.072 ppbv
RT: 1.835 min Scan# 540
Delta R.T. -0.000 min
Lab File: VL043155.D
Acq: 06 Nov 2025 07:19

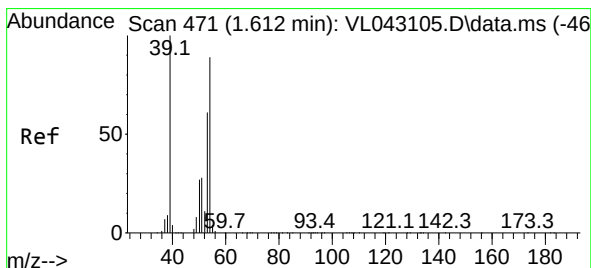
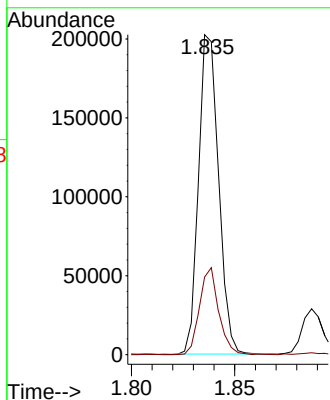
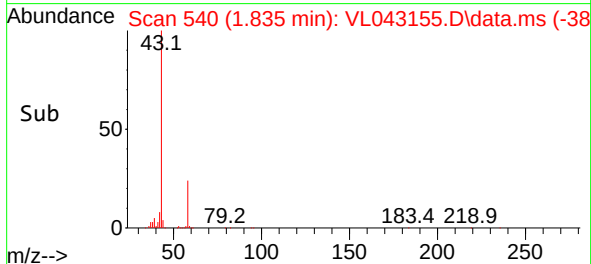
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 43 Resp: 13655
Ion Ratio Lower Upper
43 100
58 26.2 20.8 31.2

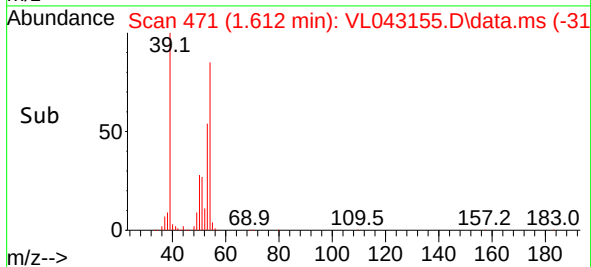
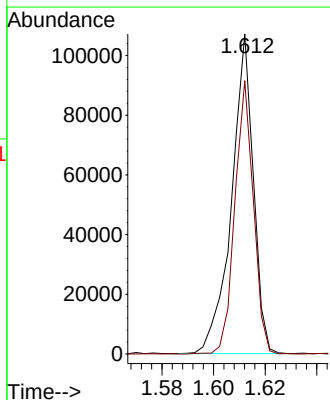
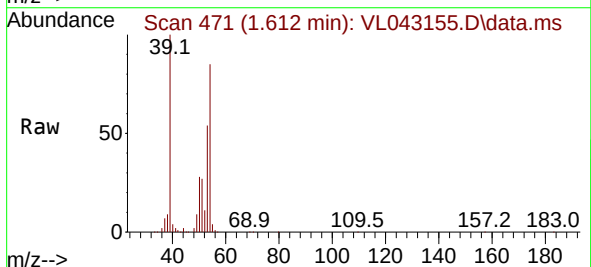
Manual Integrations
APPROVED

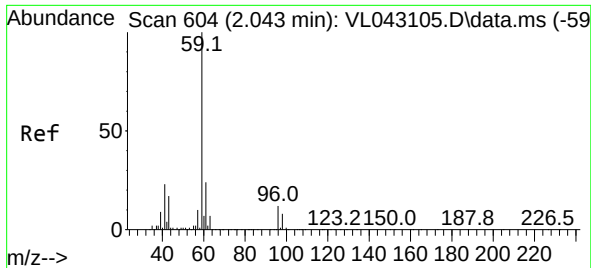
Reviewed By :Semsettin Yesilyurt 11/07/2025
Supervised By :Mahesh Dadoda 11/10/2025



#16
1,3-Butadiene
Concen: 8.785 ppbv
RT: 1.612 min Scan# 471
Delta R.T. -0.000 min
Lab File: VL043155.D
Acq: 06 Nov 2025 07:19

Tgt Ion: 39 Resp: 63019
Ion Ratio Lower Upper
39 100
54 72.9 59.0 88.4





#17

tert-Butyl alcohol

Concen: 9.889 ppbv

RT: 2.043 min Scan# 604

Delta R.T. -0.000 min

Lab File: VL043155.D

Acq: 06 Nov 2025 07:19

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 59 Resp: 204329

Ion Ratio Lower Upper

59 100

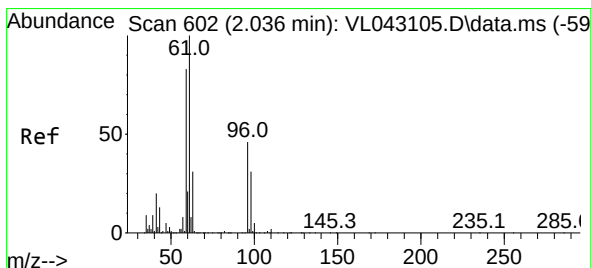
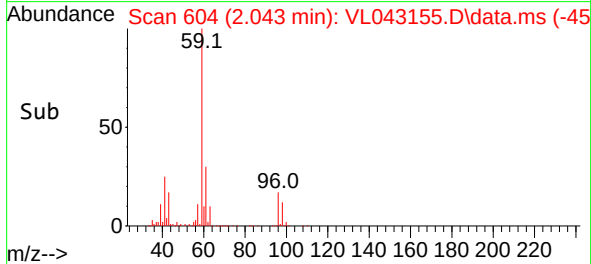
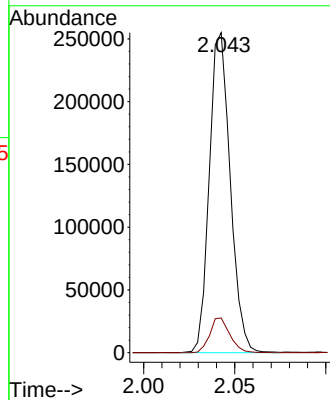
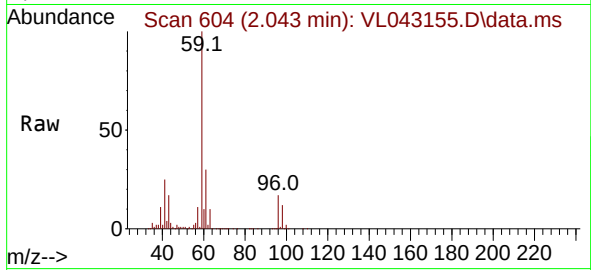
57 10.4 8.2 12.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/07/2025

Supervised By :Mahesh Dadoda 11/10/2025



#18

1,1-Dichloroethene

Concen: 11.030 ppbv

RT: 2.036 min Scan# 602

Delta R.T. -0.000 min

Lab File: VL043155.D

Acq: 06 Nov 2025 07:19

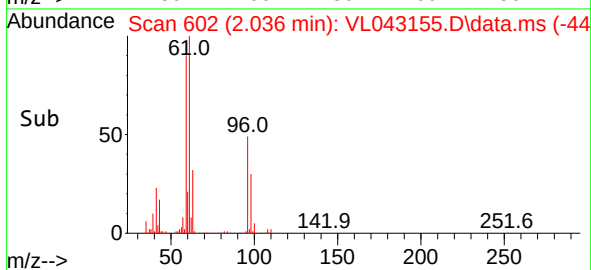
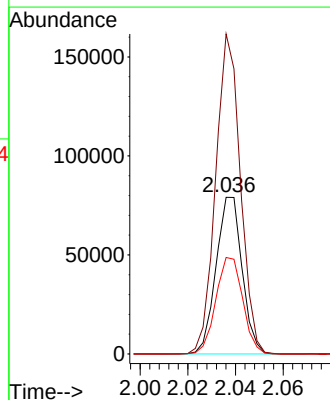
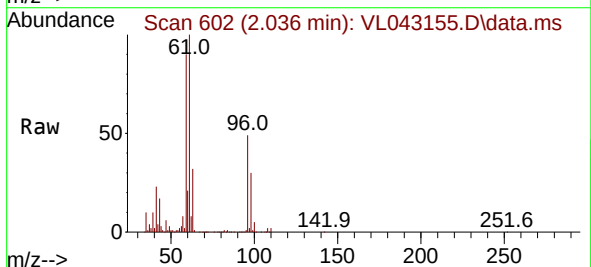
Tgt Ion: 96 Resp: 60122

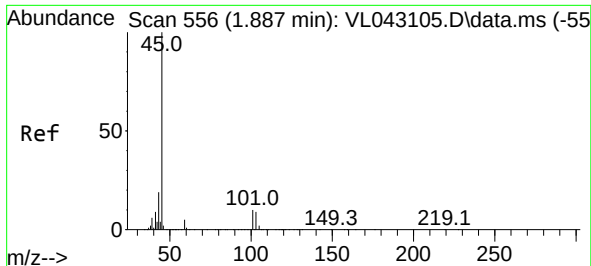
Ion Ratio Lower Upper

96 100

61 204.3 173.4 260.0

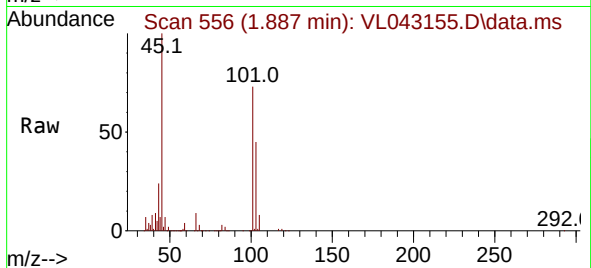
98 61.6 53.2 79.8





#19
Isopropyl Alcohol
Concen: 8.736 ppbv
RT: 1.887 min Scan# 511
Delta R.T. -0.000 min
Lab File: VL043155.D
Acq: 06 Nov 2025 07:19

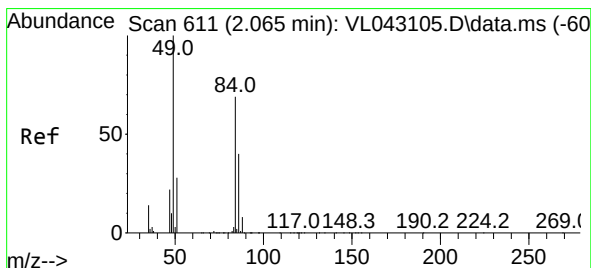
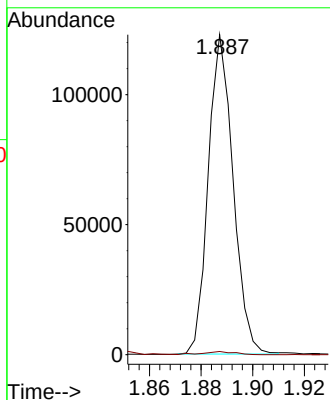
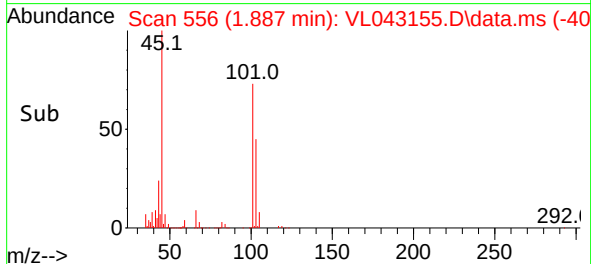
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



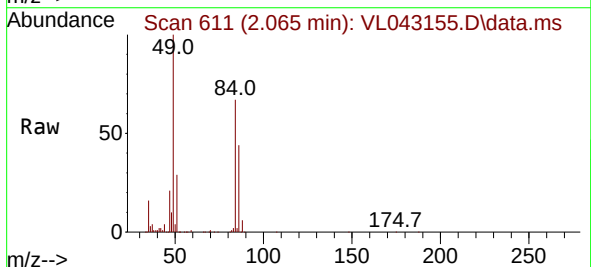
Tgt Ion: 45 Resp: 81900
Ion Ratio Lower Upper
45 100
58 43.6 31.3 46.9

Manual Integrations
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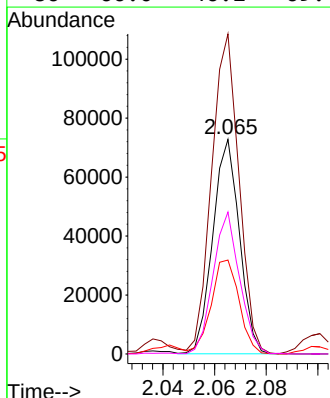
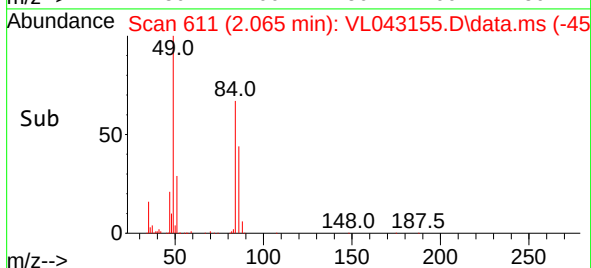
Reviewed By :Semsettin Yesilyurt 11/07/2025
Supervised By :Mahesh Dadoda 11/10/2025

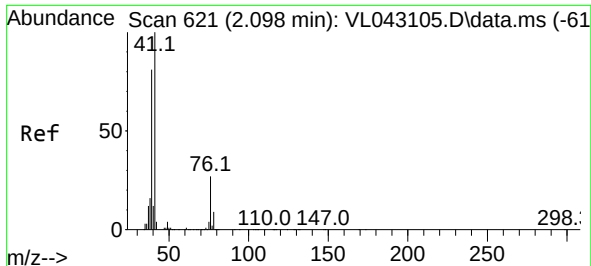


#20
Methylene Chloride
Concen: 8.774 ppbv
RT: 2.065 min Scan# 611
Delta R.T. -0.000 min
Lab File: VL043155.D
Acq: 06 Nov 2025 07:19



Tgt Ion: 84 Resp: 52206
Ion Ratio Lower Upper
84 100
49 149.2 116.6 175.0
51 43.7 34.8 52.2
86 66.0 46.2 69.4





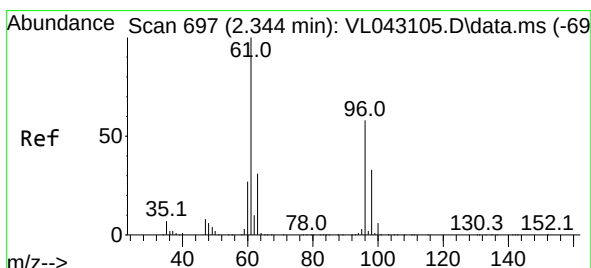
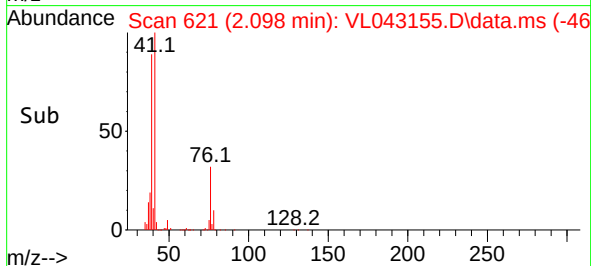
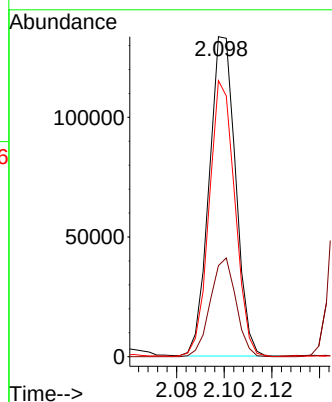
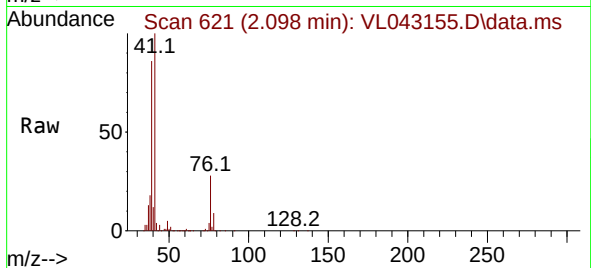
#21
 Allyl Chloride
 Concen: 9.309 ppbv
 RT: 2.098 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: VL043155.D
 Acq: 06 Nov 2025 07:19

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 41 Resp: 10325
 Ion Ratio Lower Upper
 41 100
 76 29.9 21.5 32.3
 39 83.3 60.8 91.2

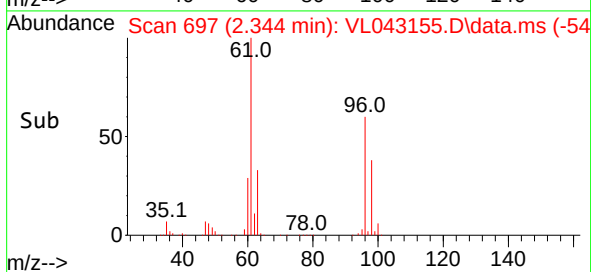
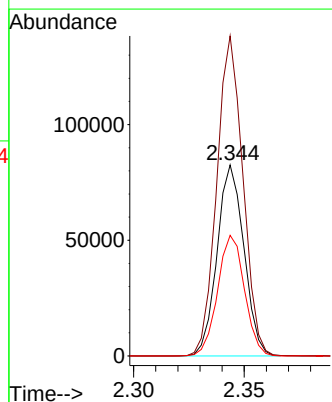
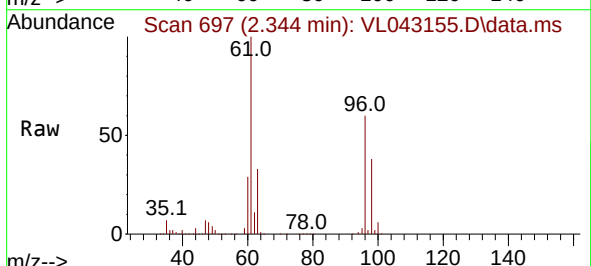
Manual Integrations
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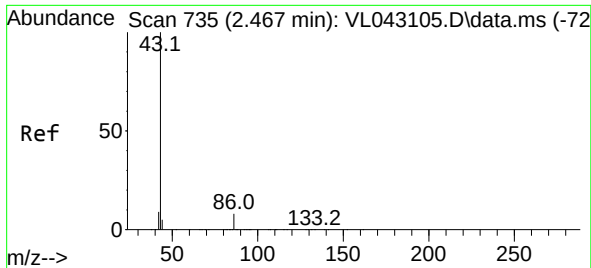
Reviewed By :Semsettin Yesilyurt 11/07/2025
 Supervised By :Mahesh Dadoda 11/10/2025



#22
 trans-1,2-Dichloroethene
 Concen: 10.686 ppbv
 RT: 2.344 min Scan# 697
 Delta R.T. -0.000 min
 Lab File: VL043155.D
 Acq: 06 Nov 2025 07:19

Tgt Ion: 96 Resp: 69627
 Ion Ratio Lower Upper
 96 100
 61 167.5 137.0 205.6
 98 63.2 45.5 68.3





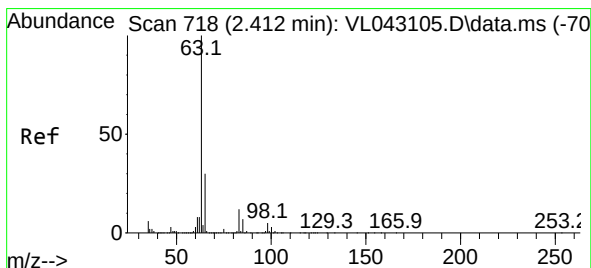
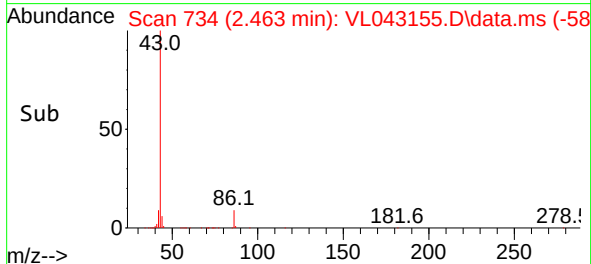
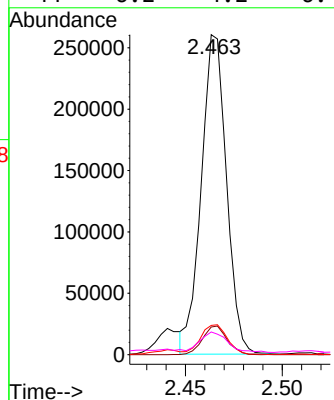
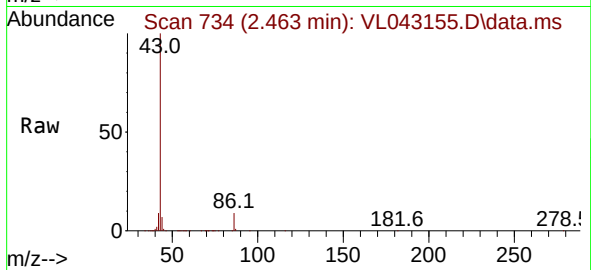
#23
 Vinyl Acetate
 Concen: 10.726 ppbv
 RT: 2.463 min Scan# 718
 Delta R.T. -0.003 min
 Lab File: VL043155.D
 Acq: 06 Nov 2025 07:19

