

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111125\
 Data File : VL043182.D
 Acq On : 11 Nov 2025 09:44
 Operator : SY/MD
 Sample : VL1111ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1111ABS01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 11/13/2025
 Supervised By :Mahesh Dadoda 11/13/2025

Quant Time: Nov 12 00:14:13 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	2.797	49	132945	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.971	114	371877	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.894	117	319598	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 10.386 95 253333 10.198 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 102.000%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.502	85	185561	9.818	ppbv	98
3) Chlorodifluoromethane	1.479	51	202722	9.914	ppbv	100
4) Chloromethane	1.538	50	63651	8.501	ppbv	98
5) Vinyl Chloride	1.586	62	63342	8.625	ppbv	98
6) Bromomethane	1.673	94	38774	9.628	ppbv	92
7) Chloroethane	1.709	64	25107	8.362	ppbv	99
8) Dichlorotetrafluoroethane	1.560	85	145490	9.524	ppbv	90
9) Propene	1.489	41	77698	8.567	ppbv	100
10) Heptane	5.001	43	245906	9.418	ppbv	98
11) Trichlorofluoromethane	1.884	101	196430	10.625	ppbv	95
12) 1,1,2-Trichlorotrifluo...	2.149	101	153358	10.304	ppbv	95
13) Ethanol	1.725	45	22602	6.737	ppbv	95
14) Bromoethene	1.787	108	54349	9.829	ppbv	97
15) Acetone	1.842	43	153795	8.583	ppbv	100
16) 1,3-Butadiene	1.615	39	69585	8.148	ppbv	97
17) tert-Butyl alcohol	2.046	59	214991	8.741	ppbv	99
18) 1,1-Dichloroethene	2.042	96	66205	10.203	ppbv	86
19) Isopropyl Alcohol	1.890	45	92615	8.299	ppbv	93
20) Methylene Chloride	2.068	84	58288	8.229	ppbv	90
21) Allyl Chloride	2.104	41	113692	8.610	ppbv	95
22) trans-1,2-Dichloroethene	2.350	96	76058	9.806	ppbv	91
23) Vinyl Acetate	2.470	43	277590	10.575	ppbv #	97
24) 1,1-Dichloroethane	2.418	63	145976	9.741	ppbv	99
25) Ethyl Acetate	2.842	43	437842	9.853	ppbv	99
26) Hexane	2.839	57	196817	9.612	ppbv	99
27) Carbon Disulfide	2.159	76	182505	9.728	ppbv	98
28) Methyl tert-Butyl Ether	2.447	73	78683	8.447	ppbv	95
29) Chloroform	2.858	83	299965	10.111	ppbv	97
30) Cyclohexane	3.871	84	154641	8.653	ppbv	98
31) cis-1,2-Dichloroethene	2.732	61	193687	9.906	ppbv	96
32) 1,1,1-Trichloroethane	3.379	97	294917	9.546	ppbv	99
34) 2-Butanone	2.564	43	295824	11.834	ppbv	99
35) Carbon Tetrachloride	3.777	117	300843	11.252	ppbv	95
36) Benzene	3.670	78	384993	10.992	ppbv	98
37) 1,2-Dichloroethane	3.230	62	231038	11.451	ppbv	98
38) Trichloroethene	4.564	130	143138	9.785	ppbv	95
39) 1,2-Dichloropropane	4.327	63	143822	11.232	ppbv	98
40) 1,4-Dioxane	4.596	88	58309	10.176	ppbv #	97
41) Tetrahydrofuran	3.062	42	151781	10.856	ppbv	97
42) Bromodichloromethane	4.506	83	317121	11.356	ppbv	99
43) Methyl Methacrylate	4.894	69	182788	10.275	ppbv	99
44) 2,2,4-Trimethylpentane	4.658	57	648709	10.978	ppbv	99
45) t-1,3-Dichloropropene	6.435	75	176159	9.868	ppbv	98

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Instrument :
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Manual Integrations
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 Supervised By : Mahesh Dadoda 11/13/2025

Quant Time: Nov 12 00:14:13 2025

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

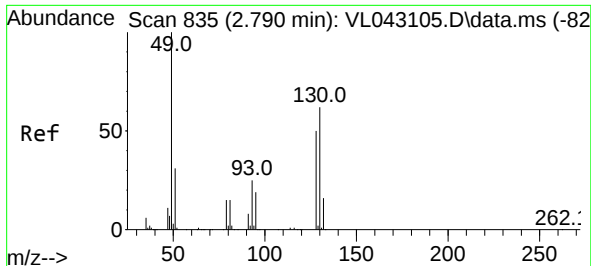
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2025

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

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.619	75	218429	10.243	ppbv	98
47) 1,1,2-Trichloroethane	6.596	97	149388	10.804	ppbv	97
48) Dibromochloromethane	7.402	129	252486	10.921	ppbv	99
49) Bromoform	9.493	173	214024	11.389	ppbv	100
50) 4-Methyl-2-Pentanone	5.768	43	366734	10.630	ppbv	98
51) 2-Hexanone	7.448	43	276033	10.668	ppbv #	98
52) Tetrachloroethene	8.241	164	130356	10.321	ppbv	95
53) Toluene	6.949	91	418643	10.071	ppbv	98
54) 1,2-Dibromoethane	7.668	107	227323	10.496	ppbv	99
56) 1,1,1,2-Tetrachloroethane	8.936	131	233353	11.583	ppbv	99
57) Chlorobenzene	8.933	112	323899	10.833	ppbv	98
58) Ethyl Benzene	9.367	91	582083	10.612	ppbv	96
59) m/p-Xylene	9.561	91	957056m	21.876	ppbv	
60) o-Xylene	9.975	91	471216	10.905	ppbv	100
61) Styrene	9.882	104	194333	9.963	ppbv	99
62) Isopropylbenzene	10.548	105	849266	10.877	ppbv	99
63) 1,1,2,2-Tetrachloroethane	9.972	83	321950	11.128	ppbv	99
64) n-propylbenzene	10.998	120	219996	10.643	ppbv	93
65) tert-Butylbenzene	11.542	119	717705	10.409	ppbv	98
66) Benzyl Chloride	11.626	91	65105	8.484	ppbv	99
67) sec-Butylbenzene	11.778	105	1052044	10.751	ppbv	99
69) p-Isopropyltoluene	11.934	119	871080	10.476	ppbv	99
70) n-Butylbenzene	12.290	91	886686	10.821	ppbv	99
71) 2-Chlorotoluene	10.911	91	636102	10.682	ppbv	100
72) 4-Ethyltoluene	11.134	105	580283	10.922	ppbv	99
73) 1,3,5-Trimethylbenzene	11.212	105	480244	10.960	ppbv	95
74) 1,2,4-Trimethylbenzene	11.545	105	525205	10.711	ppbv	98
75) 1,3-Dichlorobenzene	11.616	146	319259	11.226	ppbv	99
76) 1,4-Dichlorobenzene	11.681	146	321653	11.217	ppbv	99
77) 1,2-Dichlorobenzene	11.956	146	305054	11.088	ppbv	98
78) Hexachloro-1,3-Butadiene	13.889	225	218622	10.263	ppbv	100
79) Naphthalene	13.523	128	521984	10.185	ppbv	98
80) Naphthalene,2-methyl-	14.468	142	137988	10.334	ppbv	97
81) 1,2,4-Trichlorobenzene	13.448	180	229167	10.773	ppbv	99