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 43 Resp: 236500
 Ion Ratio Lower Upper
 43 100
 86 8.7 6.2 9.2
 42 9.1 7.6 11.4
 44 6.2 4.2 6.4

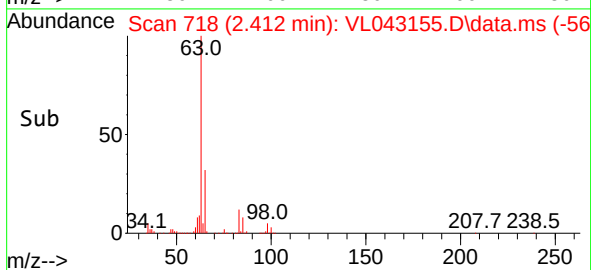
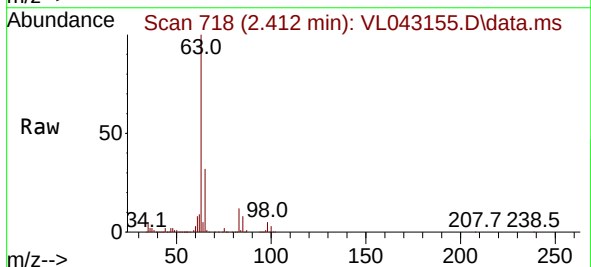
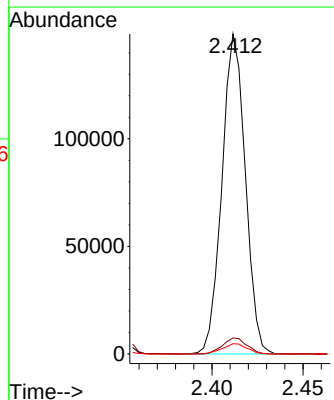
Manual Integrations
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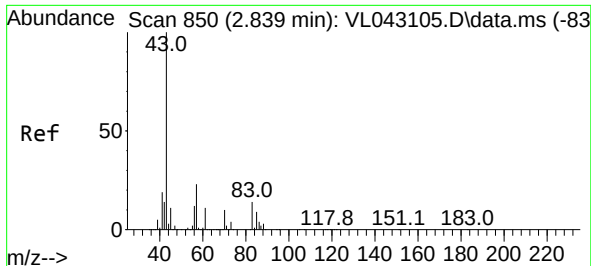
Reviewed By :Semsettin Yesilyurt 11/07/2025
 Supervised By :Mahesh Dadoda 11/10/2025



#24
 1,1-Dichloroethane
 Concen: 10.535 ppbv
 RT: 2.412 min Scan# 718
 Delta R.T. -0.000 min
 Lab File: VL043155.D
 Acq: 06 Nov 2025 07:19

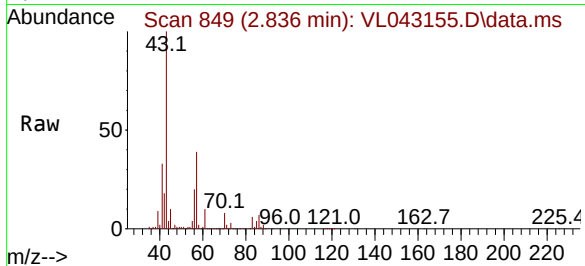
Tgt Ion: 63 Resp: 132624
 Ion Ratio Lower Upper
 63 100
 98 5.0 2.6 7.8
 100 3.2 1.5 4.4





#25
Ethyl Acetate
Concen: 9.452 ppbv
RT: 2.836 min Scan# 849
Delta R.T. -0.003 min
Lab File: VL043155.D
Acq: 06 Nov 2025 07:19

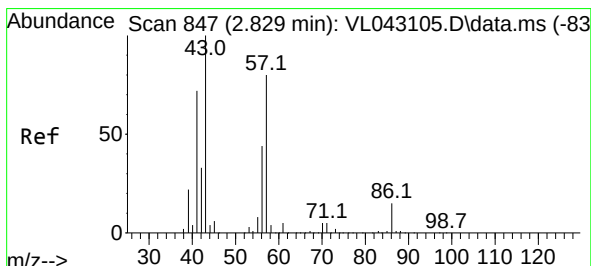
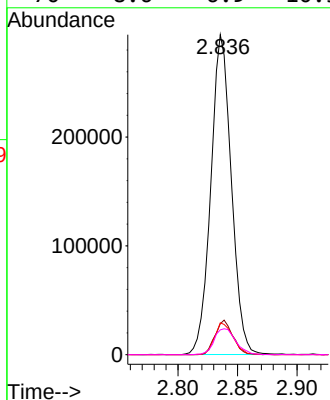
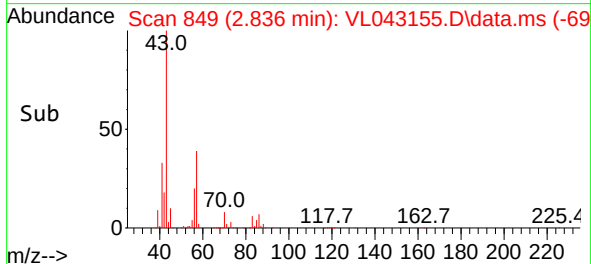
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



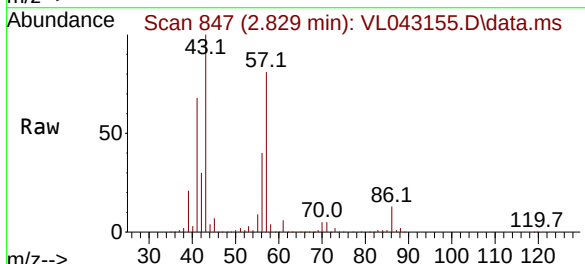
Tgt Ion:	43	Resp:	35282
Ion Ratio	100	Lower	Upper
43	100		
45	9.4	7.8	11.8
61	9.0	7.0	10.6
70	8.6	6.9	10.3

Manual Integrations
APPROVED

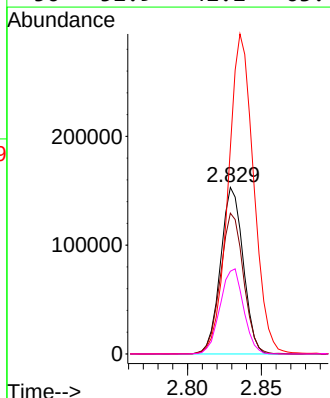
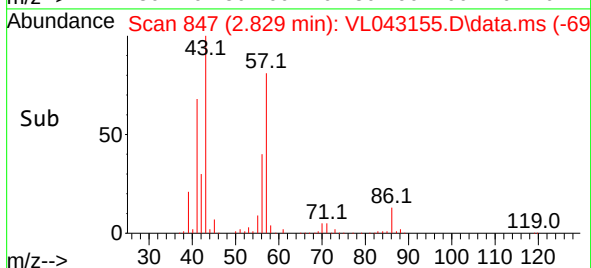
Reviewed By :Semsettin Yesilyurt 11/07/2025
Supervised By :Mahesh Dadoda 11/10/2025

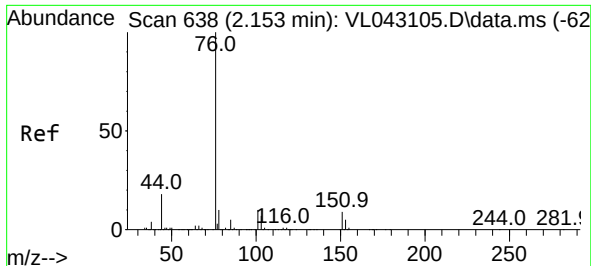


#26
Hexane
Concen: 9.508 ppbv
RT: 2.829 min Scan# 847
Delta R.T. -0.000 min
Lab File: VL043155.D
Acq: 06 Nov 2025 07:19



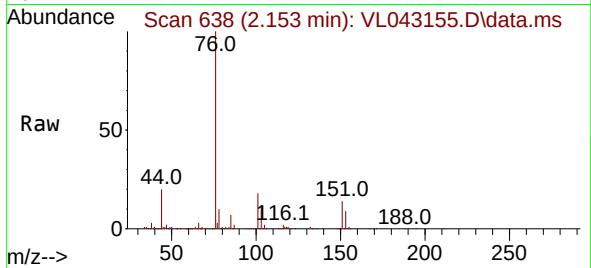
Tgt Ion:	57	Resp:	163545
Ion Ratio	100	Lower	Upper
57	100		
41	87.0	71.4	107.0
43	216.3	178.5	267.7
56	52.9	42.2	63.4





#27
Carbon Disulfide
Concen: 10.684 ppbv
RT: 2.153 min Scan# 638
Delta R.T. -0.000 min
Lab File: VL043155.D
Acq: 06 Nov 2025 07:19

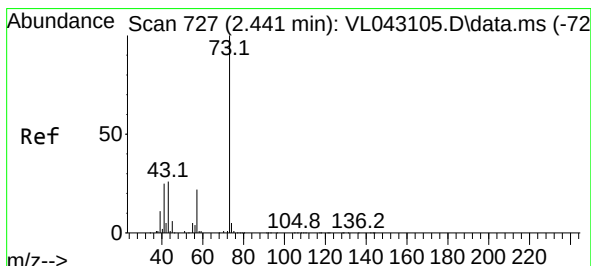
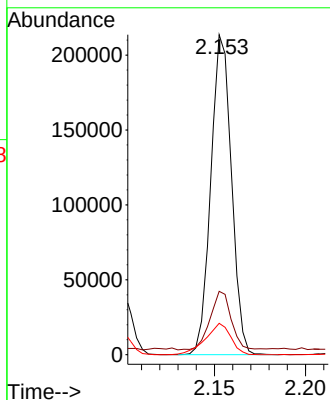
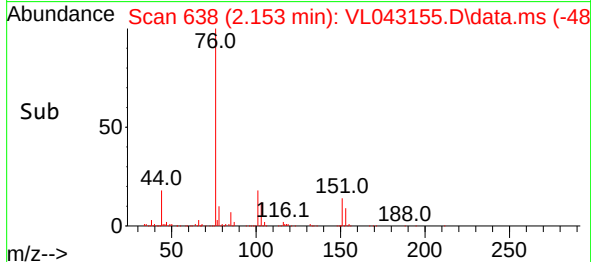
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 76 Resp: 168378
Ion Ratio Lower Upper
76 100
44 19.4 16.7 25.1
78 12.0 9.3 13.9

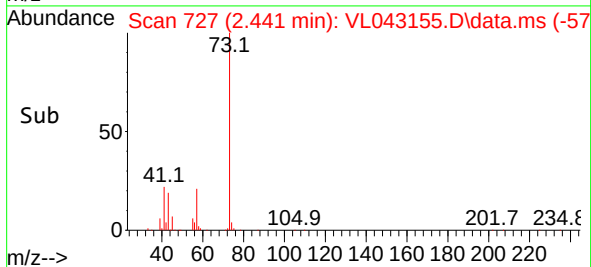
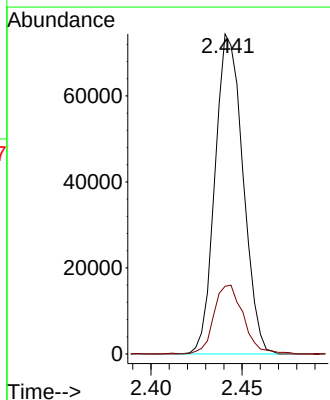
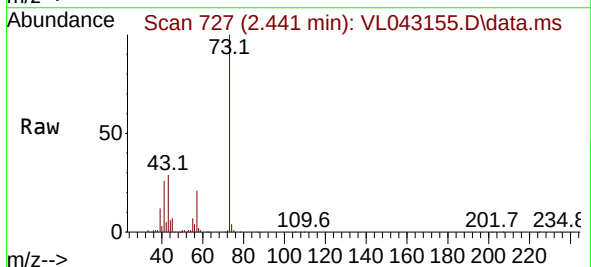
Manual Integrations
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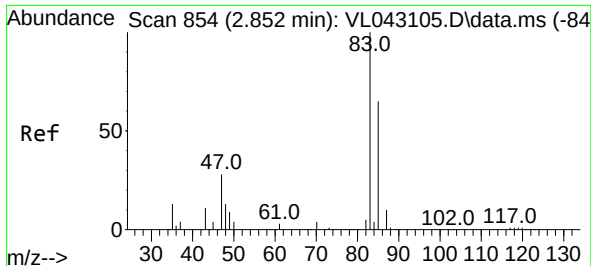
Reviewed By :Semsettin Yesilyurt 11/07/2025
Supervised By :Mahesh Dadoda 11/10/2025



#28
Methyl tert-Butyl Ether
Concen: 10.158 ppbv
RT: 2.441 min Scan# 727
Delta R.T. -0.000 min
Lab File: VL043155.D
Acq: 06 Nov 2025 07:19

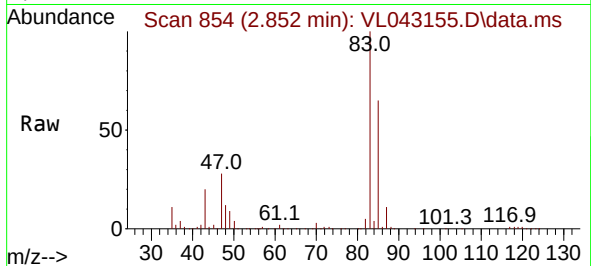
Tgt Ion: 73 Resp: 79492
Ion Ratio Lower Upper
73 100
57 22.8 20.5 30.7





#29
Chloroform
Concen: 10.919 ppbv
RT: 2.852 min Scan# 854
Delta R.T. -0.000 min
Lab File: VL043155.D
Acq: 06 Nov 2025 07:19

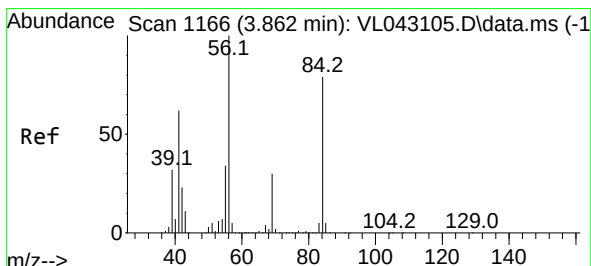
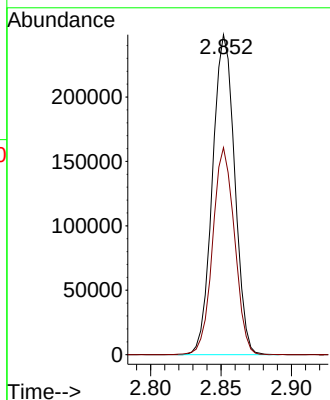
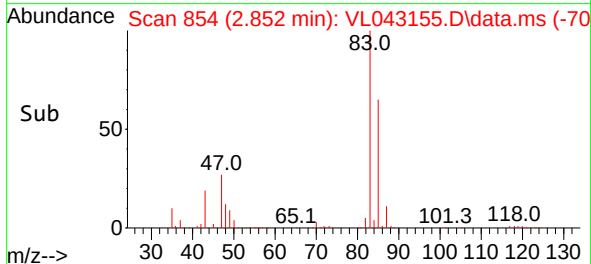
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



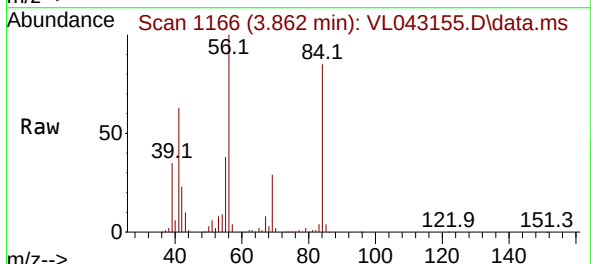
Tgt Ion: 83 Resp: 272134
Ion Ratio Lower Upper
83 100
85 64.7 51.8 77.6

Manual Integrations
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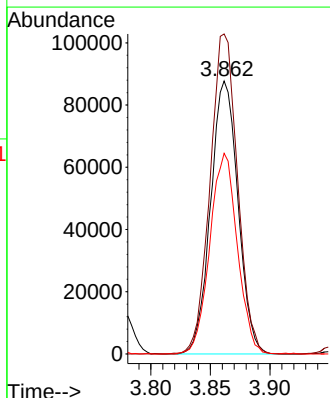
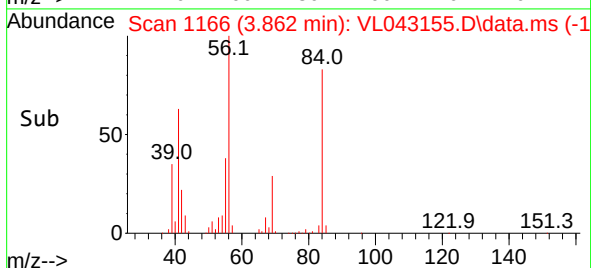
Reviewed By :Semsettin Yesilyurt 11/07/2025
Supervised By :Mahesh Dadoda 11/10/2025

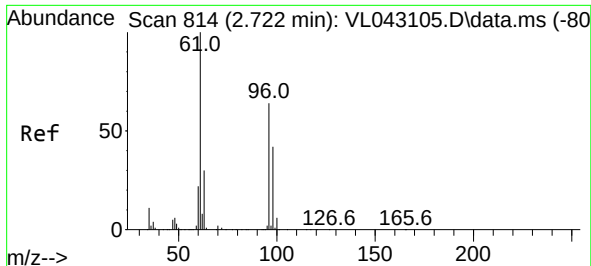


#30
Cyclohexane
Concen: 9.341 ppbv
RT: 3.862 min Scan# 1166
Delta R.T. -0.000 min
Lab File: VL043155.D
Acq: 06 Nov 2025 07:19



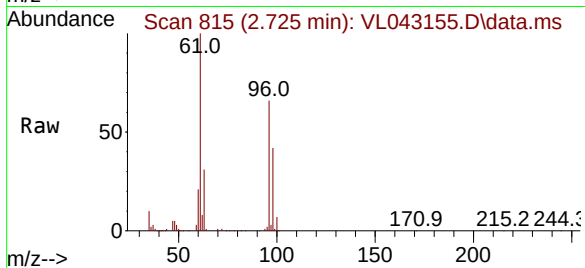
Tgt Ion: 84 Resp: 140232
Ion Ratio Lower Upper
84 100
56 117.5 100.9 151.3
41 73.7 63.8 95.6





#31
 cis-1,2-Dichloroethene
 Concen: 10.263 ppbv
 RT: 2.725 min Scan# 814
 Delta R.T. 0.003 min
 Lab File: VL043155.D
 Acq: 06 Nov 2025 07:19

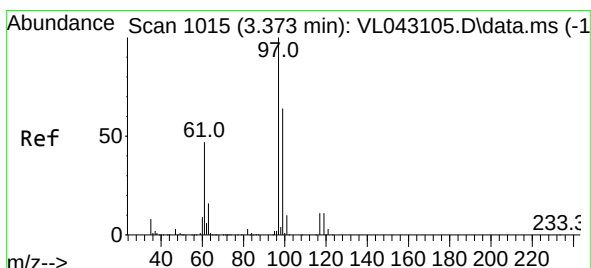
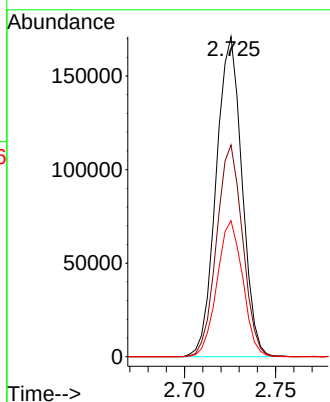
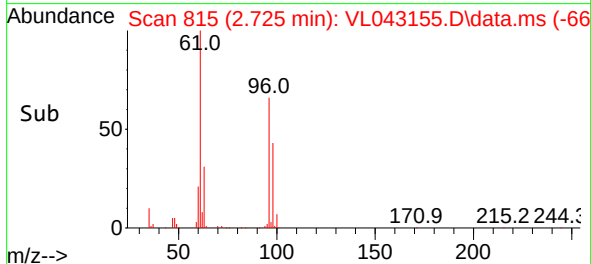
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion: 61 Resp: 16857
 Ion Ratio Lower Upper
 61 100
 96 66.1 51.0 76.6
 98 42.5 33.5 50.3