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



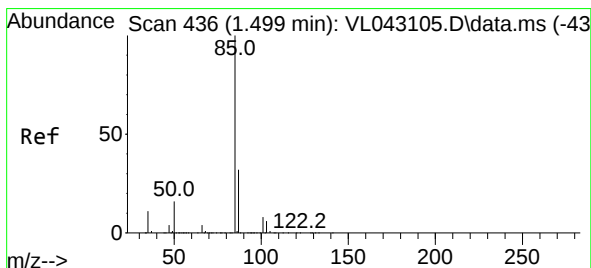
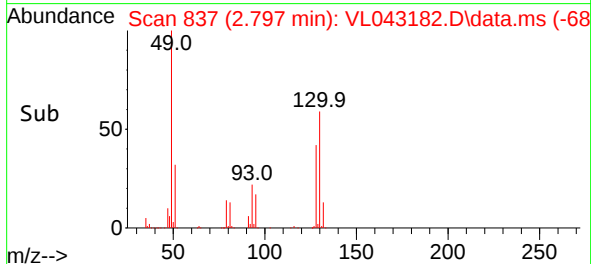
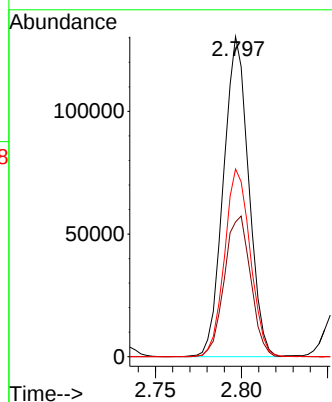
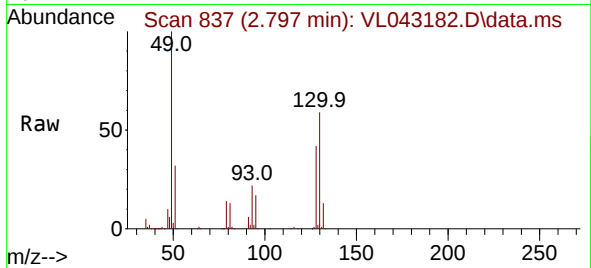
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Bromochloromethane
Concen: 10.000 ppbv
RT: 2.797 min Scan# 81
Delta R.T. 0.007 min
Lab File: VL043182.D
Acq: 11 Nov 2025 09:44

Instrument :
MSVOA_L
ClientSampleId :
VL1111ABS01

Tgt Ion: 49 Resp: 132945
Ion Ratio Lower Upper
49 100
128 45.9 24.4 73.4
130 59.7 31.0 93.0

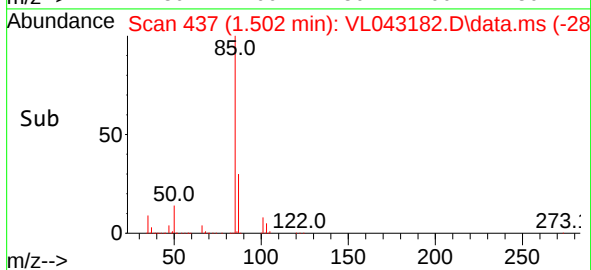
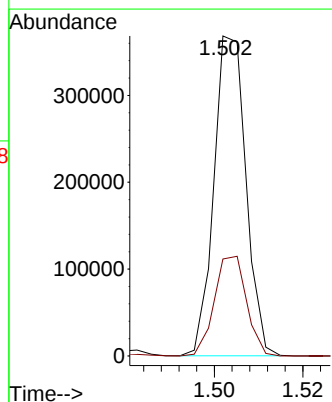
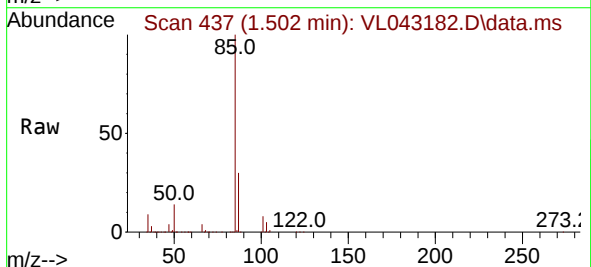
Manual Integrations
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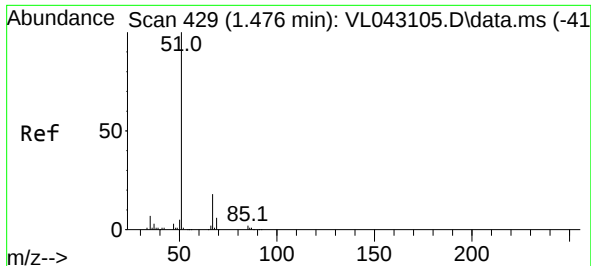
Reviewed By :Semsettin Yesilyurt 11/13/2025
Supervised By :Mahesh Dadoda 11/13/2025



#2
Dichlorodifluoromethane
Concen: 9.818 ppbv
RT: 1.502 min Scan# 437
Delta R.T. 0.003 min
Lab File: VL043182.D
Acq: 11 Nov 2025 09:44