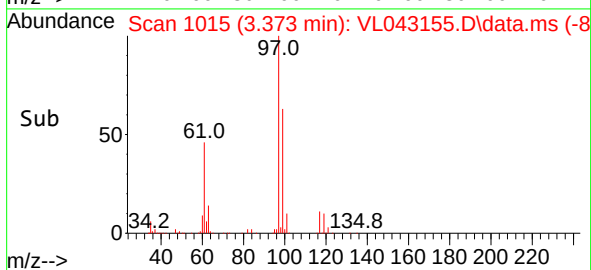
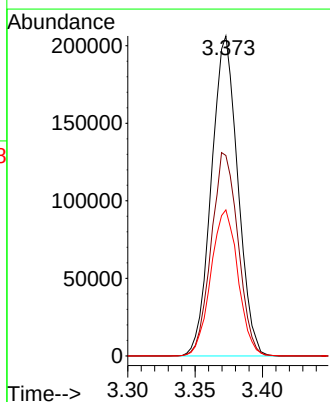
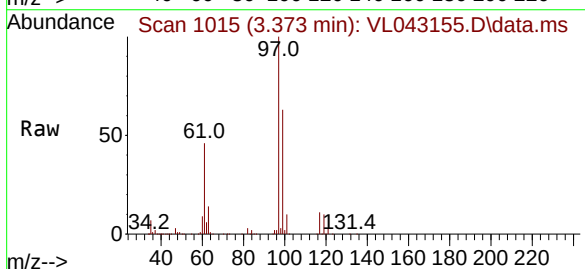
Manual Integrations
 APPROVED

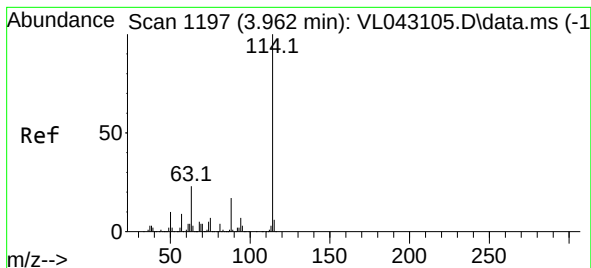
Reviewed By :Semsettin Yesilyurt 11/07/2025
 Supervised By :Mahesh Dadoda 11/10/2025



#32
 1,1,1-Trichloroethane
 Concen: 10.844 ppbv
 RT: 3.373 min Scan# 1015
 Delta R.T. -0.000 min
 Lab File: VL043155.D
 Acq: 06 Nov 2025 07:19

Tgt Ion: 97 Resp: 281440
 Ion Ratio Lower Upper
 97 100
 99 64.5 51.3 76.9
 61 47.1 38.4 57.6





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.962 min Scan# 1197

Delta R.T. -0.000 min

Lab File: VL043155.D

Acq: 06 Nov 2025 07:19

Instrument :

MSVOA_L

ClientSampleId :

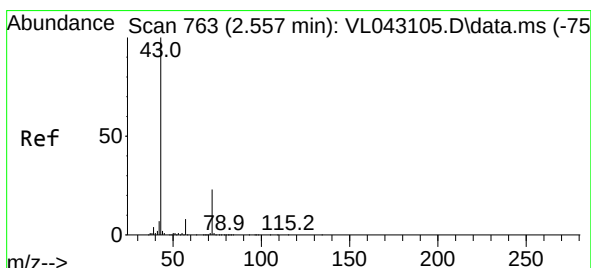
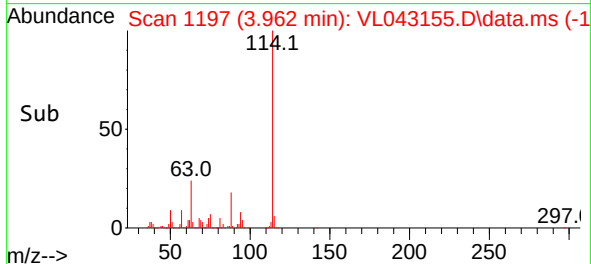
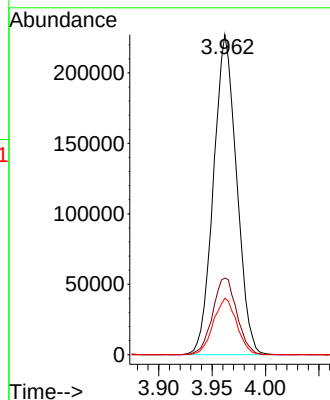
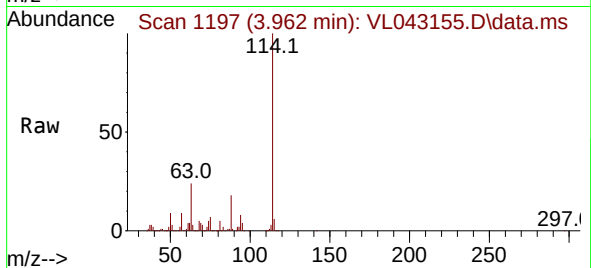
VSTDCCC010

Tgt Ion:	114	Resp:	34187
Ion Ratio	Lower	Upper	
114	100		
63	25.1	19.3	28.9
88	17.8	13.9	20.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/07/2025
Supervised By :Mahesh Dadoda 11/10/2025



#34

2-Butanone

Concen: 10.242 ppbv

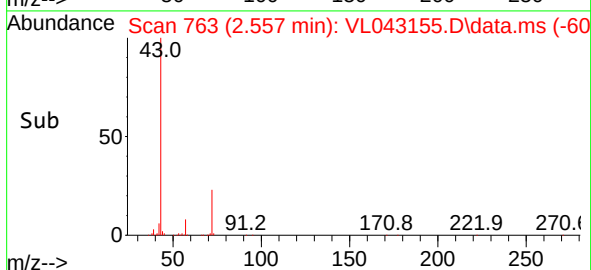
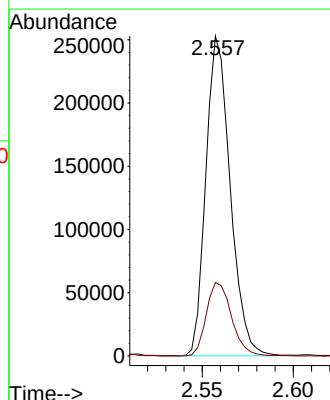
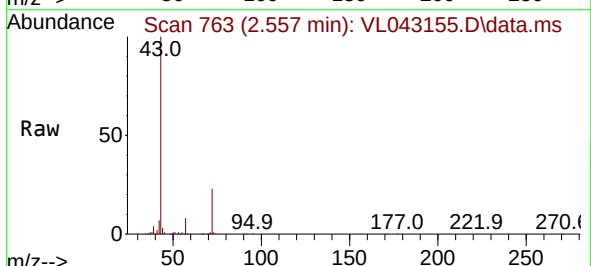
RT: 2.557 min Scan# 763

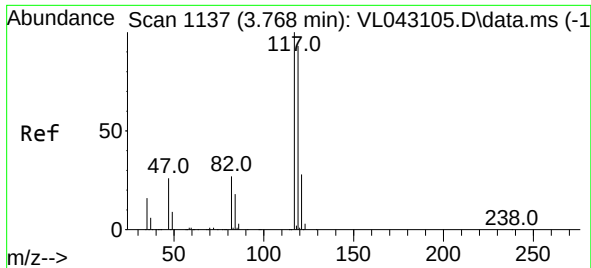
Delta R.T. -0.000 min

Lab File: VL043155.D

Acq: 06 Nov 2025 07:19

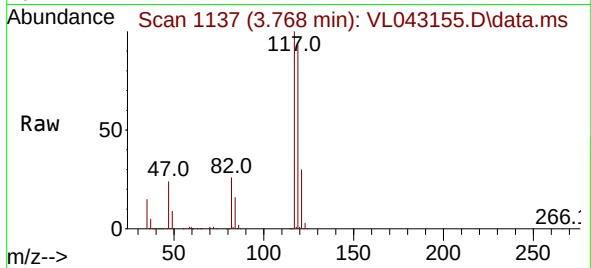
Tgt Ion:	43	Resp:	235359
Ion Ratio	Lower	Upper	
43	100		
72	23.8	18.4	27.6





#35
Carbon Tetrachloride
Concen: 11.845 ppbv
RT: 3.768 min Scan# 1137
Delta R.T. -0.000 min
Lab File: VL043155.D
Acq: 06 Nov 2025 07:19

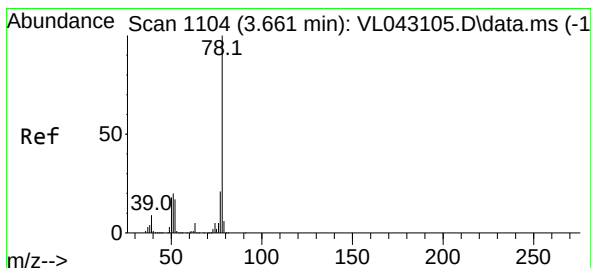
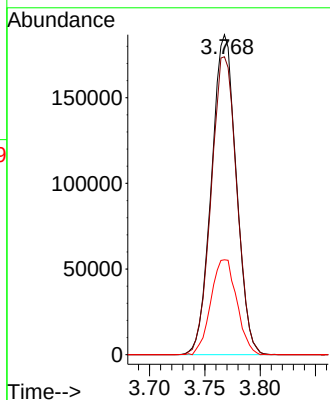
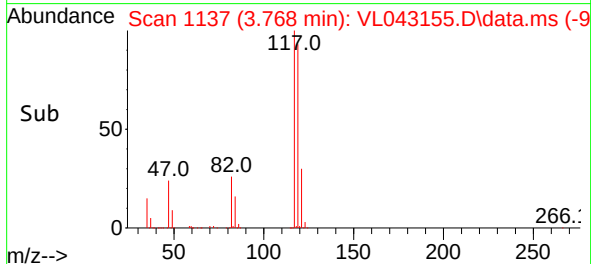
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 117 Resp: 291148
Ion Ratio Lower Upper
117 100
119 93.1 74.1 111.1
121 29.6 22.2 33.2

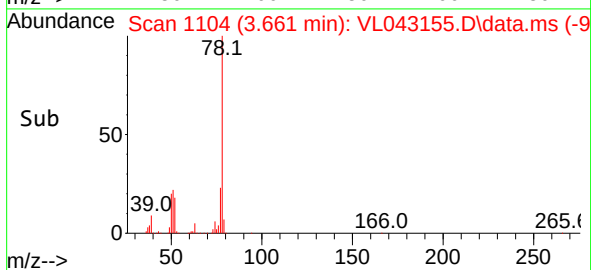
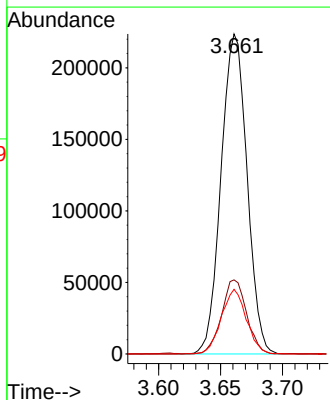
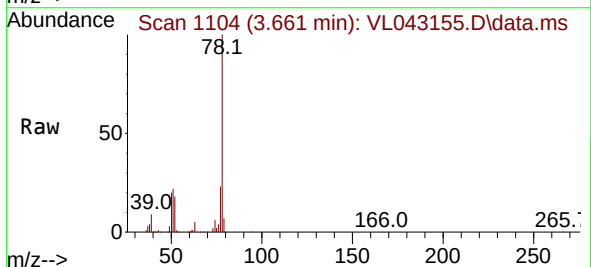
Manual Integrations
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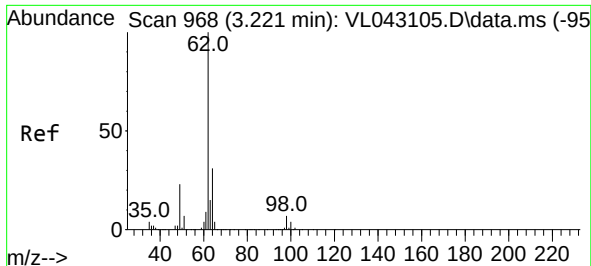
Reviewed By :Semsettin Yesilyurt 11/07/2025
Supervised By :Mahesh Dadoda 11/10/2025



#36
Benzene
Concen: 10.148 ppbv
RT: 3.661 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VL043155.D
Acq: 06 Nov 2025 07:19

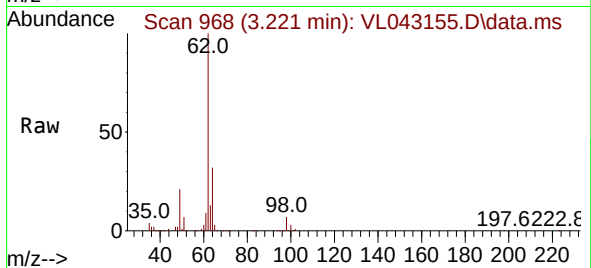
Tgt Ion: 78 Resp: 326769
Ion Ratio Lower Upper
78 100
77 23.0 17.0 25.6
50 20.2 14.6 22.0





#37
1,2-Dichloroethane
Concen: 11.493 ppbv
RT: 3.221 min Scan# 968
Delta R.T. -0.000 min
Lab File: VL043155.D
Acq: 06 Nov 2025 07:19

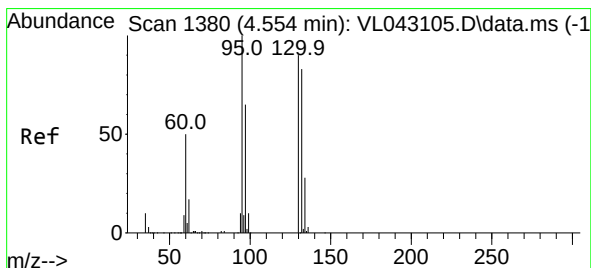
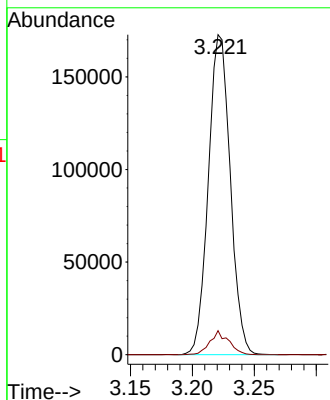
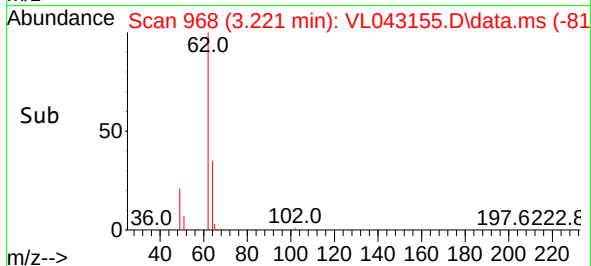
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 62 Resp: 21318
Ion Ratio Lower Upper
62 100
98 6.4 5.8 8.6

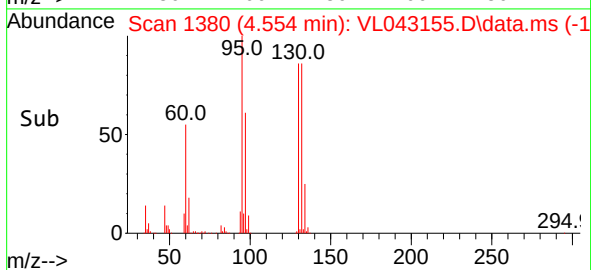
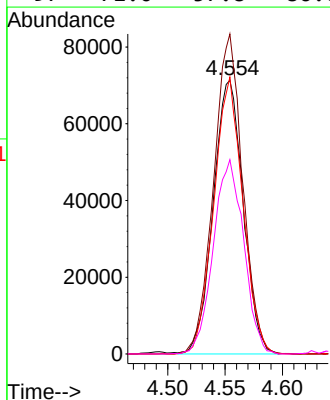
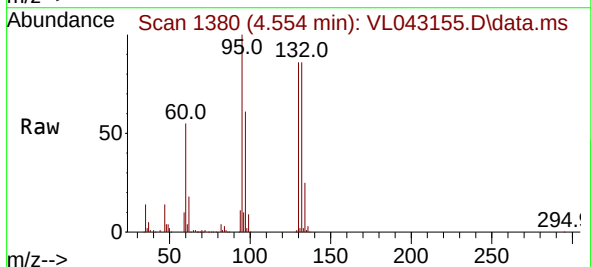
Manual Integrations
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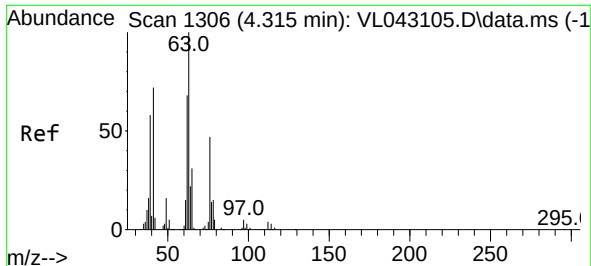
Reviewed By :Semsettin Yesilyurt 11/07/2025
Supervised By :Mahesh Dadoda 11/10/2025



#38
Trichloroethene
Concen: 9.635 ppbv
RT: 4.554 min Scan# 1380
Delta R.T. -0.000 min
Lab File: VL043155.D
Acq: 06 Nov 2025 07:19

Tgt Ion:130 Resp: 129566
Ion Ratio Lower Upper
130 100
95 116.7 88.6 133.0
132 101.0 73.4 110.0
97 71.0 57.8 86.6





#39

1,2-Dichloropropane

Concen: 9.950 ppbv

RT: 4.318 min Scan# 11

Delta R.T. 0.003 min

Lab File: VL043155.D

Acq: 06 Nov 2025 07:19

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 63 Resp: 11712

Ion Ratio Lower Upper

63 100

41 79.6 58.0 87.0

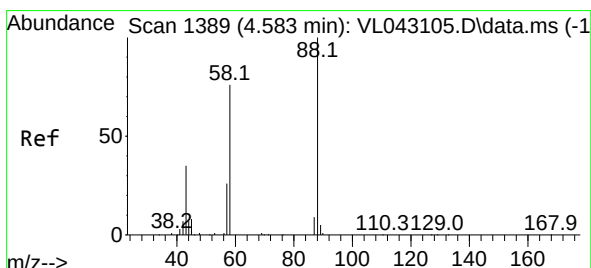
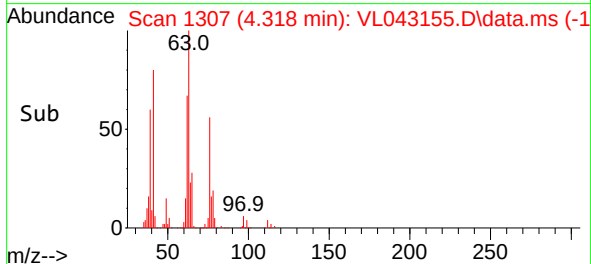
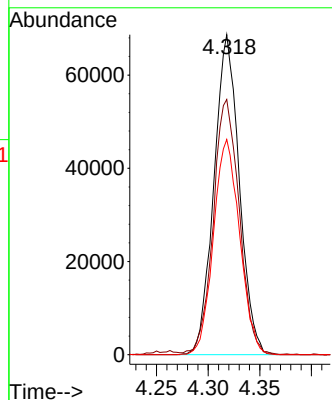
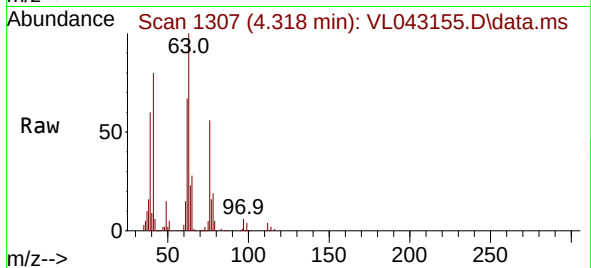
62 67.3 54.7 82.1

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/07/2025

Supervised By :Mahesh Dadoda 11/10/2025



#40

1,4-Dioxane

Concen: 9.574 ppbv

RT: 4.580 min Scan# 1388

Delta R.T. -0.003 min

Lab File: VL043155.D

Acq: 06 Nov 2025 07:19

Tgt Ion: 88 Resp: 50431

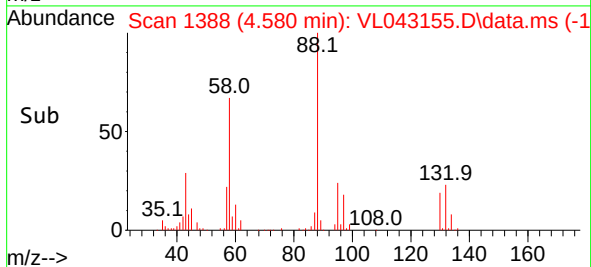
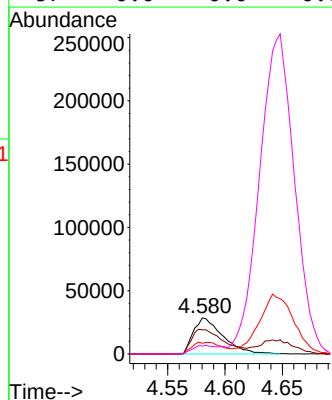
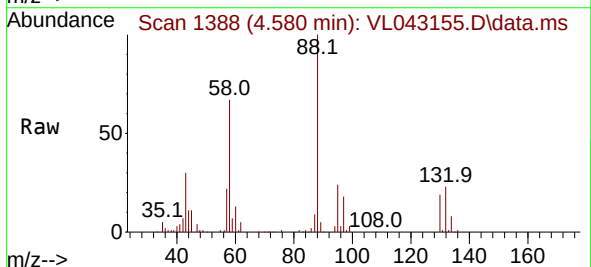
Ion Ratio Lower Upper

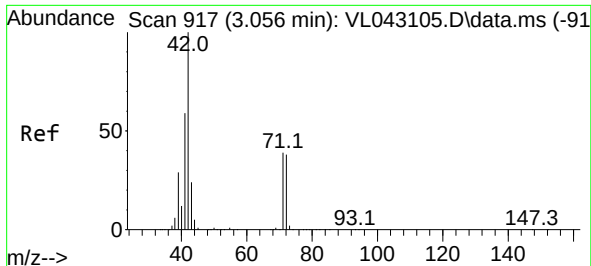
88 100

58 75.0 61.1 91.7

43 35.7 24.0 36.0

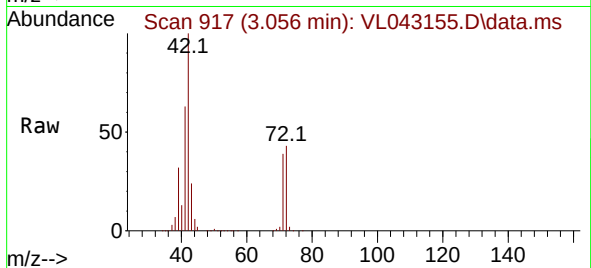
57 0.0 0.0 0.0





#41
Tetrahydrofuran
Concen: 9.267 ppbv
RT: 3.056 min Scan# 917
Delta R.T. -0.000 min
Lab File: VL043155.D
Acq: 06 Nov 2025 07:19

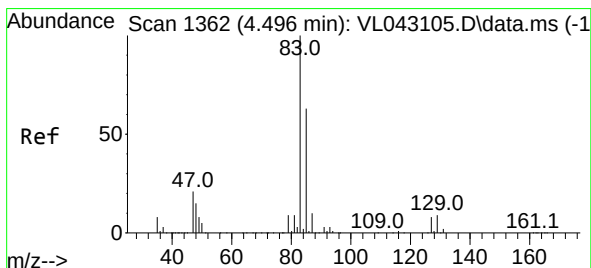
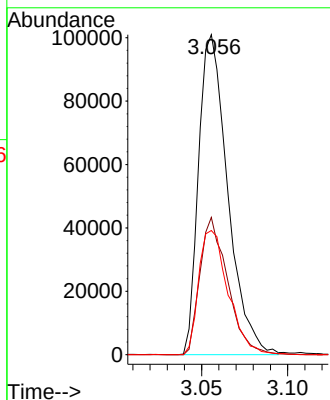
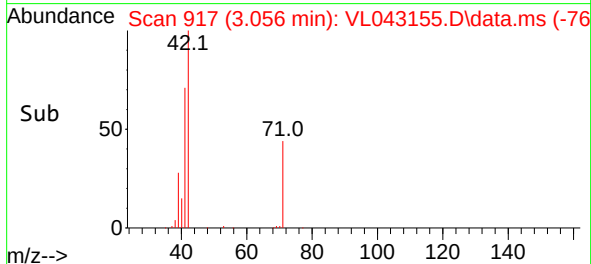
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



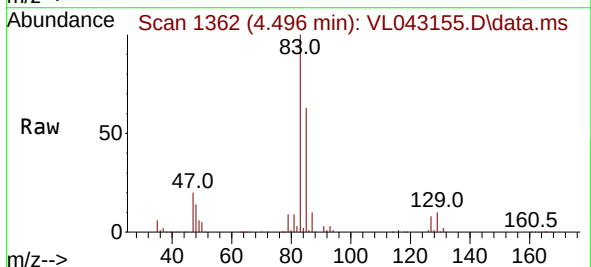
Tgt Ion: 42 Resp: 119118
Ion Ratio Lower Upper
42 100
72 40.9 31.3 46.9
71 39.4 30.4 45.6

Manual Integrations
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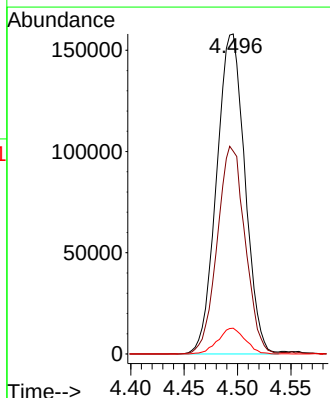
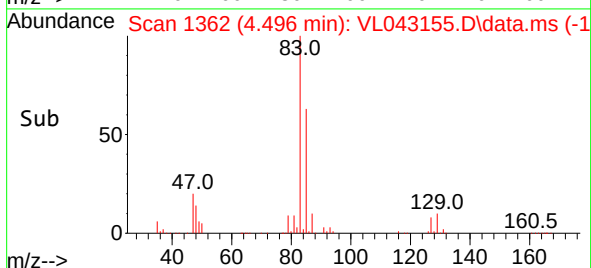
Reviewed By :Semsettin Yesilyurt 11/07/2025
Supervised By :Mahesh Dadoda 11/10/2025

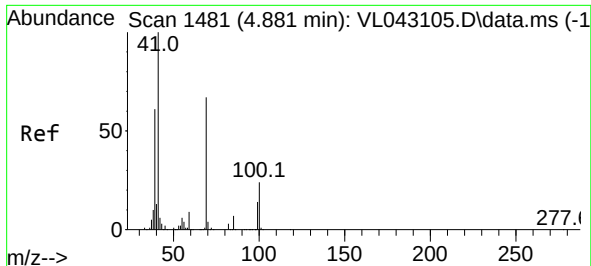


#42
Bromodichloromethane
Concen: 11.359 ppbv
RT: 4.496 min Scan# 1362
Delta R.T. -0.000 min
Lab File: VL043155.D
Acq: 06 Nov 2025 07:19



Tgt Ion: 83 Resp: 291618
Ion Ratio Lower Upper
83 100
85 63.4 50.6 75.8
127 8.1 6.3 9.5





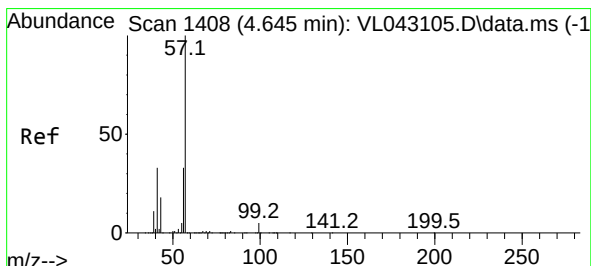
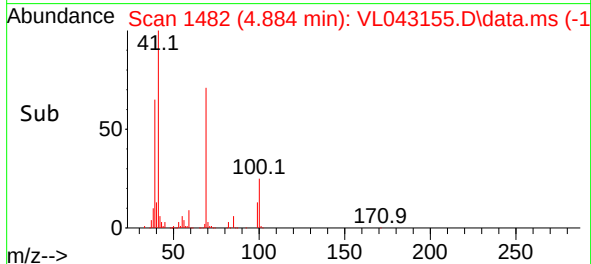
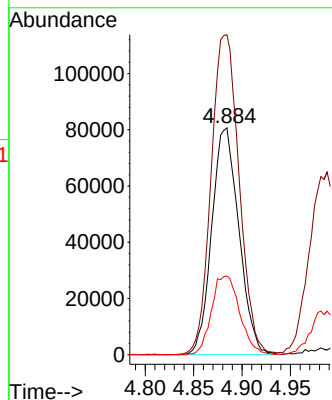
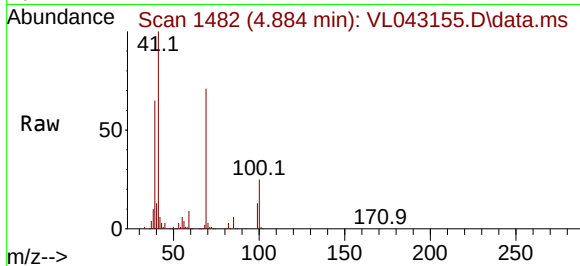
#43
Methyl Methacrylate
Concen: 9.624 ppbv
RT: 4.884 min Scan# 1481
Delta R.T. 0.003 min
Lab File: VL043155.D
Acq: 06 Nov 2025 07:19

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 69 Resp: 157399
Ion Ratio Lower Upper
69 100
41 145.6 120.5 180.7
100 36.0 29.0 43.4

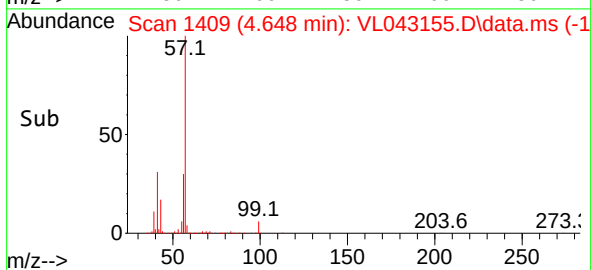
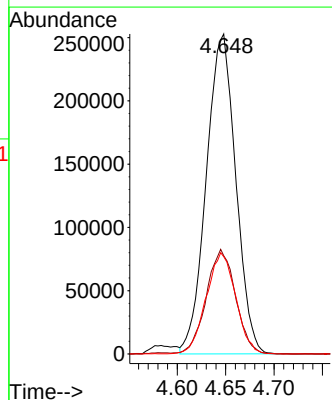
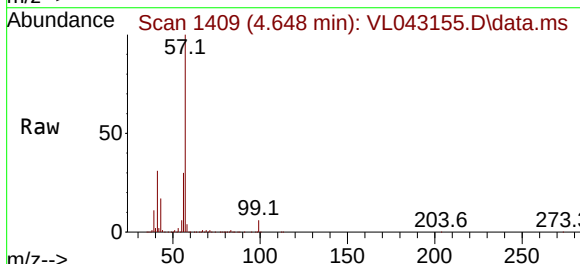
Manual Integrations
APPROVED

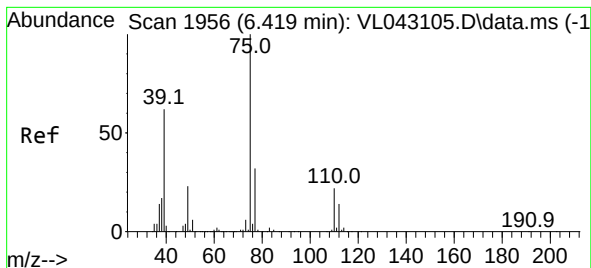
Reviewed By :Semsettin Yesilyurt 11/07/2025
Supervised By :Mahesh Dadoda 11/10/2025



#44
2,2,4-Trimethylpentane
Concen: 9.853 ppbv
RT: 4.648 min Scan# 1409
Delta R.T. 0.003 min
Lab File: VL043155.D
Acq: 06 Nov 2025 07:19

Tgt Ion: 57 Resp: 535251
Ion Ratio Lower Upper
57 100
41 32.9 26.3 39.5
56 31.7 25.9 38.9





#45

t-1,3-Dichloropropene

Concen: 10.243 ppbv

RT: 6.418 min Scan# 1956

Delta R.T. -0.000 min

Lab File: VL043155.D

Acq: 06 Nov 2025 07:19

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 75 Resp: 16811

Ion Ratio Lower Upper

75 100

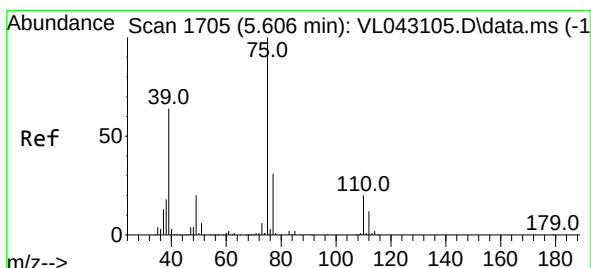
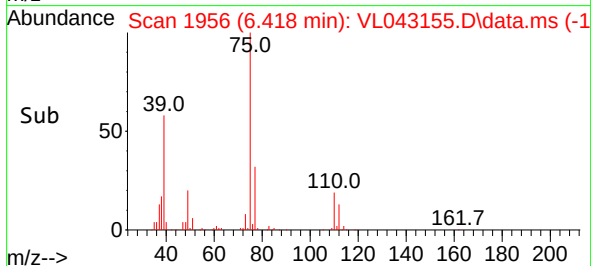
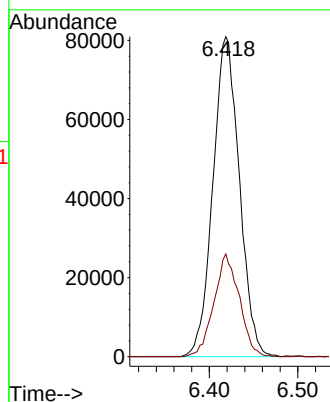
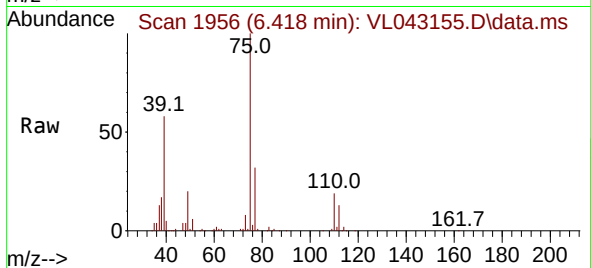
77 32.1 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/07/2025

Supervised By :Mahesh Dadoda 11/10/2025



#46

cis-1,3-Dichloropropene

Concen: 10.086 ppbv

RT: 5.606 min Scan# 1705

Delta R.T. -0.000 min

Lab File: VL043155.D

Acq: 06 Nov 2025 07:19

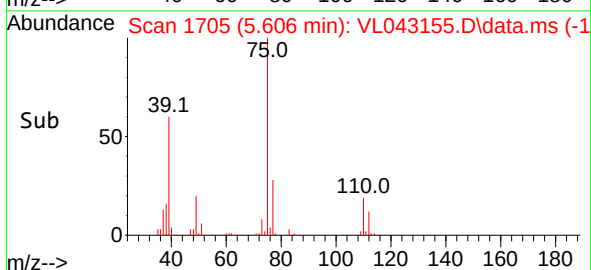
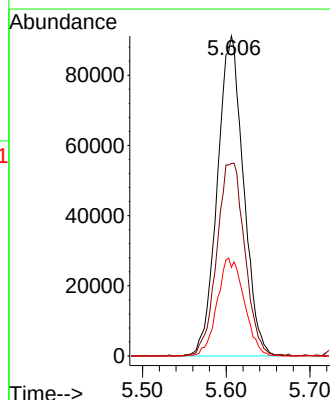
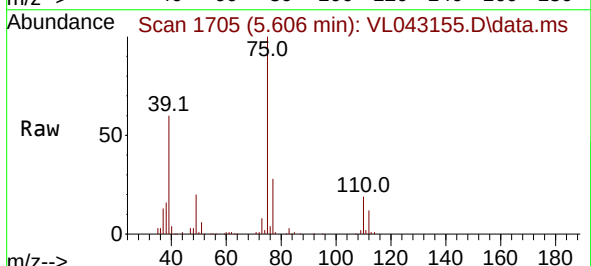
Tgt Ion: 75 Resp: 197738

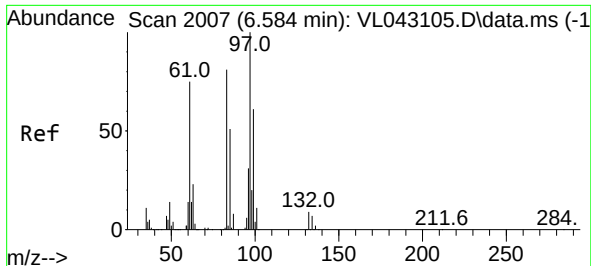
Ion Ratio Lower Upper

75 100

39 60.1 51.0 76.6

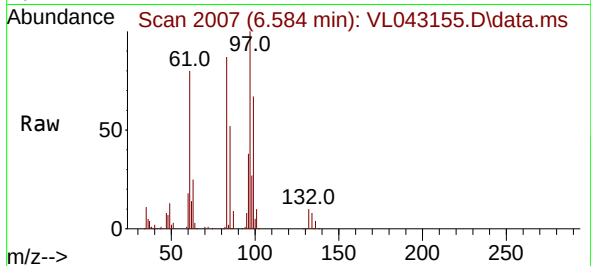
77 27.7 25.0 37.4





#47
1,1,2-Trichloroethane
Concen: 10.274 ppbv
RT: 6.584 min Scan# 2007
Delta R.T. -0.000 min
Lab File: VL043155.D
Acq: 06 Nov 2025 07:19

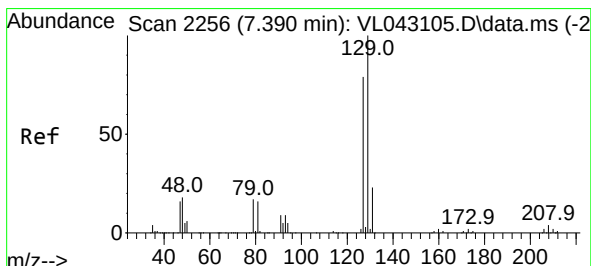
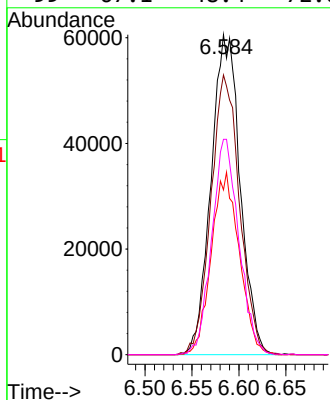
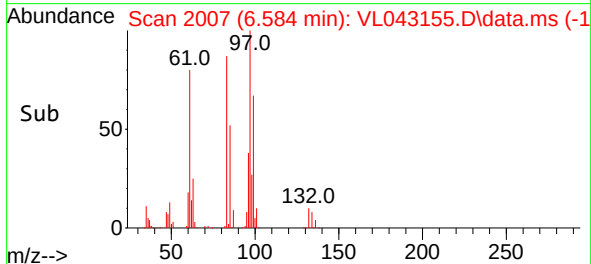
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 97 Resp: 130602
Ion Ratio Lower Upper
97 100
83 87.2 64.6 96.8
85 51.5 40.6 60.8
99 67.1 48.4 72.6

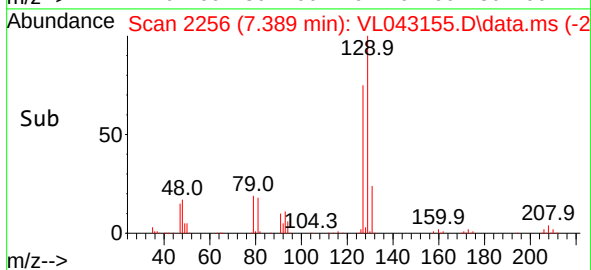
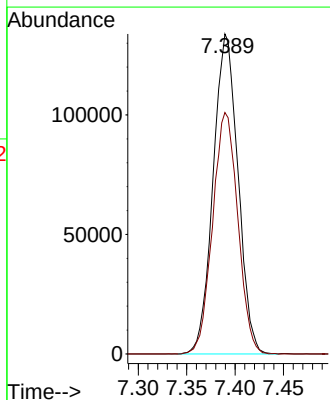
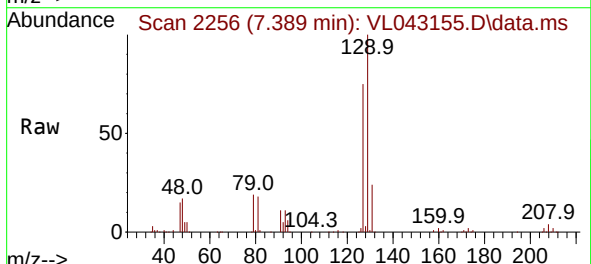
Manual Integrations
APPROVED