Tgt Ion: 85 Resp: 185561
Ion Ratio Lower Upper
85 100
87 30.3 25.3 37.9





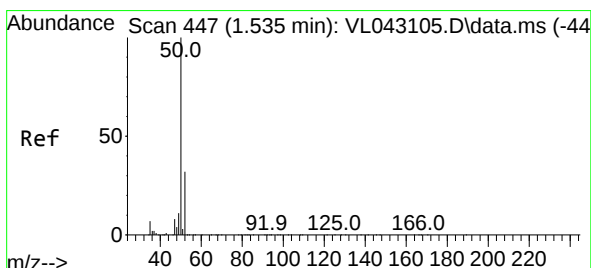
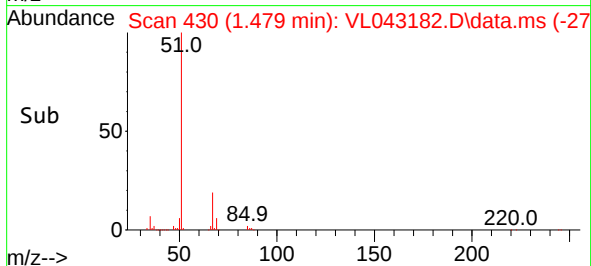
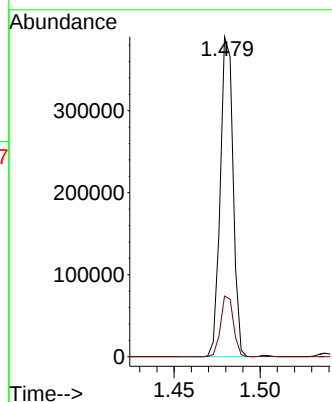
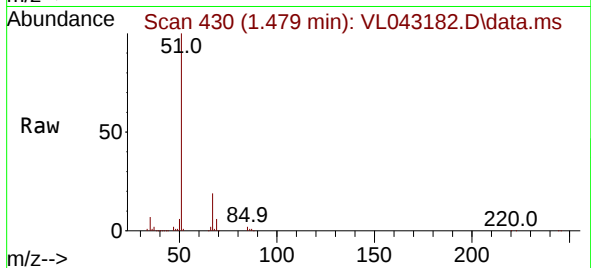
#3
Chlorodifluoromethane
Concen: 9.914 ppbv
RT: 1.479 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL043182.D
Acq: 11 Nov 2025 09:44

Instrument :
MSVOA_L
ClientSampleId :
VL1111ABS01

Tgt Ion: 51 Resp: 20272
Ion Ratio Lower Upper
51 100
67 19.0 15.1 22.7

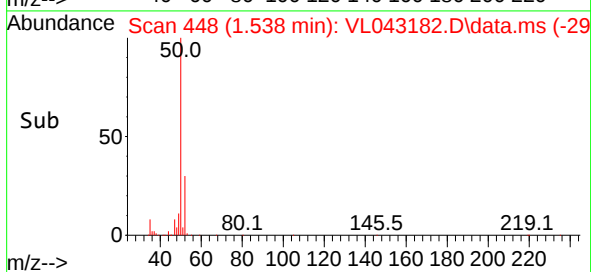
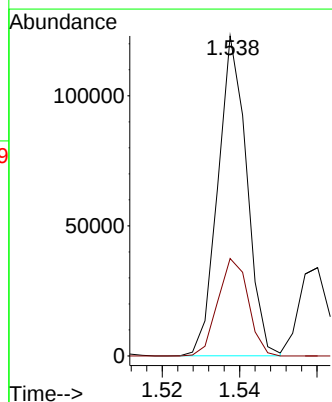
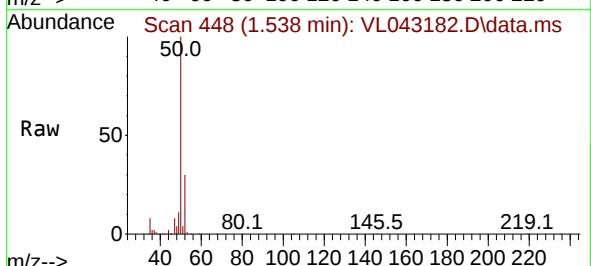
Manual Integrations
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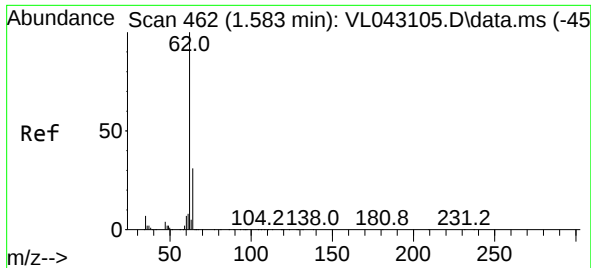
Reviewed By :Semsettin Yesilyurt 11/13/2025
Supervised By :Mahesh Dadoda 11/13/2025



#4
Chloromethane
Concen: 8.501 ppbv
RT: 1.538 min Scan# 448
Delta R.T. 0.003 min
Lab File: VL043182.D
Acq: 11 Nov 2025 09:44

Tgt Ion: 50 Resp: 63651
Ion Ratio Lower Upper
50 100
52 30.5 25.2 37.8





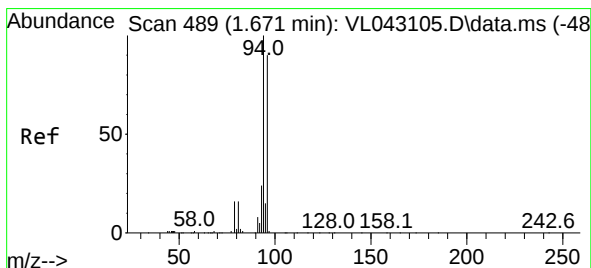
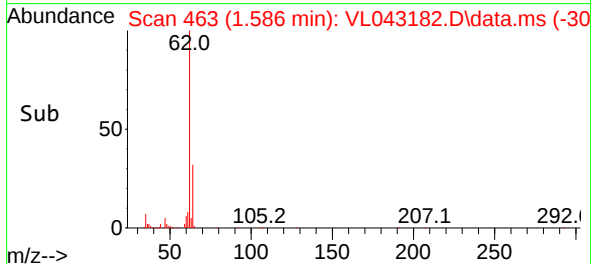
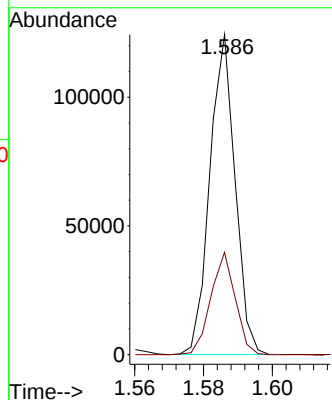
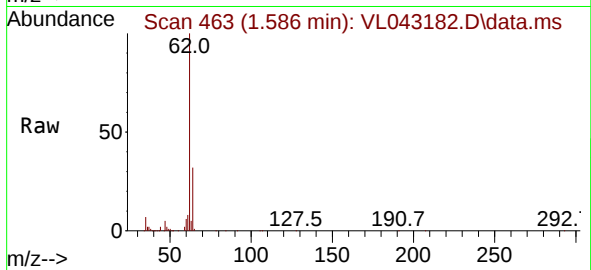
#5
 Vinyl Chloride
 Concen: 8.625 ppbv
 RT: 1.586 min Scan# 40
 Delta R.T. 0.003 min
 Lab File: VL043182.D
 Acq: 11 Nov 2025 09:44