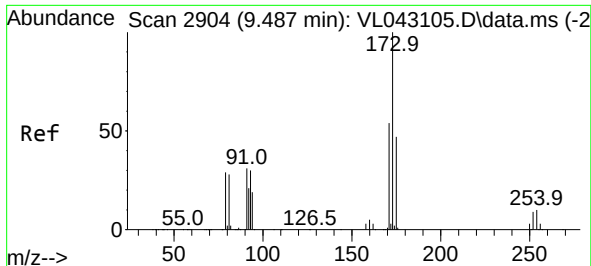
Reviewed By :Semsettin Yesilyurt 11/07/2025
Supervised By :Mahesh Dadoda 11/10/2025



#48
Dibromochloromethane
Concen: 11.241 ppbv
RT: 7.389 min Scan# 2256
Delta R.T. -0.000 min
Lab File: VL043155.D
Acq: 06 Nov 2025 07:19

Tgt Ion:129 Resp: 238917
Ion Ratio Lower Upper
129 100
127 76.6 39.3 117.9





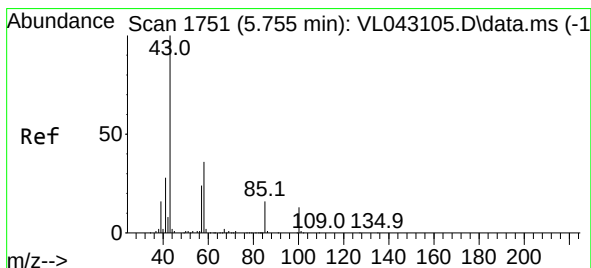
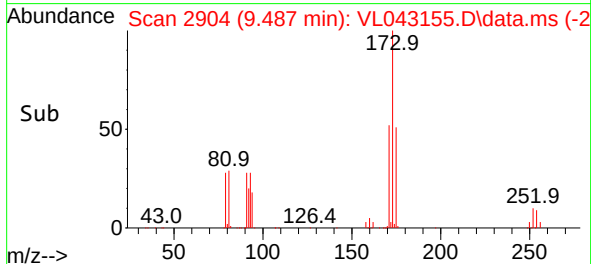
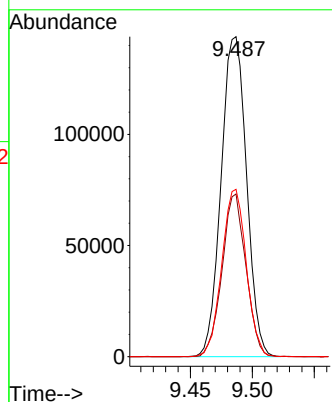
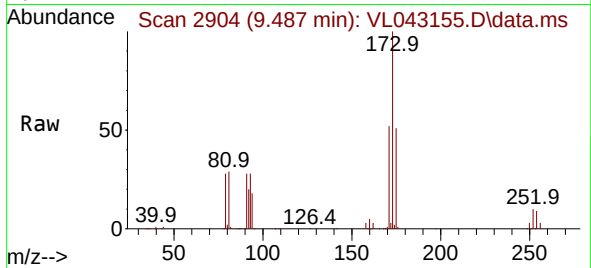
#49
Bromoform
Concen: 11.933 ppbv
RT: 9.487 min Scan# 2904
Delta R.T. -0.000 min
Lab File: VL043155.D
Acq: 06 Nov 2025 07:19

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:173 Resp: 206162
Ion Ratio Lower Upper
173 100
175 47.7 38.8 58.2
171 50.3 41.7 62.5

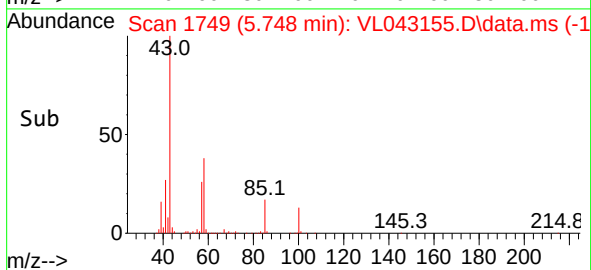
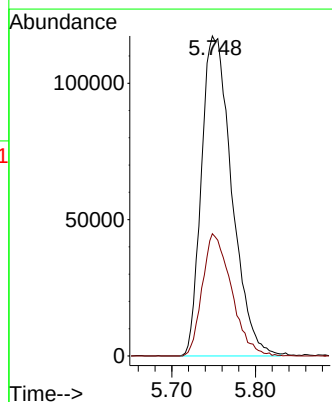
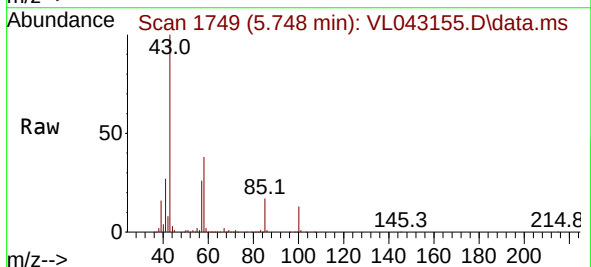
Manual Integrations
APPROVED

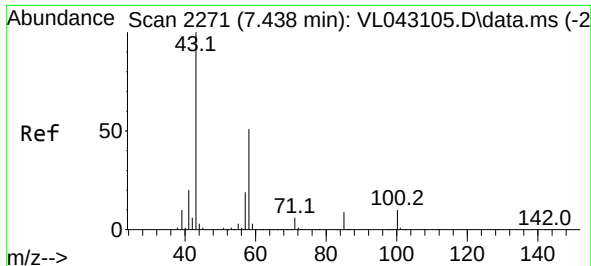
Reviewed By :Semsettin Yesilyurt 11/07/2025
Supervised By :Mahesh Dadoda 11/10/2025



#50
4-Methyl-2-Pentanone
Concen: 9.331 ppbv
RT: 5.748 min Scan# 1749
Delta R.T. -0.007 min
Lab File: VL043155.D
Acq: 06 Nov 2025 07:19

Tgt Ion: 43 Resp: 295948
Ion Ratio Lower Upper
43 100
58 36.7 29.1 43.7





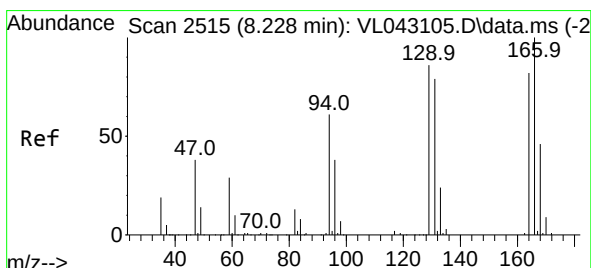
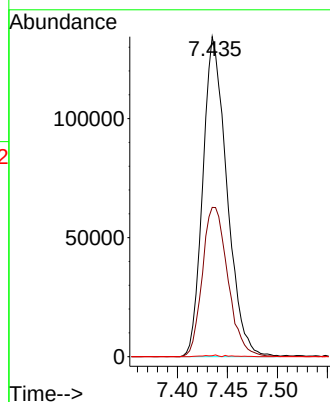
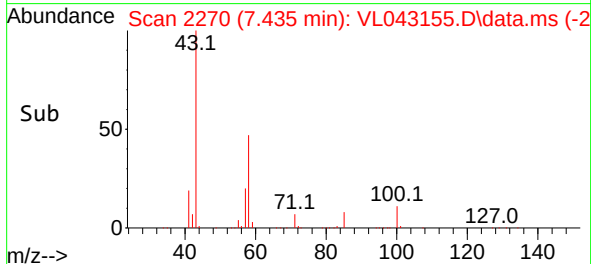
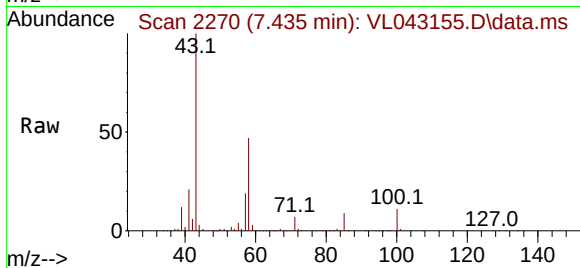
#51
2-Hexanone
Concen: 9.485 ppbv
RT: 7.435 min Scan# 2271
Delta R.T. -0.003 min
Lab File: VL043155.D
Acq: 06 Nov 2025 07:19

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Tgt Ion: 43 Resp: 225629
Ion Ratio Lower Upper
43 100
58 49.4 40.4 60.6
98 0.5 0.1 0.1

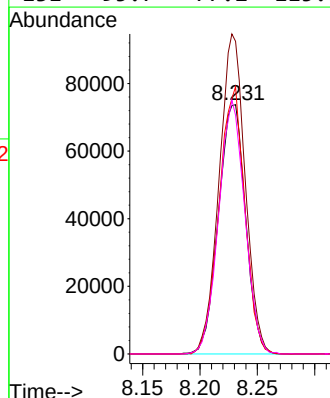
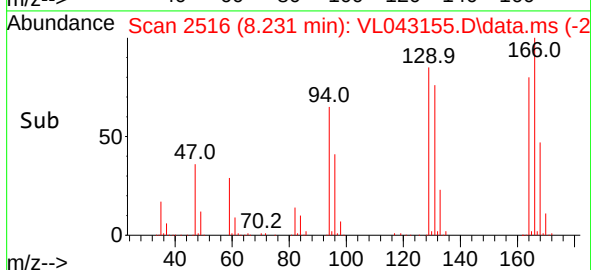
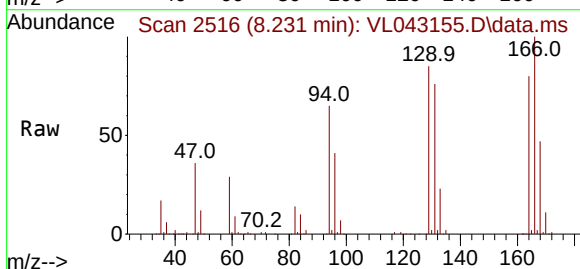
Manual Integrations
APPROVED

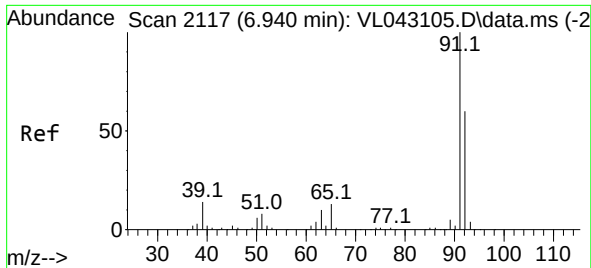
Reviewed By :Semsettin Yesilyurt 11/07/2025
Supervised By :Mahesh Dadoda 11/10/2025



#52
Tetrachloroethene
Concen: 10.396 ppbv
RT: 8.231 min Scan# 2516
Delta R.T. 0.003 min
Lab File: VL043155.D
Acq: 06 Nov 2025 07:19

Tgt Ion:164 Resp: 120713
Ion Ratio Lower Upper
164 100
166 125.4 97.6 146.4
129 107.1 84.5 126.7
131 95.7 77.2 115.8





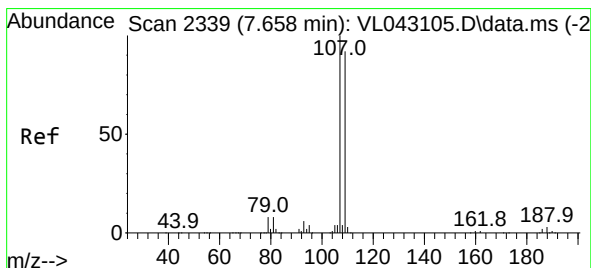
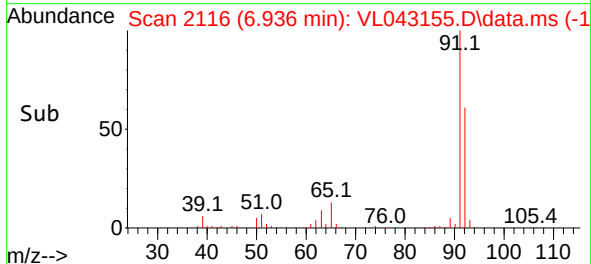
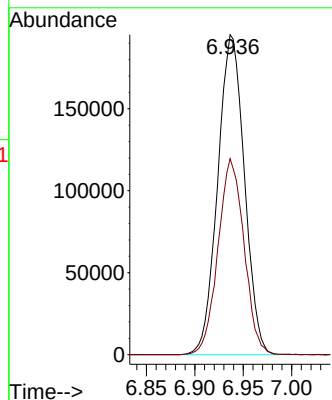
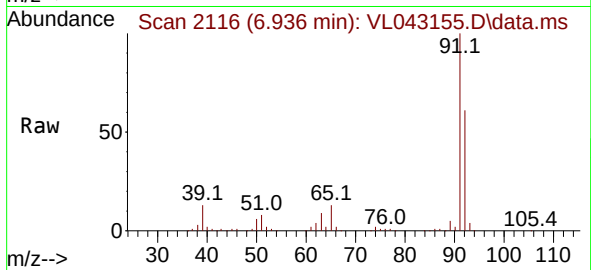
#53
Toluene
Concen: 9.805 ppbv
RT: 6.936 min Scan# 2117
Delta R.T. -0.003 min
Lab File: VL043155.D
Acq: 06 Nov 2025 07:19

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 374714
Ion Ratio Lower Upper
91 100
92 59.7 48.8 73.2

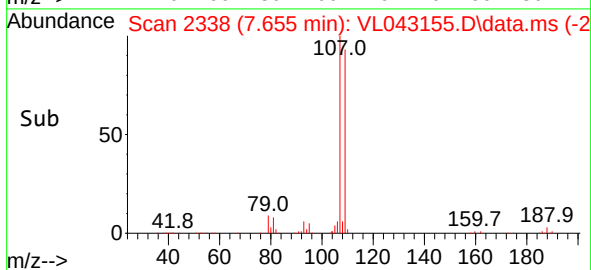
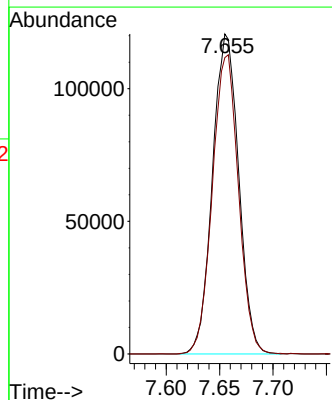
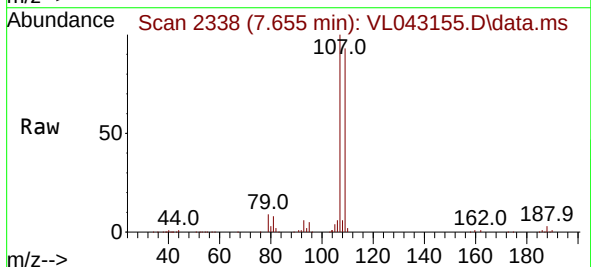
Manual Integrations
APPROVED

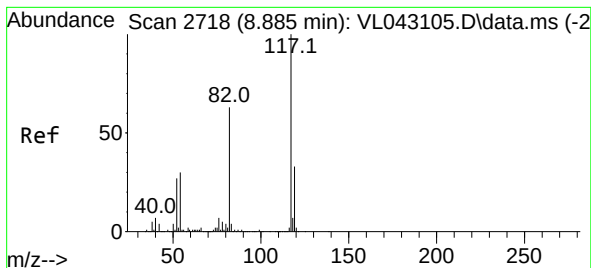
Reviewed By :Semsettin Yesilyurt 11/07/2025
Supervised By :Mahesh Dadoda 11/10/2025



#54
1,2-Dibromoethane
Concen: 10.330 ppbv
RT: 7.655 min Scan# 2338
Delta R.T. -0.003 min
Lab File: VL043155.D
Acq: 06 Nov 2025 07:19

Tgt Ion:107 Resp: 205679
Ion Ratio Lower Upper
107 100
109 92.4 73.4 110.2





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.885 min Scan# 2718

Delta R.T. -0.000 min

Lab File: VL043155.D

Acq: 06 Nov 2025 07:19

Instrument :

MSVOA_L

ClientSampleId :

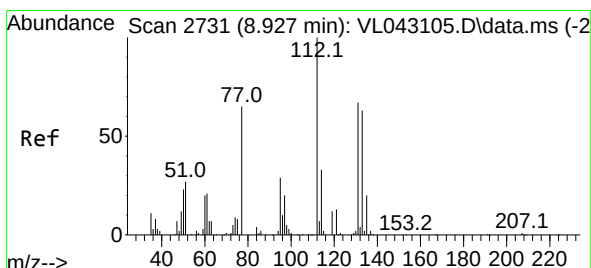
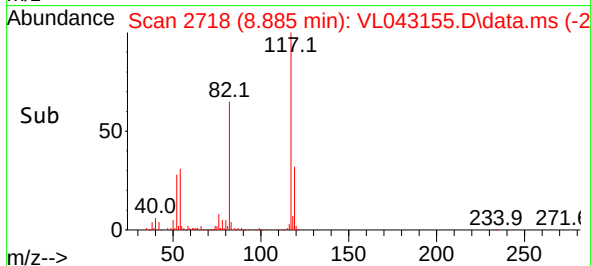
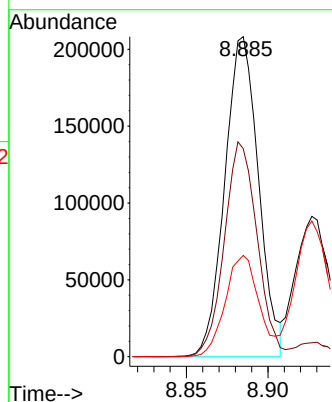
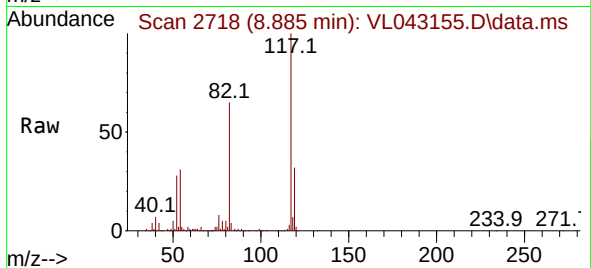
VSTDCCC010

Tgt Ion:	117	Resp:	299829
Ion	Ratio	Lower	Upper
117	100		
82	66.1	53.8	80.8
119	32.3	25.4	38.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/07/2025
Supervised By :Mahesh Dadoda 11/10/2025



#56

1,1,1,2-Tetrachloroethane

Concen: 11.429 ppbv

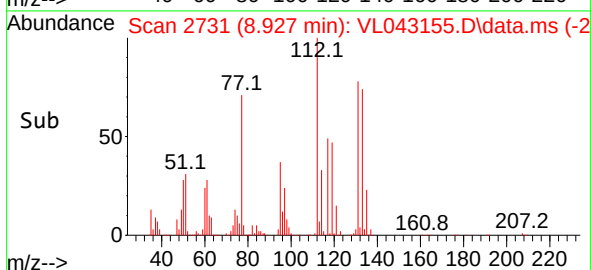
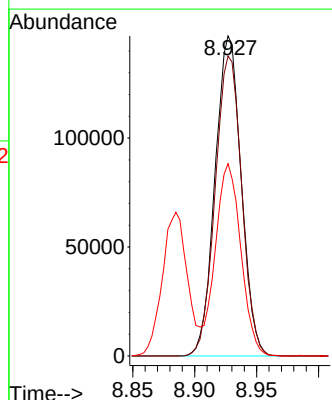
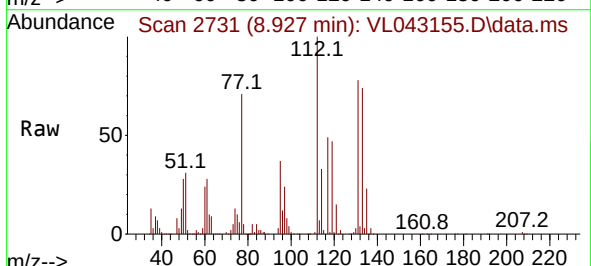
RT: 8.927 min Scan# 2731

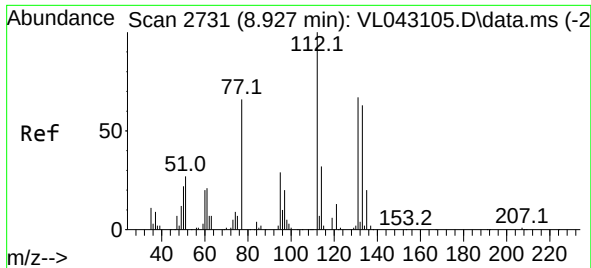
Delta R.T. -0.000 min

Lab File: VL043155.D

Acq: 06 Nov 2025 07:19

Tgt Ion:	131	Resp:	216010
Ion	Ratio	Lower	Upper
131	100		
133	95.1	75.7	113.5
119	58.8	50.6	76.0





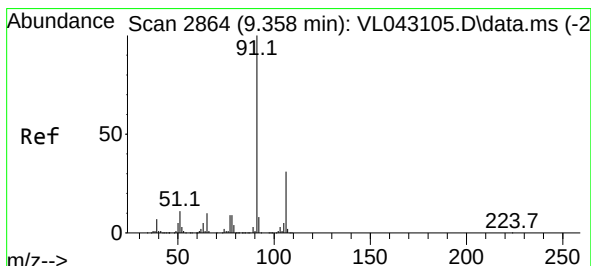
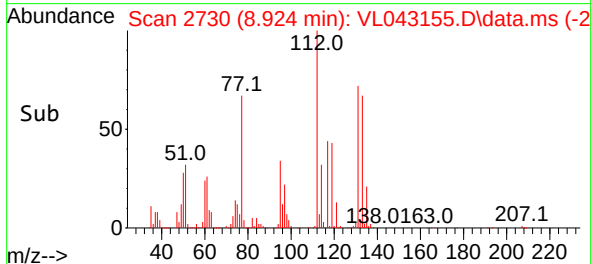
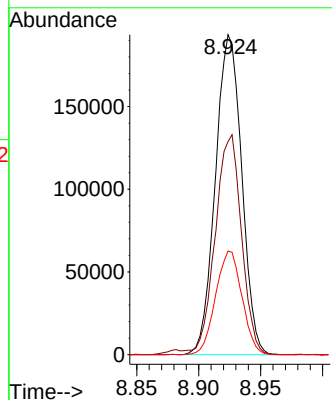
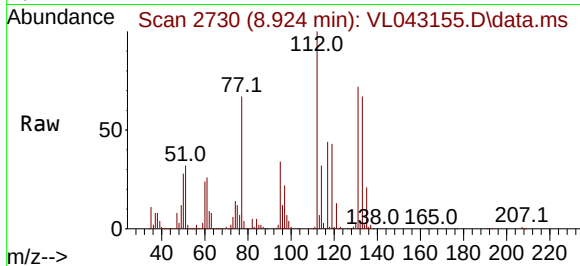
#57
Chlorobenzene
Concen: 10.228 ppbv
RT: 8.924 min Scan# 2731
Delta R.T. -0.003 min
Lab File: VL043155.D
Acq: 06 Nov 2025 07:19

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:112 Resp: 286894
Ion Ratio Lower Upper
112 100
77 66.6 53.3 79.9
114 32.4 29.3 35.8

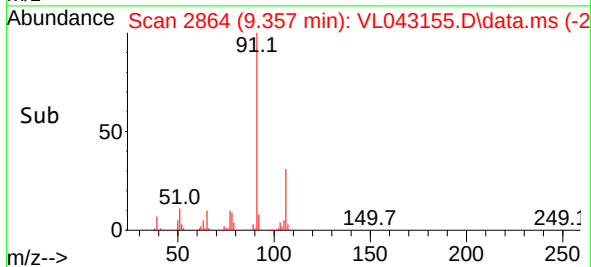
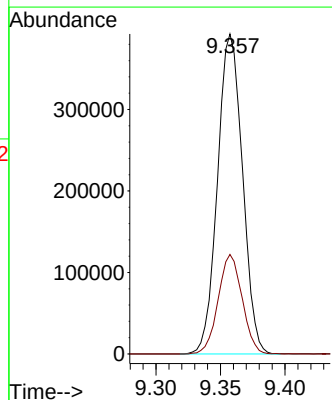
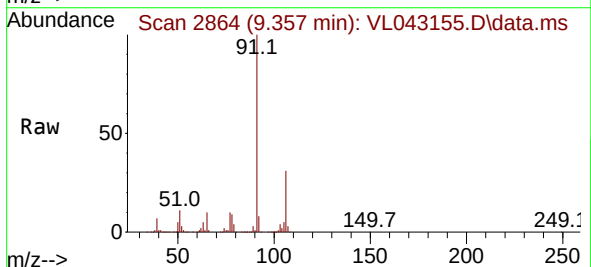
Manual Integrations
APPROVED

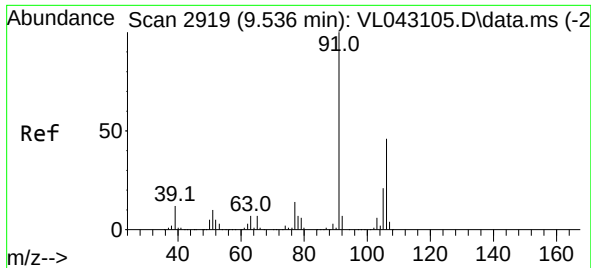
Reviewed By :Semsettin Yesilyurt 11/07/2025
Supervised By :Mahesh Dadoda 11/10/2025



#58
Ethyl Benzene
Concen: 10.261 ppbv
RT: 9.357 min Scan# 2864
Delta R.T. -0.000 min
Lab File: VL043155.D
Acq: 06 Nov 2025 07:19

Tgt Ion: 91 Resp: 527991
Ion Ratio Lower Upper
91 100
106 31.1 24.8 37.2





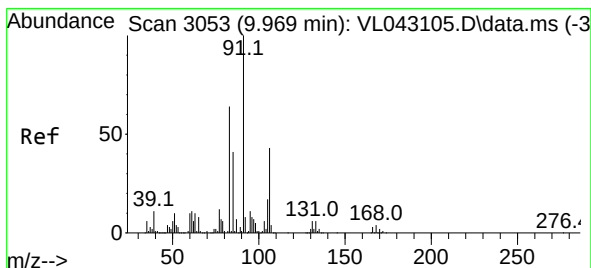
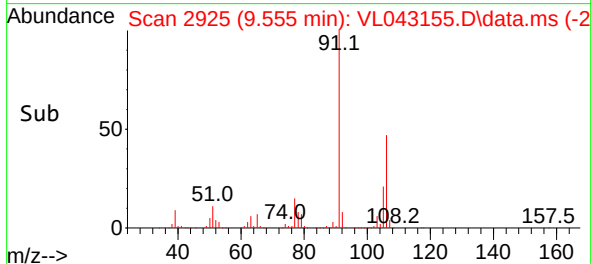
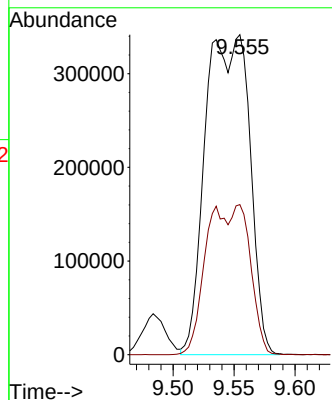
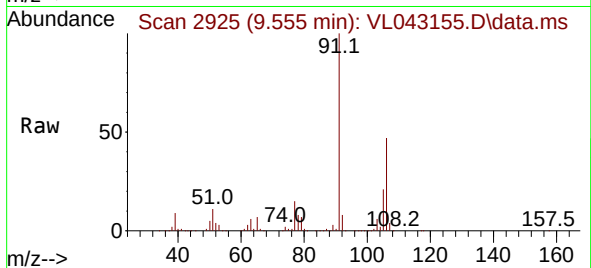
#59
m/p-Xylene
Concen: 21.062 ppbv m
RT: 9.555 min Scan# 2919
Delta R.T. 0.019 min
Lab File: VL043155.D
Acq: 06 Nov 2025 07:19

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 864452
Ion Ratio Lower Upper
91 100
106 0.0 38.0 57.0

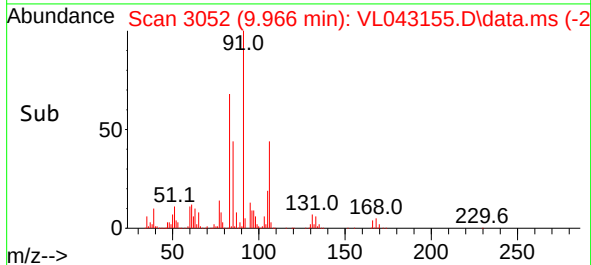
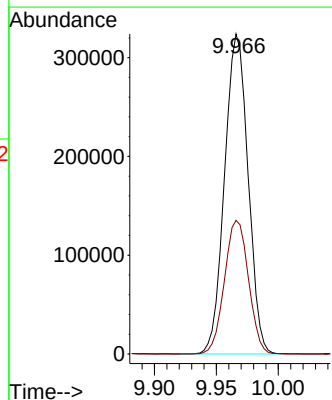
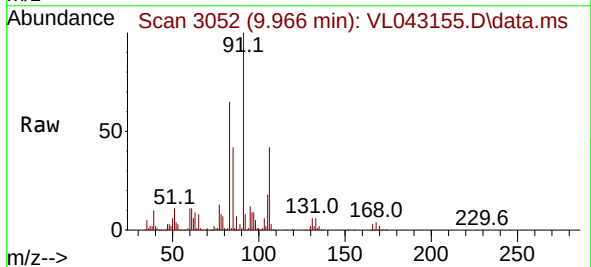
Manual Integrations
APPROVED

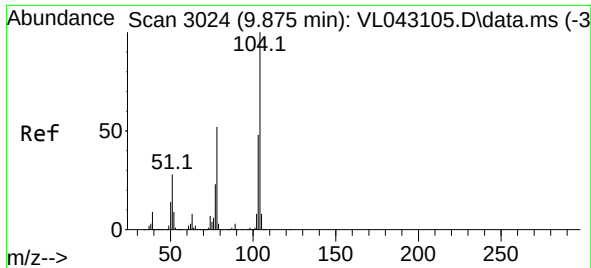
Reviewed By :Semsettin Yesilyurt 11/07/2025
Supervised By :Mahesh Dadoda 11/10/2025



#60
o-Xylene
Concen: 10.565 ppbv
RT: 9.966 min Scan# 3052
Delta R.T. -0.003 min
Lab File: VL043155.D
Acq: 06 Nov 2025 07:19

Tgt Ion: 91 Resp: 428248
Ion Ratio Lower Upper
91 100
106 42.7 21.9 65.8





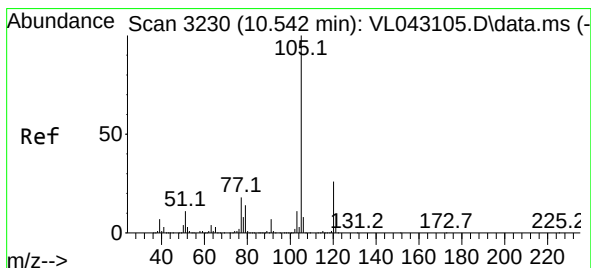
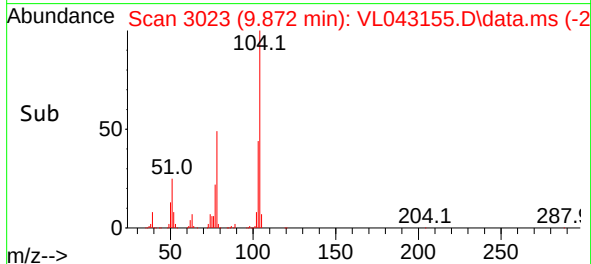
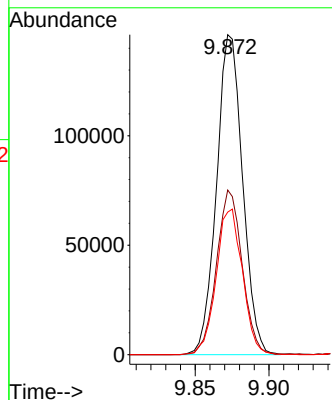
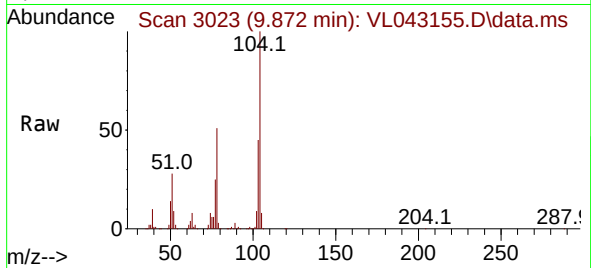
#61
Styrene
Concen: 9.839 ppbv
RT: 9.872 min Scan# 3024
Delta R.T. -0.003 min
Lab File: VL043155.D
Acq: 06 Nov 2025 07:19

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:104 Resp: 180052
Ion Ratio Lower Upper
104 100
78 50.9 40.2 60.2
103 45.9 36.9 55.3

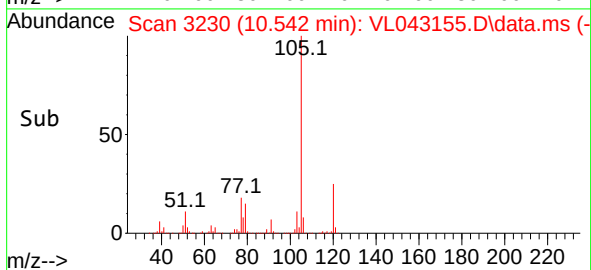
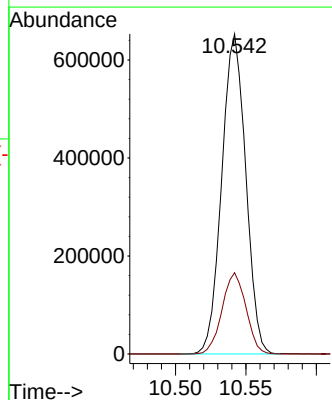
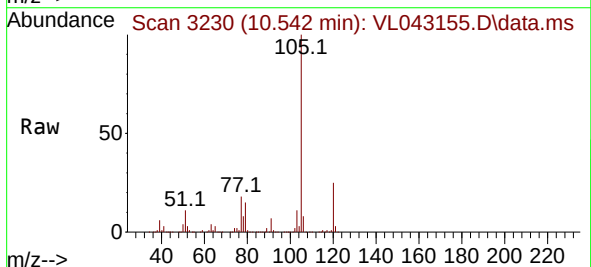
Manual Integrations
APPROVED

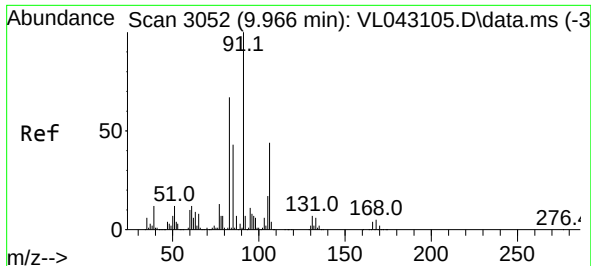
Reviewed By :Semsettin Yesilyurt 11/07/2025
Supervised By :Mahesh Dadoda 11/10/2025



#62
Isopropylbenzene
Concen: 10.564 ppbv
RT: 10.542 min Scan# 3230
Delta R.T. -0.000 min
Lab File: VL043155.D
Acq: 06 Nov 2025 07:19

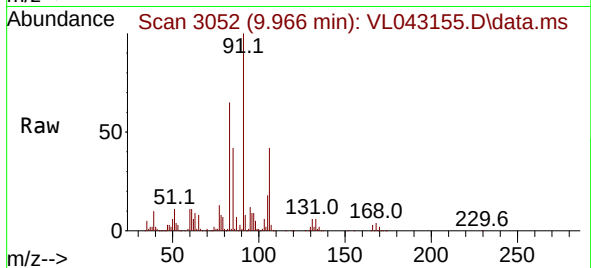
Tgt Ion:105 Resp: 773742
Ion Ratio Lower Upper
105 100
120 25.2 20.2 30.4





#63
1,1,2,2-Tetrachloroethane
Concen: 10.089 ppbv
RT: 9.966 min Scan# 3052
Delta R.T. -0.000 min
Lab File: VL043155.D
Acq: 06 Nov 2025 07:19

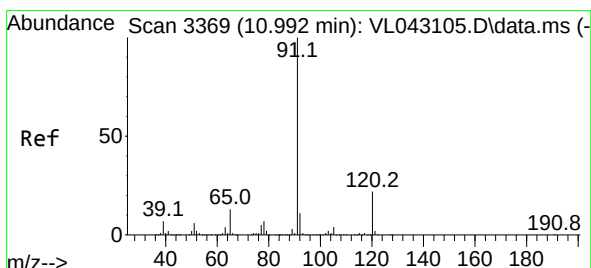
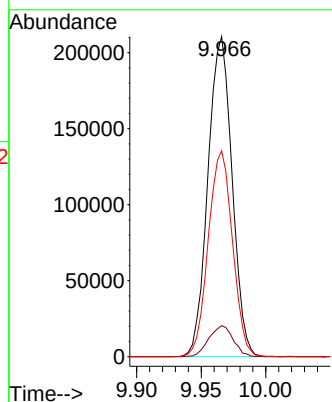
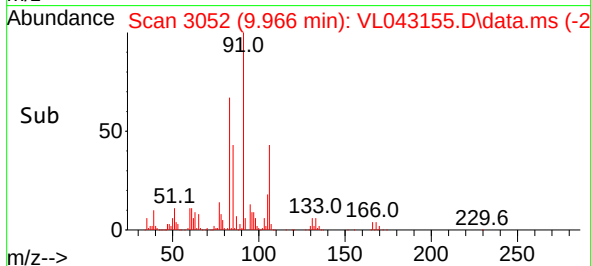
Instrument : MSVOA_L
ClientSampleId : VSTDCCC010



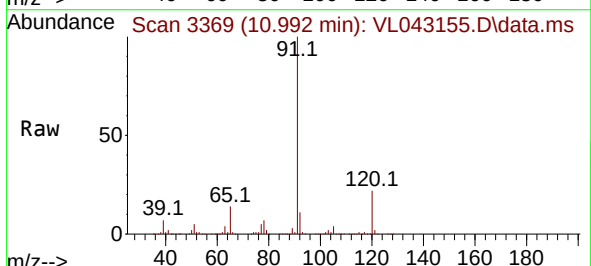
Tgt Ion: 83 Resp: 27383
Ion Ratio Lower Upper
83 100
131 9.8 4.8 14.3
85 64.6 32.0 96.0

Manual Integrations
APPROVED

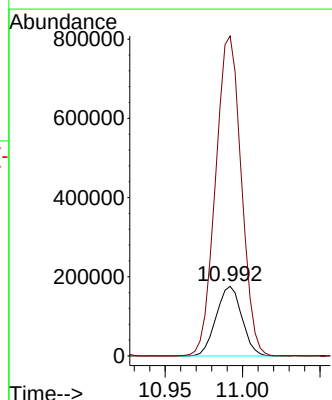
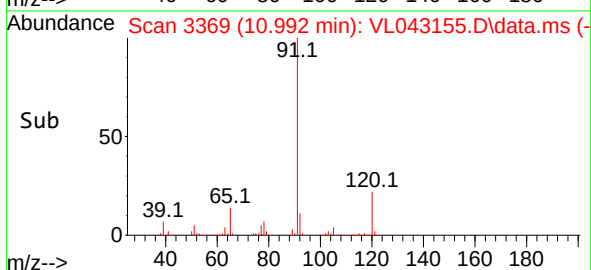
Reviewed By :Semsettin Yesilyurt 11/07/2025
Supervised By :Mahesh Dadoda 11/10/2025

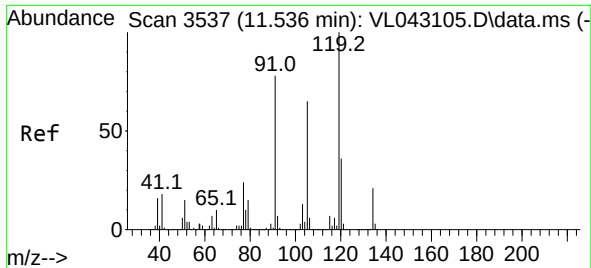


#64
n-propylbenzene
Concen: 10.438 ppbv
RT: 10.992 min Scan# 3369
Delta R.T. -0.000 min
Lab File: VL043155.D
Acq: 06 Nov 2025 07:19