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1111ABS01

Tgt Ion: 62 Resp: 6334
 Ion Ratio Lower Upper
 62 100
 64 32.0 24.6 36.8

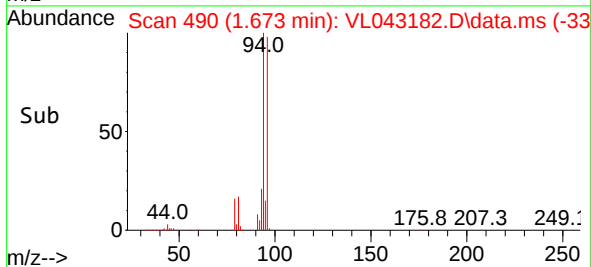
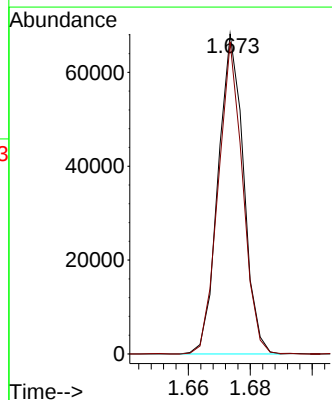
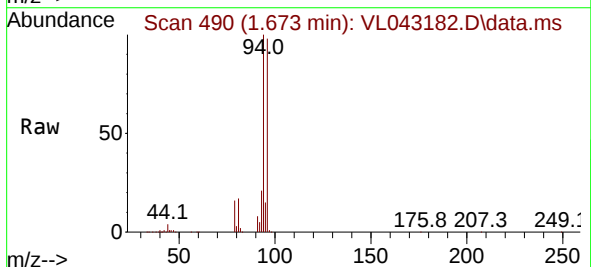
Manual Integrations
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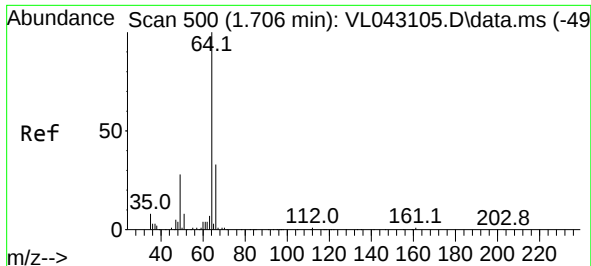
Reviewed By :Semsettin Yesilyurt 11/13/2025
 Supervised By :Mahesh Dadoda 11/13/2025



#6
 Bromomethane
 Concen: 9.628 ppbv
 RT: 1.673 min Scan# 490
 Delta R.T. 0.003 min
 Lab File: VL043182.D
 Acq: 11 Nov 2025 09:44

Tgt Ion: 94 Resp: 38774
 Ion Ratio Lower Upper
 94 100
 96 97.5 72.2 108.4





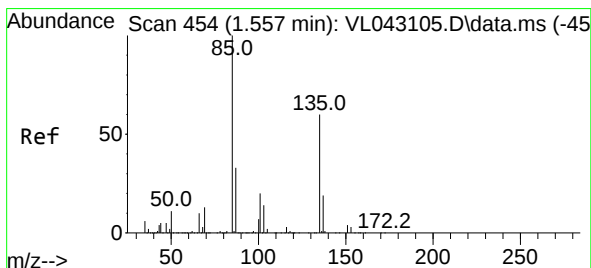
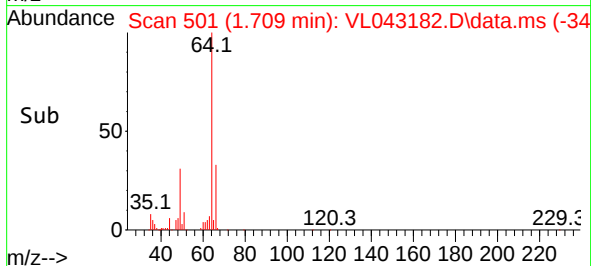
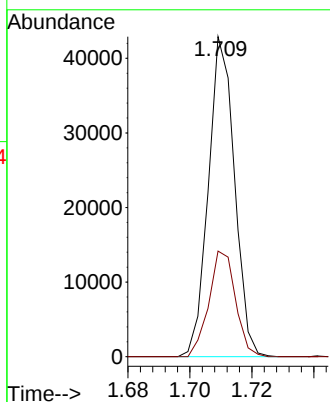
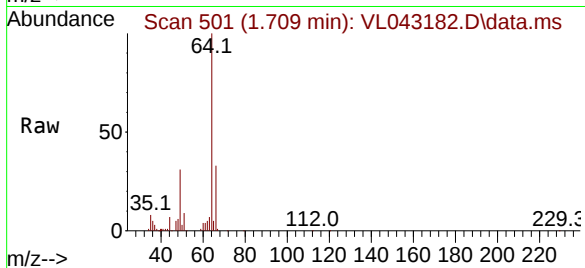
#7
Chloroethane
Concen: 8.362 ppbv
RT: 1.709 min Scan# 500
Delta R.T. 0.003 min
Lab File: VL043182.D
Acq: 11 Nov 2025 09:44

Instrument :
MSVOA_L
ClientSampleId :
VL1111ABS01

Tgt Ion: 64 Resp: 2510
Ion Ratio Lower Upper
64 100
66 33.0 26.0 39.0

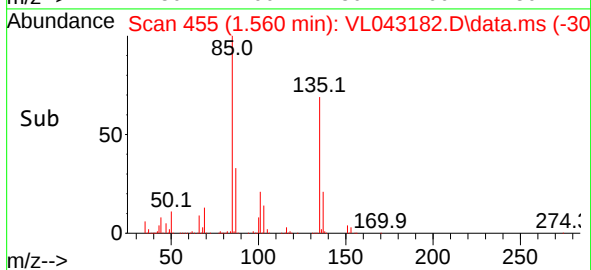
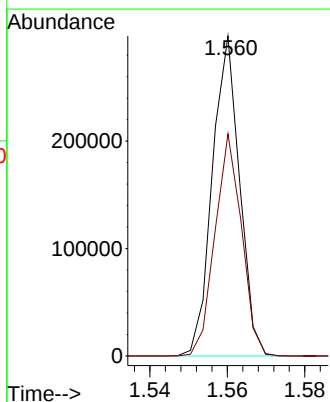
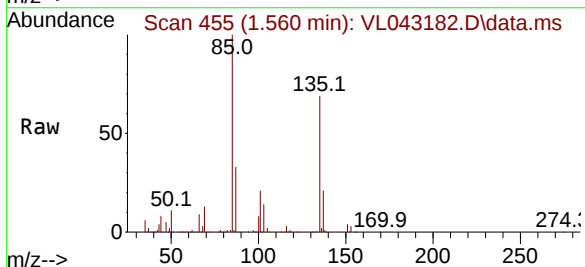
Manual Integrations
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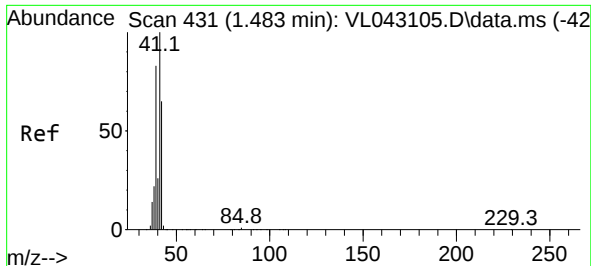
Reviewed By :Semsettin Yesilyurt 11/13/2025
Supervised By :Mahesh Dadoda 11/13/2025



#8
Dichlorotetrafluoroethane
Concen: 9.524 ppbv
RT: 1.560 min Scan# 455
Delta R.T. 0.003 min
Lab File: VL043182.D
Acq: 11 Nov 2025 09:44

Tgt Ion: 85 Resp: 145490
Ion Ratio Lower Upper
85 100
135 67.9 48.2 72.4





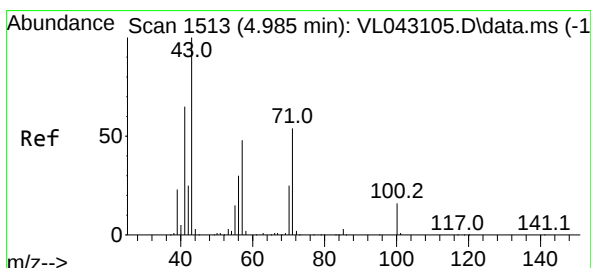
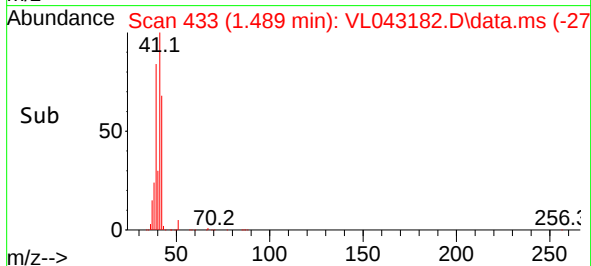
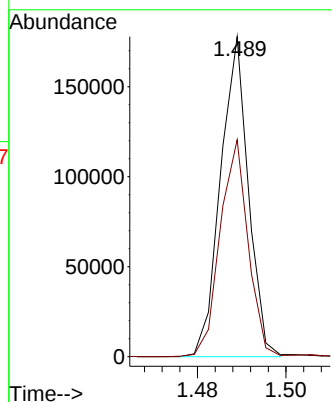
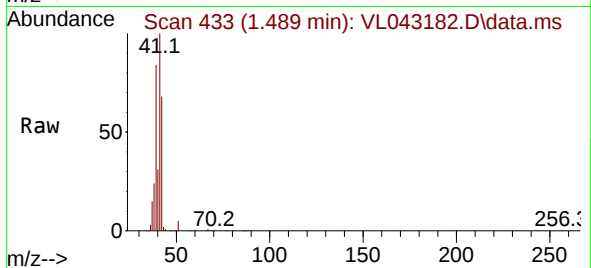
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Propene
Concen: 8.567 ppbv
RT: 1.489 min Scan# 41
Delta R.T. 0.006 min
Lab File: VL043182.D
Acq: 11 Nov 2025 09:44

Instrument :
MSVOA_L
ClientSampleId :
VL1111ABS01

Tgt Ion: 41 Resp: 77698
Ion Ratio Lower Upper
41 100
42 68.9 55.1 82.7

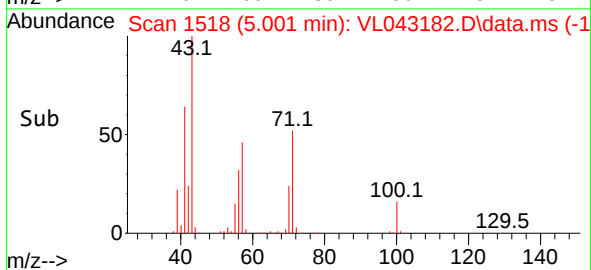
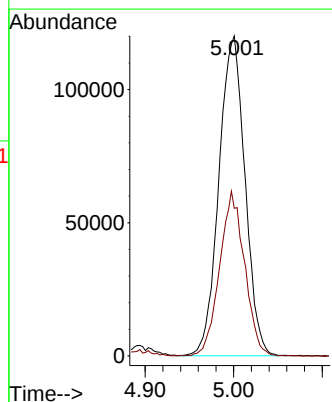
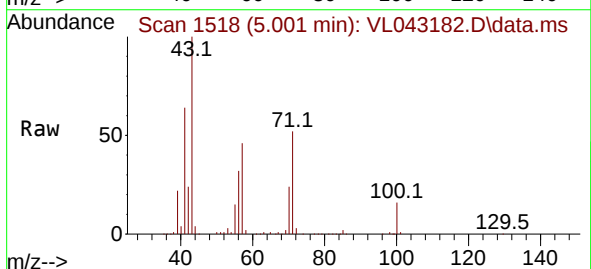
Manual Integrations
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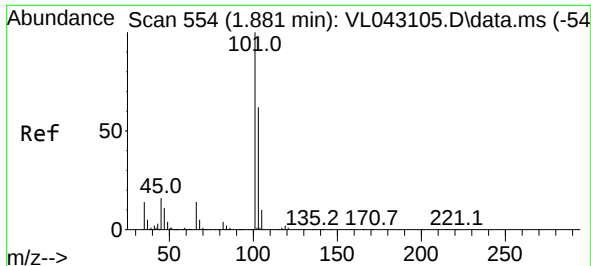
Reviewed By :Semsettin Yesilyurt 11/13/2025
Supervised By :Mahesh Dadoda 11/13/2025



#10
Heptane
Concen: 9.418 ppbv
RT: 5.001 min Scan# 1518
Delta R.T. 0.016 min
Lab File: VL043182.D
Acq: 11 Nov 2025 09:44