Tgt Ion:120 Resp: 202414
Ion Ratio Lower Upper
120 100
91 462.2 361.6 542.4





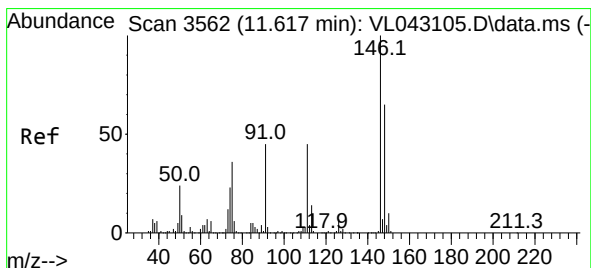
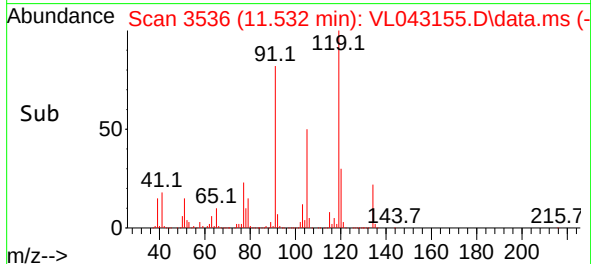
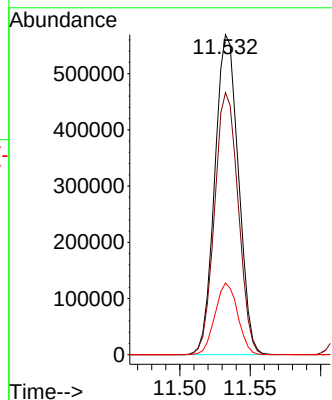
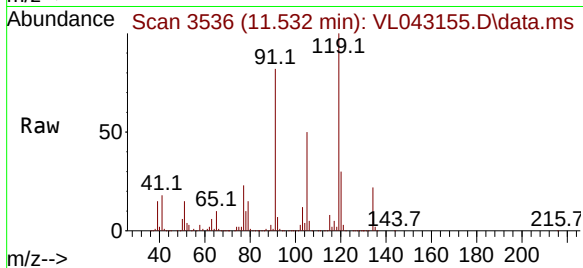
#65
tert-Butylbenzene
Concen: 10.266 ppbv
RT: 11.532 min Scan# 3536
Delta R.T. -0.003 min
Lab File: VL043155.D
Acq: 06 Nov 2025 07:19

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:119 Resp: 664024
Ion Ratio Lower Upper
119 100
91 82.1 63.4 95.0
134 21.5 17.3 25.9

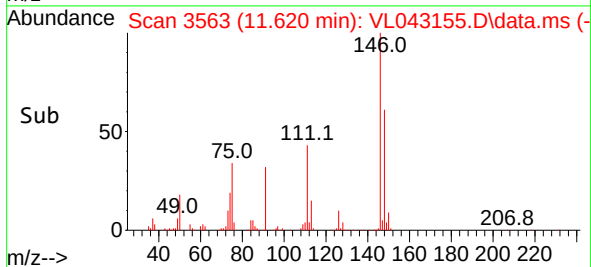
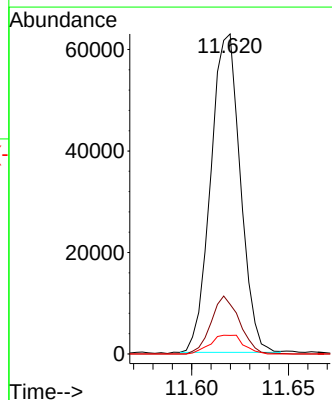
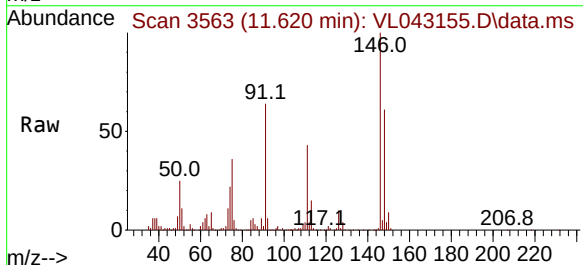
Manual Integrations
APPROVED

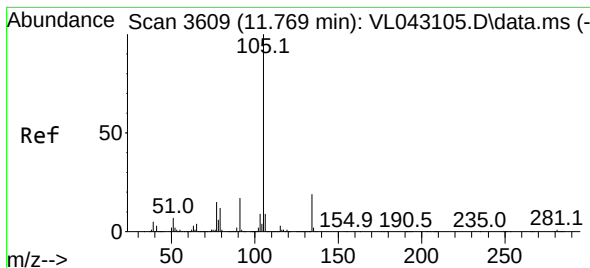
Reviewed By :Semsettin Yesilyurt 11/07/2025
Supervised By :Mahesh Dadoda 11/10/2025



#66
Benzyl Chloride
Concen: 9.258 ppbv
RT: 11.620 min Scan# 3563
Delta R.T. 0.003 min
Lab File: VL043155.D
Acq: 06 Nov 2025 07:19

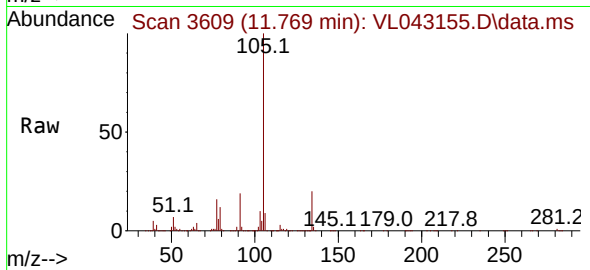
Tgt Ion: 91 Resp: 66651
Ion Ratio Lower Upper
91 100
126 17.5 14.6 22.0
128 6.6 4.6 6.8





#67
 sec-Butylbenzene
 Concen: 10.327 ppbv
 RT: 11.769 min Scan# 30
 Delta R.T. -0.000 min
 Lab File: VL043155.D
 Acq: 06 Nov 2025 07:19

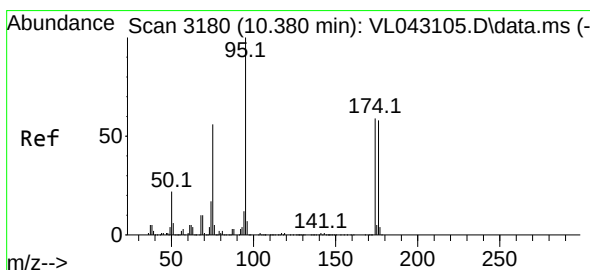
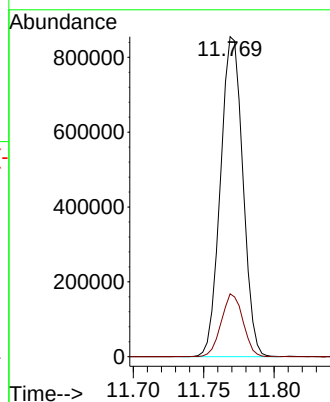
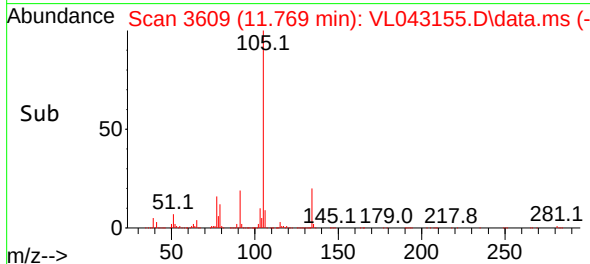
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



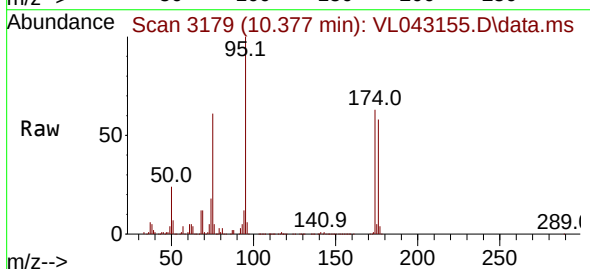
Tgt Ion:105 Resp: 94802
 Ion Ratio Lower Upper
 105 100
 134 19.1 15.5 23.3

Manual Integrations APPROVED

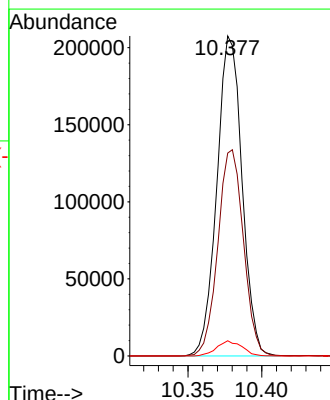
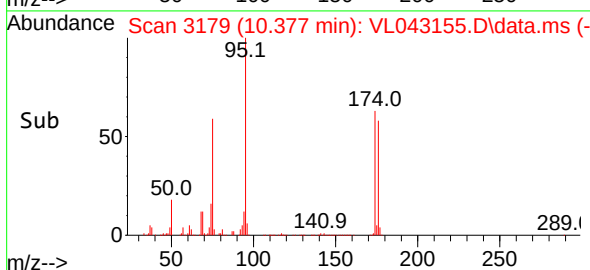
Reviewed By :Semsettin Yesilyurt 11/07/2025
 Supervised By :Mahesh Dadoda 11/10/2025

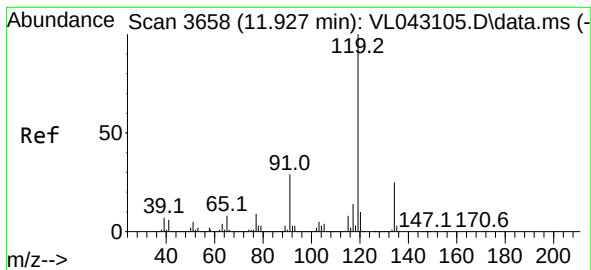


#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.570 ppbv
 RT: 10.377 min Scan# 3179
 Delta R.T. -0.003 min
 Lab File: VL043155.D
 Acq: 06 Nov 2025 07:19



Tgt Ion: 95 Resp: 246332
 Ion Ratio Lower Upper
 95 100
 174 65.5 48.3 72.5
 175 4.8 3.8 5.8





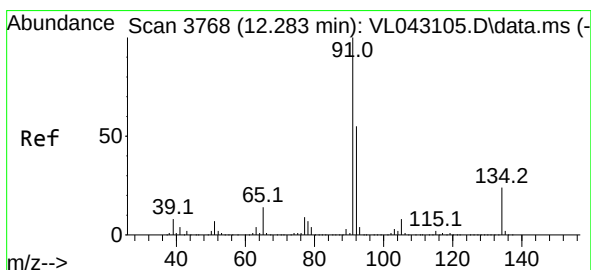
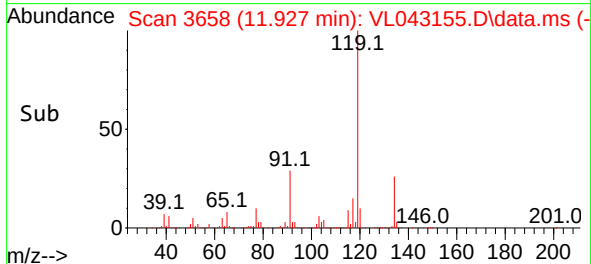
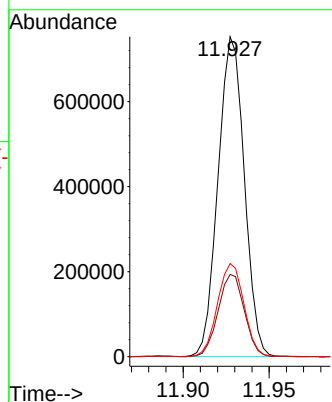
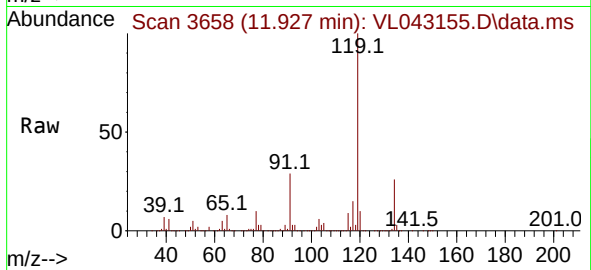
#69
 p-Isopropyltoluene
 Concen: 10.237 ppbv
 RT: 11.927 min Scan# 3658
 Delta R.T. -0.000 min
 Lab File: VL043155.D
 Acq: 06 Nov 2025 07:19

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion:119 Resp: 798570
 Ion Ratio Lower Upper
 119 100
 134 25.8 20.3 30.5
 91 29.5 22.6 33.8

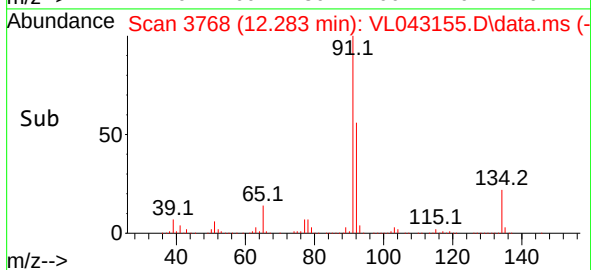
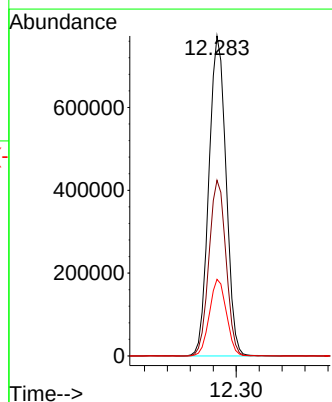
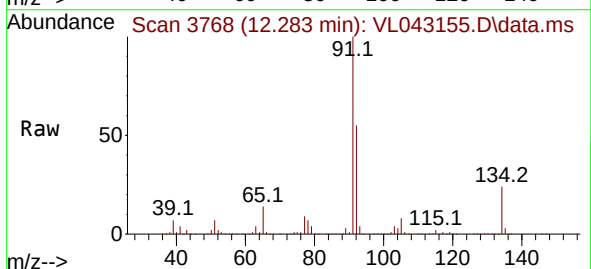
Manual Integrations
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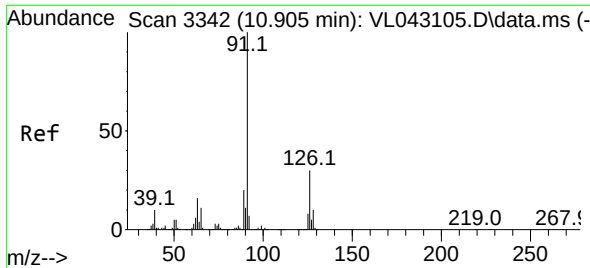
Reviewed By :Semsettin Yesilyurt 11/07/2025
 Supervised By :Mahesh Dadoda 11/10/2025



#70
 n-Butylbenzene
 Concen: 10.410 ppbv
 RT: 12.283 min Scan# 3768
 Delta R.T. -0.000 min
 Lab File: VL043155.D
 Acq: 06 Nov 2025 07:19

Tgt Ion: 91 Resp: 800217
 Ion Ratio Lower Upper
 91 100
 92 54.6 44.5 66.7
 134 23.8 19.3 28.9





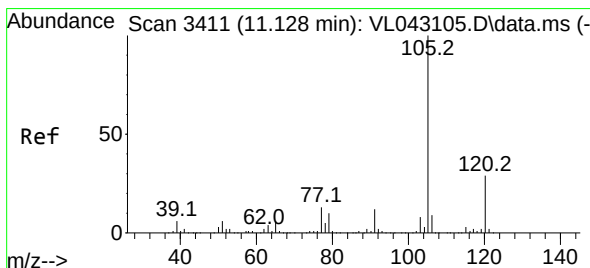
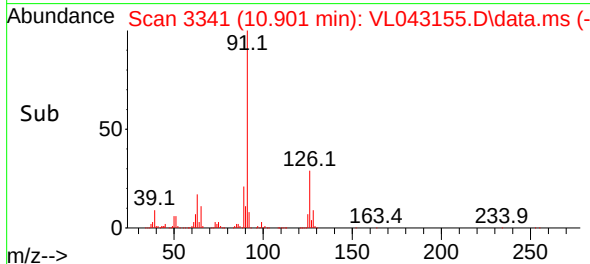
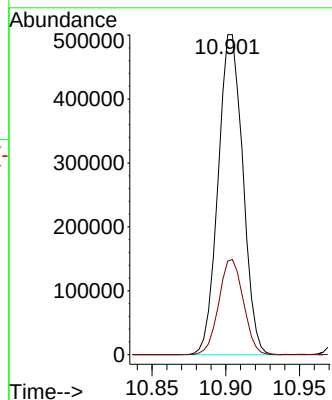
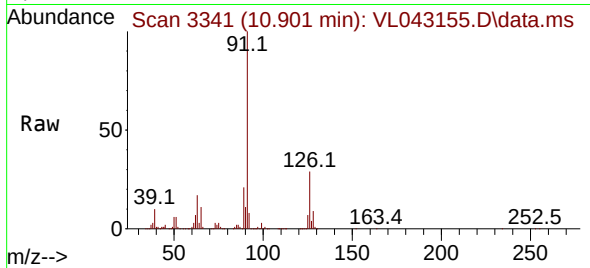
#71
2-Chlorotoluene
Concen: 10.461 ppbv
RT: 10.901 min Scan# 3341
Delta R.T. -0.003 min
Lab File: VL043155.D
Acq: 06 Nov 2025 07:19

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 58442
Ion Ratio Lower Upper
91 100
126 29.5 12.0 48.0

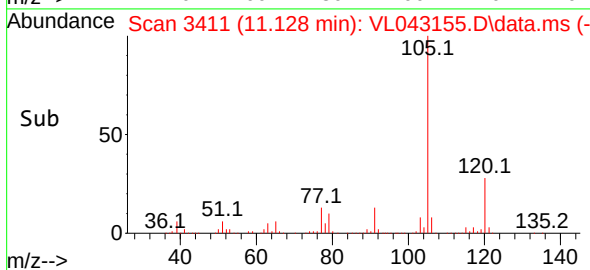
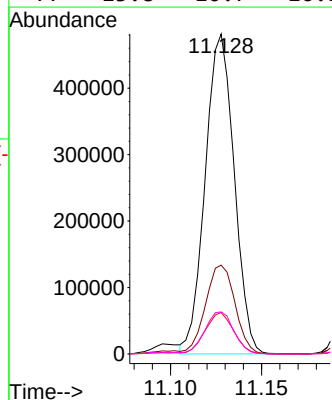
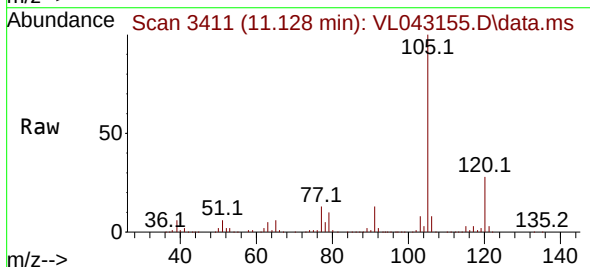
Manual Integrations
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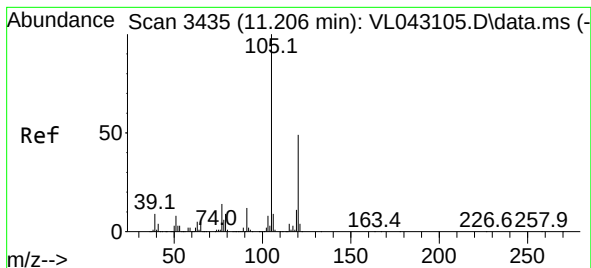
Reviewed By :Semsettin Yesilyurt 11/07/2025
Supervised By :Mahesh Dadoda 11/10/2025



#72
4-Ethyltoluene
Concen: 10.693 ppbv
RT: 11.128 min Scan# 3411
Delta R.T. -0.000 min
Lab File: VL043155.D
Acq: 06 Nov 2025 07:19

Tgt Ion:105 Resp: 532971
Ion Ratio Lower Upper
105 100
120 29.3 24.2 36.4
91 13.3 10.0 15.0
77 13.8 10.7 16.1