Tgt Ion: 43 Resp: 245906
Ion Ratio Lower Upper
43 100
57 49.3 40.8 61.2





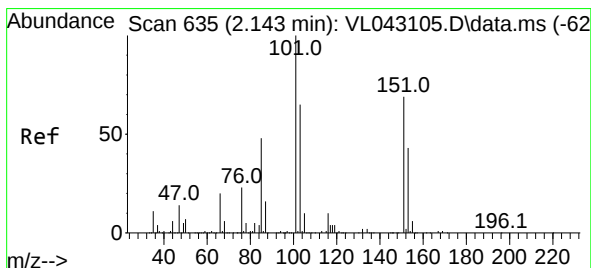
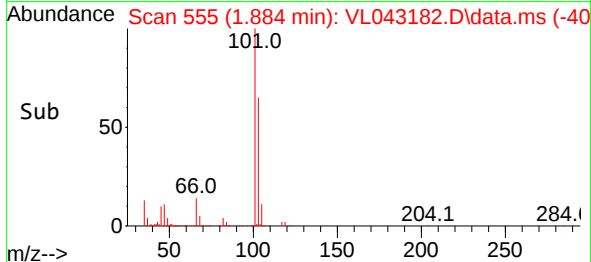
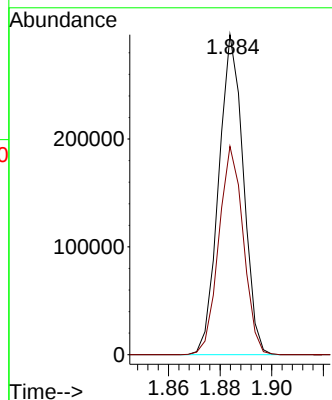
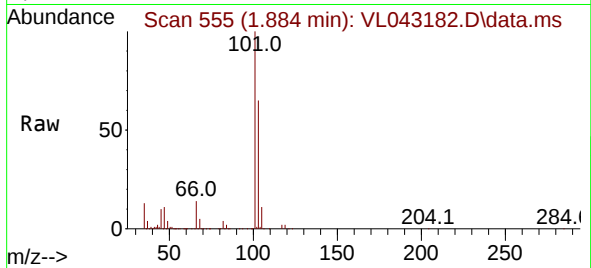
#11
 Trichlorofluoromethane
 Concen: 10.625 ppbv
 RT: 1.884 min Scan# 511
 Delta R.T. 0.003 min
 Lab File: VL043182.D
 Acq: 11 Nov 2025 09:44

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1111ABS01

Tgt Ion:101 Resp: 196430
 Ion Ratio Lower Upper
 101 100
 103 65.1 49.3 73.9

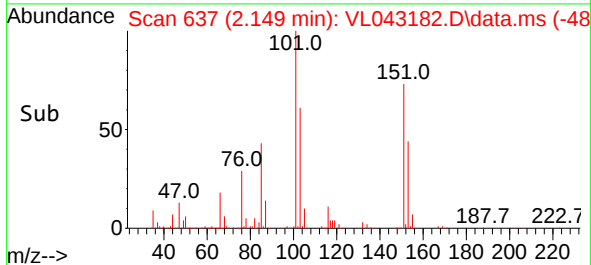
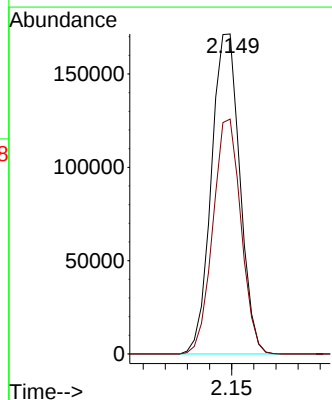
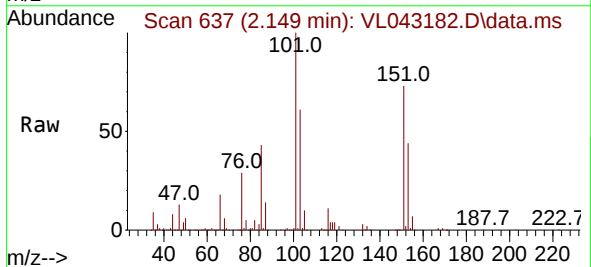
Manual Integrations
 APPROVED

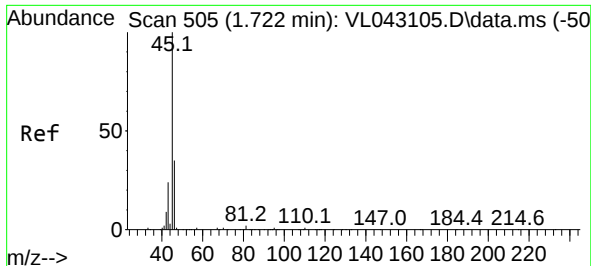
Reviewed By :Semsettin Yesilyurt 11/13/2025
 Supervised By :Mahesh Dadoda 11/13/2025



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 10.304 ppbv
 RT: 2.149 min Scan# 637
 Delta R.T. 0.006 min
 Lab File: VL043182.D
 Acq: 11 Nov 2025 09:44

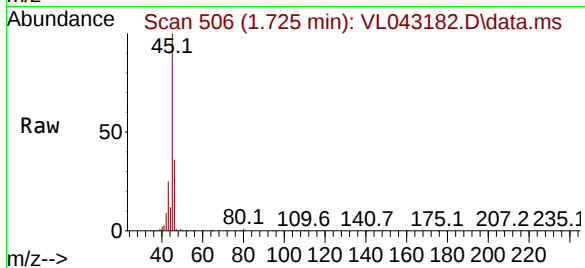
Tgt Ion:101 Resp: 153358
 Ion Ratio Lower Upper
 101 100
 151 72.4 54.7 82.1





#13
Ethanol
Concen: 6.737 ppbv
RT: 1.725 min Scan# 505
Delta R.T. 0.003 min
Lab File: VL043182.D
Acq: 11 Nov 2025 09:44

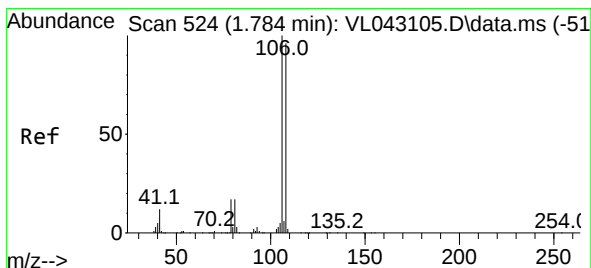
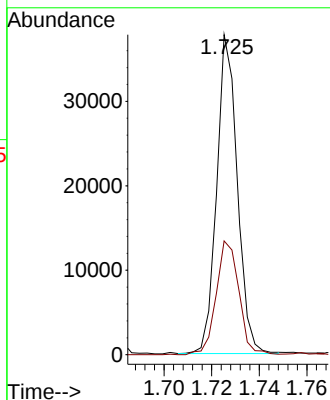
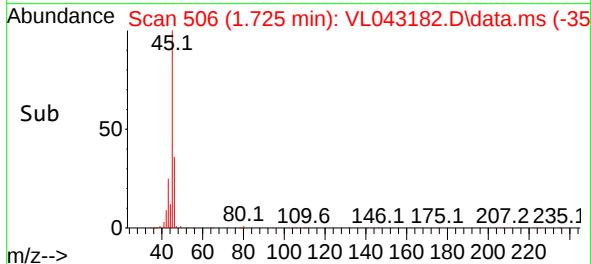
Instrument :
MSVOA_L
ClientSampleId :
VL1111ABS01



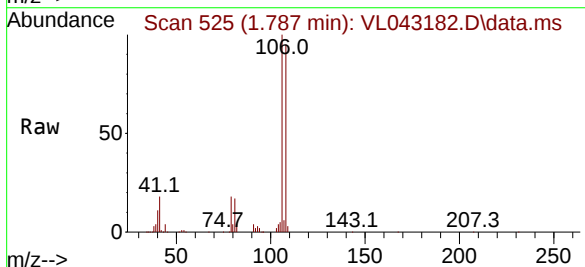
Tgt Ion: 45 Resp: 22602
Ion Ratio Lower Upper
45 100
46 40.0 14.7 58.9

Manual Integrations
APPROVED

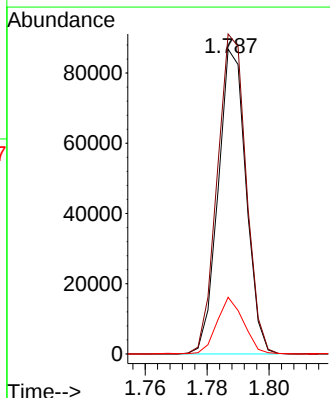
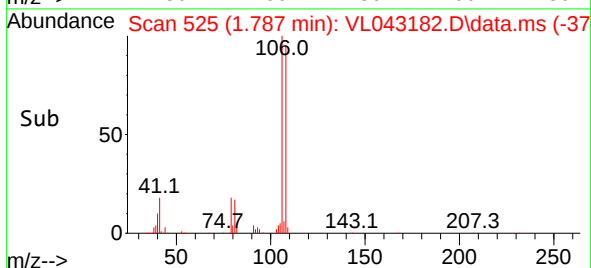
Reviewed By :Semsettin Yesilyurt 11/13/2025
Supervised By :Mahesh Dadoda 11/13/2025

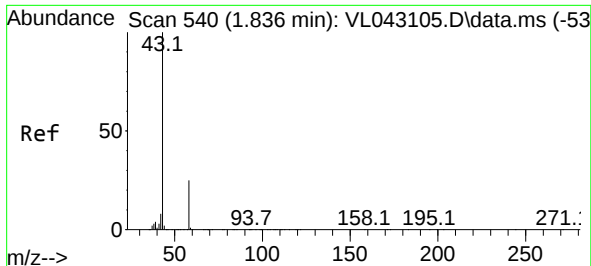


#14
Bromoethene
Concen: 9.829 ppbv
RT: 1.787 min Scan# 525
Delta R.T. 0.003 min
Lab File: VL043182.D
Acq: 11 Nov 2025 09:44



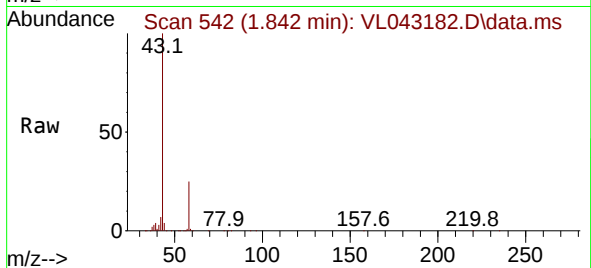
Tgt Ion:108 Resp: 54349
Ion Ratio Lower Upper
108 100
106 108.7 84.4 126.6
79 17.9 15.3 22.9





#15
Acetone
Concen: 8.583 ppbv
RT: 1.842 min Scan# 540
Delta R.T. 0.006 min
Lab File: VL043182.D
Acq: 11 Nov 2025 09:44

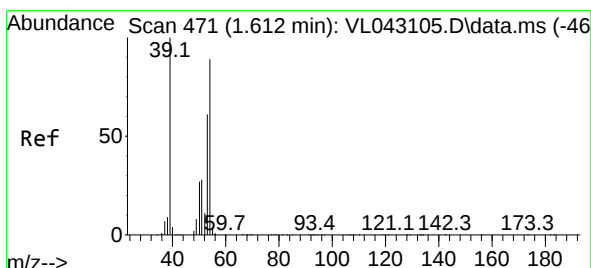
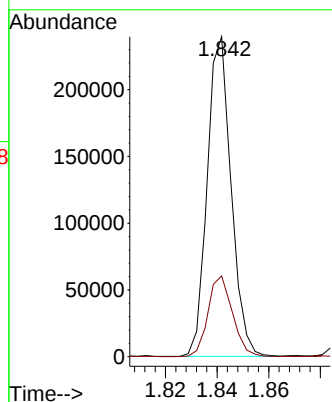
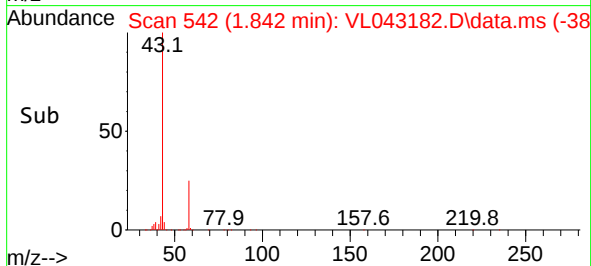
Instrument :
MSVOA_L
ClientSampleId :
VL1111ABS01



Tgt Ion: 43 Resp: 153795
Ion Ratio Lower Upper
43 100
58 26.1 20.8 31.2

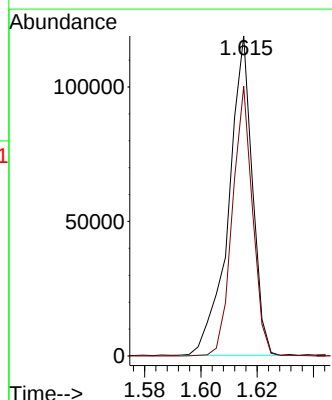
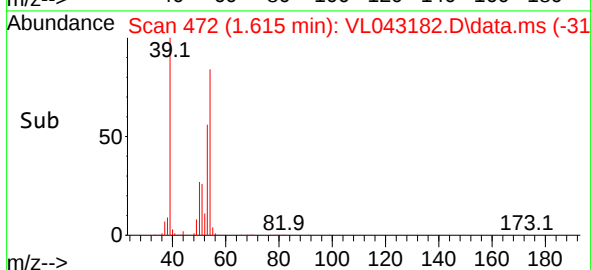
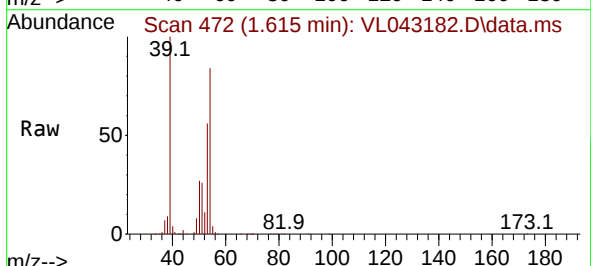
Manual Integrations
APPROVED