#73

1,3,5-Trimethylbenzene

Concen: 10.671 ppbv

RT: 11.205 min Scan# 3435

Delta R.T. -0.000 min

Lab File: VL043155.D

Acq: 06 Nov 2025 07:19

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:105 Resp: 43865

Ion Ratio Lower Upper

105 100

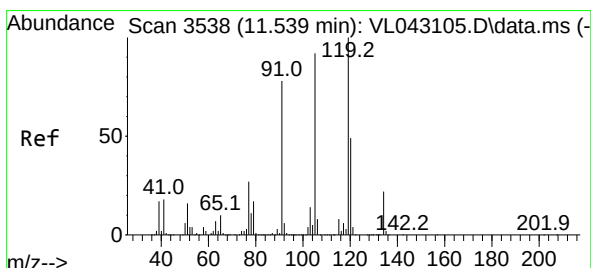
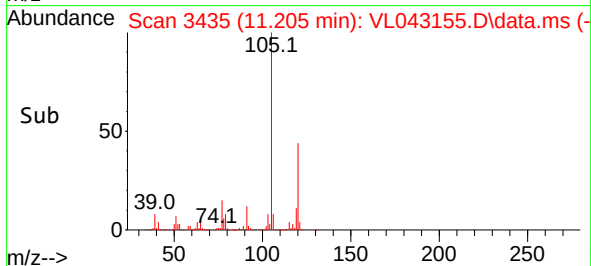
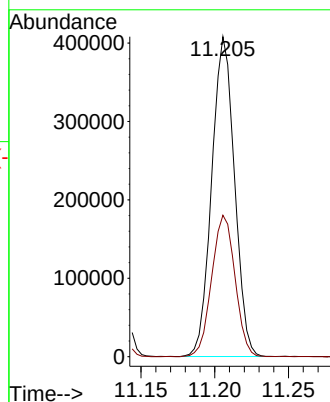
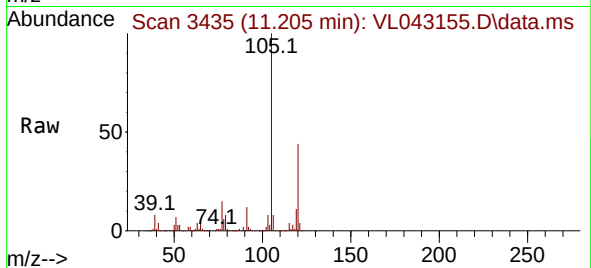
120 44.2 39.0 58.6

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/07/2025

Supervised By :Mahesh Dadoda 11/10/2025



#74

1,2,4-Trimethylbenzene

Concen: 10.419 ppbv

RT: 11.539 min Scan# 3538

Delta R.T. -0.000 min

Lab File: VL043155.D

Acq: 06 Nov 2025 07:19

Tgt Ion:105 Resp: 479281

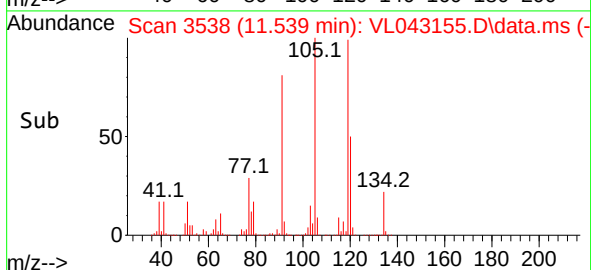
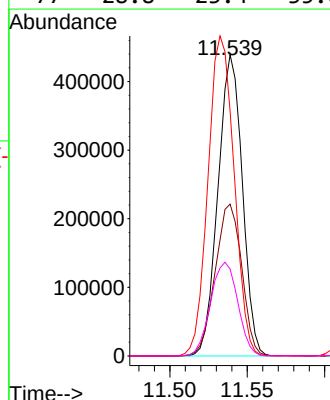
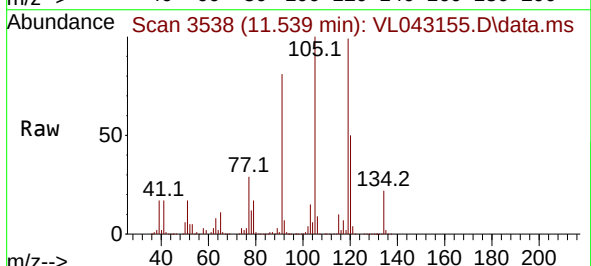
Ion Ratio Lower Upper

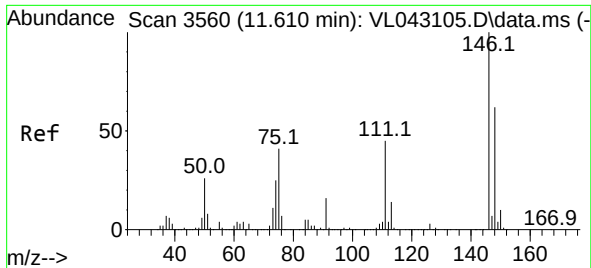
105 100

120 50.4 42.8 64.2

91 81.1 68.3 102.5

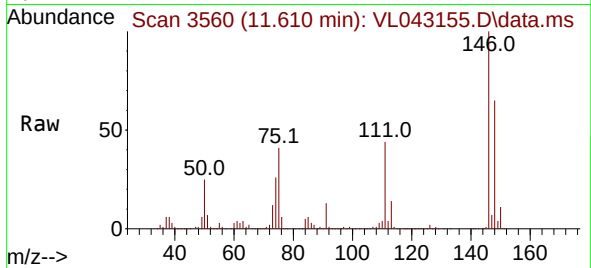
77 28.8 23.4 35.0





#75
1,3-Dichlorobenzene
Concen: 10.943 ppbv
RT: 11.610 min Scan# 3560
Delta R.T. -0.000 min
Lab File: VL043155.D
Acq: 06 Nov 2025 07:19

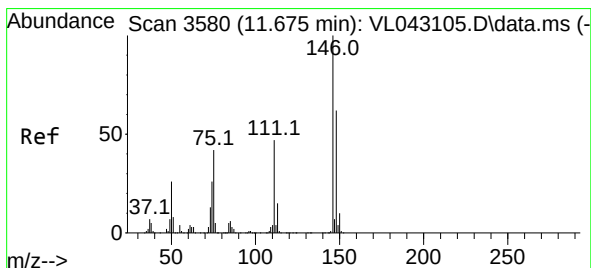
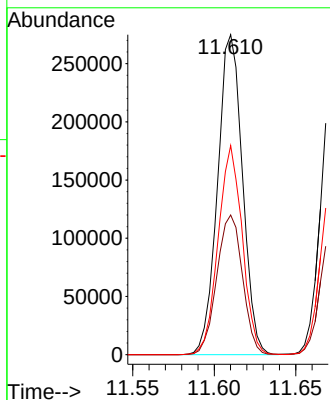
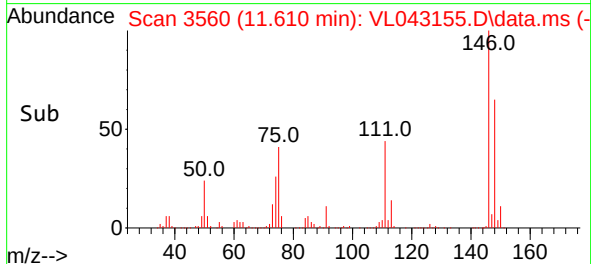
Instrument : MSVOA_L
ClientSampleId : VSTDCCC010



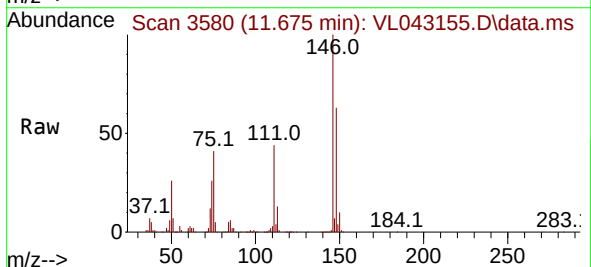
Tgt Ion:146 Resp: 291949
Ion Ratio Lower Upper
146 100
111 45.0 23.3 69.9
148 63.2 31.6 95.0

Manual Integrations
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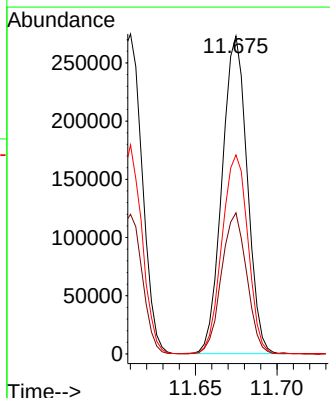
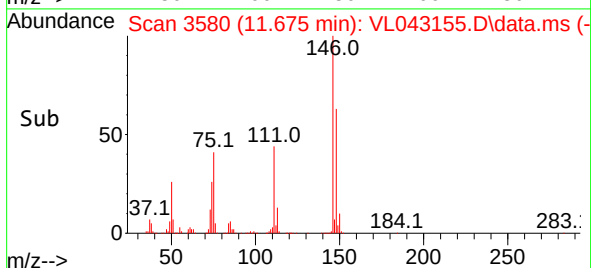
Reviewed By :Semsettin Yesilyurt 11/07/2025
Supervised By :Mahesh Dadoda 11/10/2025

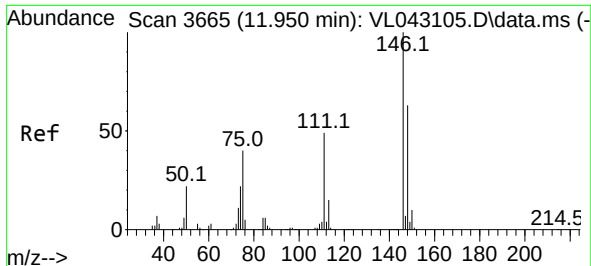


#76
1,4-Dichlorobenzene
Concen: 10.872 ppbv
RT: 11.675 min Scan# 3580
Delta R.T. -0.000 min
Lab File: VL043155.D
Acq: 06 Nov 2025 07:19



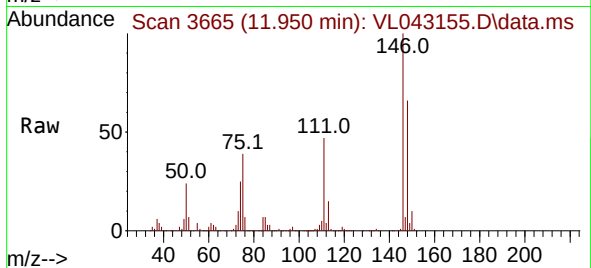
Tgt Ion:146 Resp: 292491
Ion Ratio Lower Upper
146 100
111 44.8 22.4 67.0
148 64.9 31.6 94.7





#77
1,2-Dichlorobenzene
Concen: 10.670 ppbv
RT: 11.950 min Scan# 3665
Delta R.T. -0.000 min
Lab File: VL043155.D
Acq: 06 Nov 2025 07:19

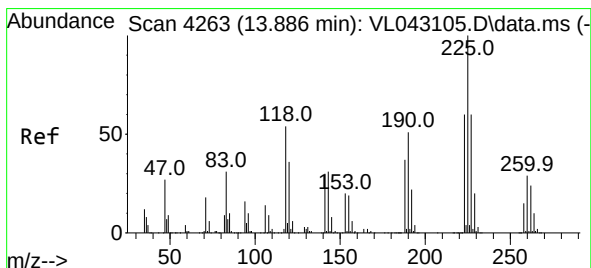
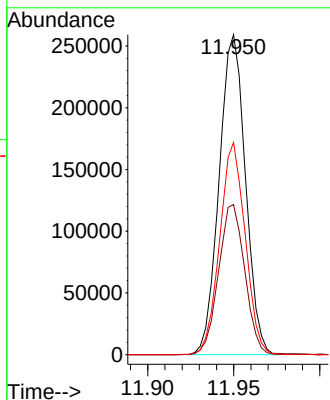
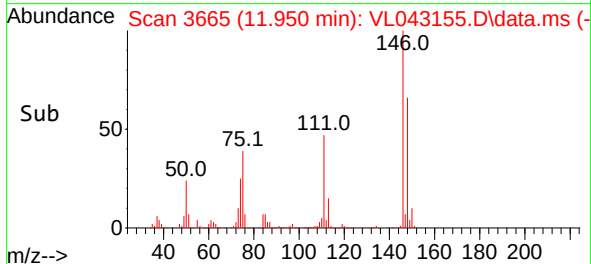
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



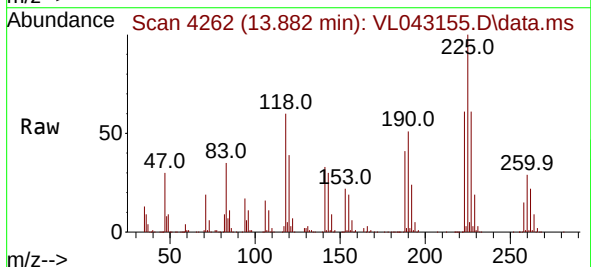
Tgt Ion:146 Resp: 27540
Ion Ratio Lower Upper
146 100
111 46.9 24.0 72.0
148 64.3 31.1 93.3

Manual Integrations
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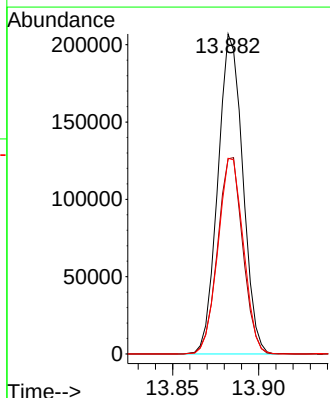
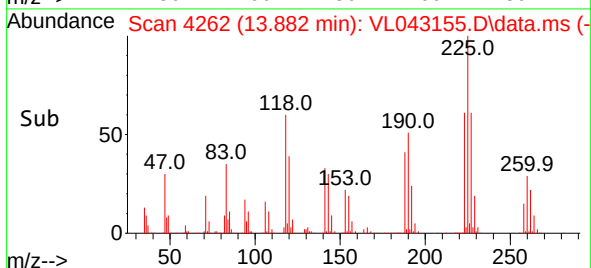
Reviewed By :Semsettin Yesilyurt 11/07/2025
Supervised By :Mahesh Dadoda 11/10/2025

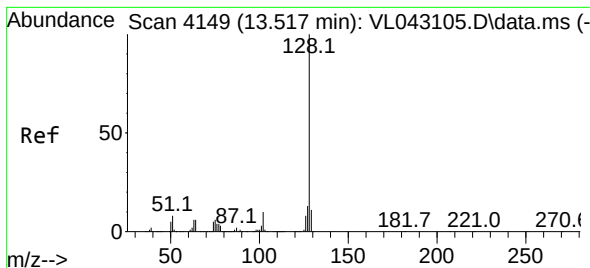


#78
Hexachloro-1,3-Butadiene
Concen: 10.417 ppbv
RT: 13.882 min Scan# 4262
Delta R.T. -0.003 min
Lab File: VL043155.D
Acq: 06 Nov 2025 07:19



Tgt Ion:225 Resp: 208179
Ion Ratio Lower Upper
225 100
223 62.2 50.2 75.4
227 62.5 49.6 74.4





#79

Naphthalene

Concen: 10.113 ppbv

RT: 13.516 min Scan# 4149

Delta R.T. -0.000 min

Lab File: VL043155.D

Acq: 06 Nov 2025 07:19

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:128 Resp: 486229

Ion Ratio Lower Upper

128 100

127 13.3 10.5 15.7

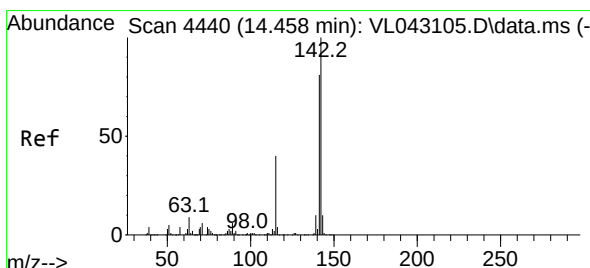
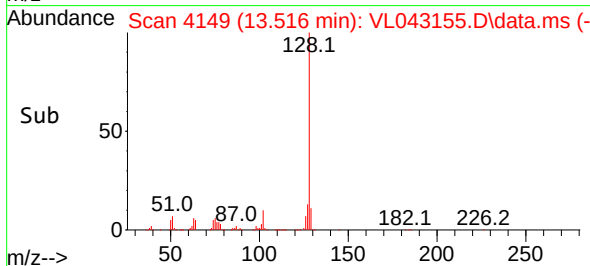
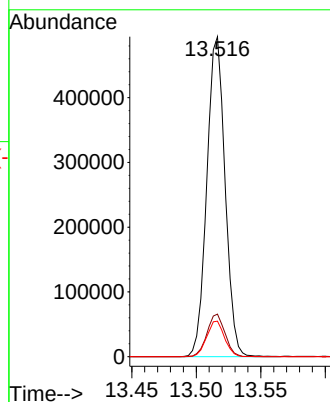
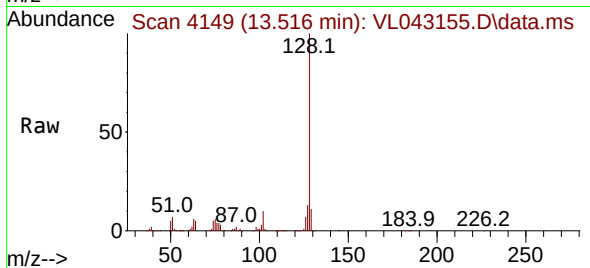
129 11.1 9.1 13.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/07/2025

Supervised By :Mahesh Dadoda 11/10/2025



#80

Naphthalene,2-methyl-

Concen: 10.942 ppbv

RT: 14.462 min Scan# 4441

Delta R.T. 0.003 min

Lab File: VL043155.D

Acq: 06 Nov 2025 07:19

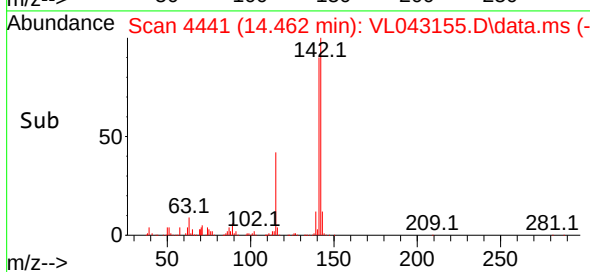
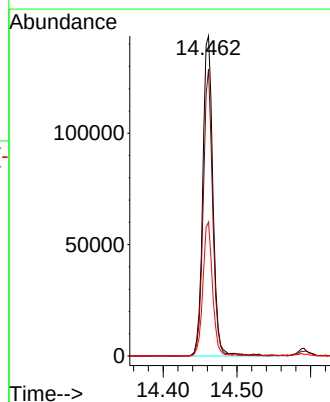
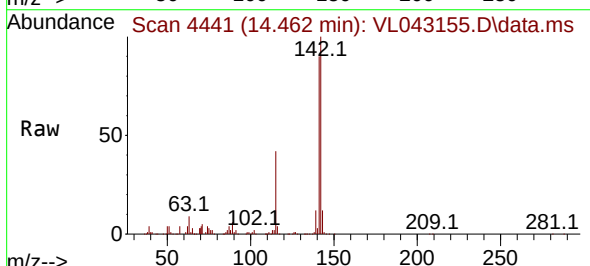
Tgt Ion:142 Resp: 137059

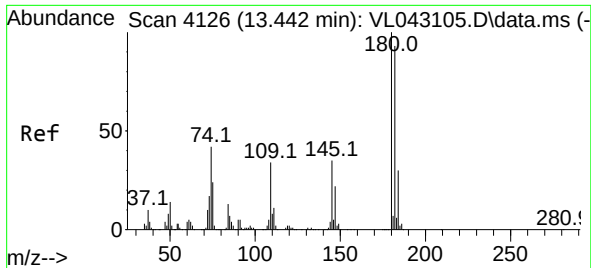
Ion Ratio Lower Upper

142 100

141 83.9 64.6 97.0

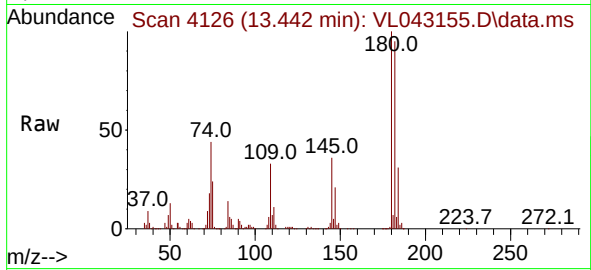
115 40.3 30.2 45.4





#81
 1,2,4-Trichlorobenzene
 Concen: 10.750 ppbv
 RT: 13.442 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VL043155.D
 Acq: 06 Nov 2025 07:19

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion:180 Resp: 214527
 Ion Ratio Lower Upper
 180 100
 182 96.4 75.5 113.3
 184 30.9 23.9 35.9

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 11/07/2025
 Supervised By :Mahesh Dadoda 11/10/2025