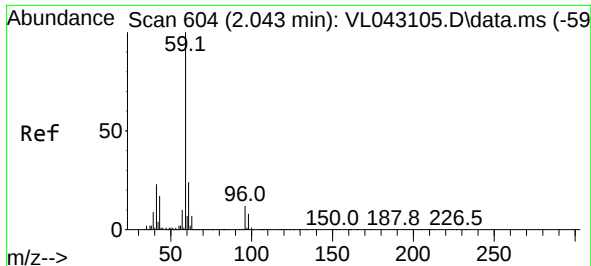
Reviewed By :Semsettin Yesilyurt 11/13/2025
Supervised By :Mahesh Dadoda 11/13/2025



#16
1,3-Butadiene
Concen: 8.148 ppbv
RT: 1.615 min Scan# 472
Delta R.T. 0.003 min
Lab File: VL043182.D
Acq: 11 Nov 2025 09:44

Tgt Ion: 39 Resp: 69585
Ion Ratio Lower Upper
39 100
54 71.5 59.0 88.4





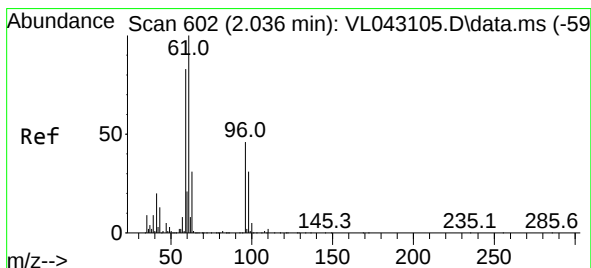
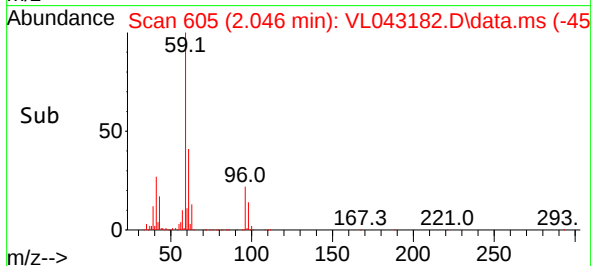
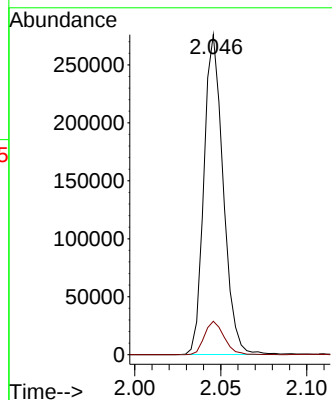
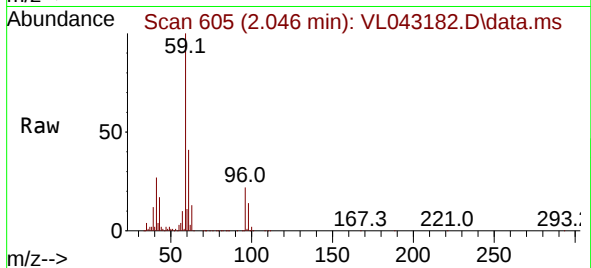
#17
tert-Butyl alcohol
Concen: 8.741 ppbv
RT: 2.046 min Scan# 604
Delta R.T. 0.003 min
Lab File: VL043182.D
Acq: 11 Nov 2025 09:44

Instrument :
MSVOA_L
ClientSampleId :
VL1111ABS01

Tgt Ion: 59 Resp: 21499
Ion Ratio Lower Upper
59 100
57 10.7 8.2 12.4

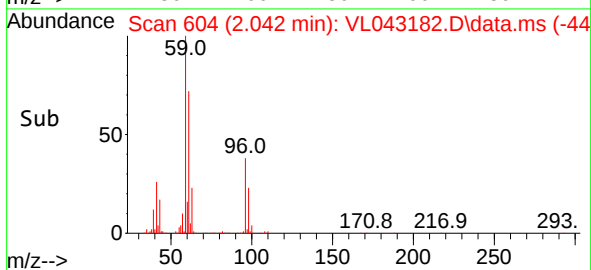
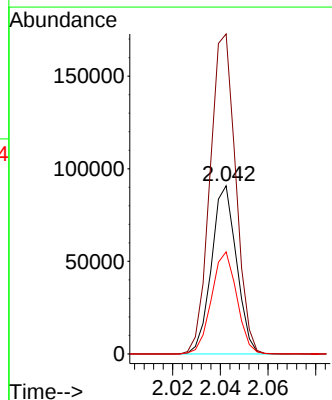
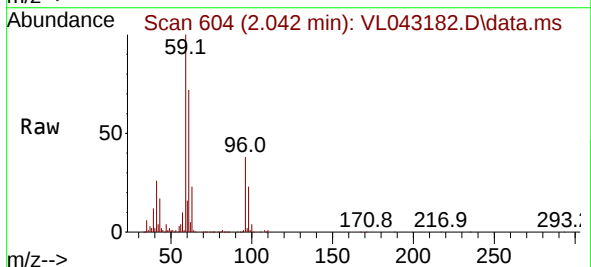
Manual Integrations
APPROVED

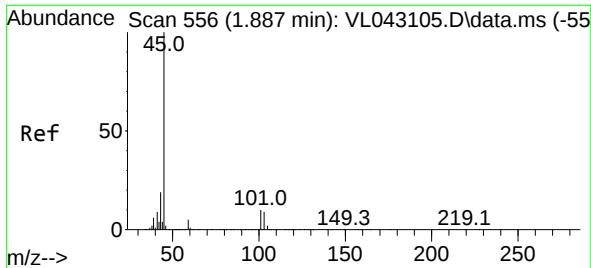
Reviewed By :Semsettin Yesilyurt 11/13/2025
Supervised By :Mahesh Dadoda 11/13/2025



#18
1,1-Dichloroethene
Concen: 10.203 ppbv
RT: 2.042 min Scan# 604
Delta R.T. 0.006 min
Lab File: VL043182.D
Acq: 11 Nov 2025 09:44

Tgt Ion: 96 Resp: 66205
Ion Ratio Lower Upper
96 100
61 190.2 173.4 260.0
98 60.7 53.2 79.8





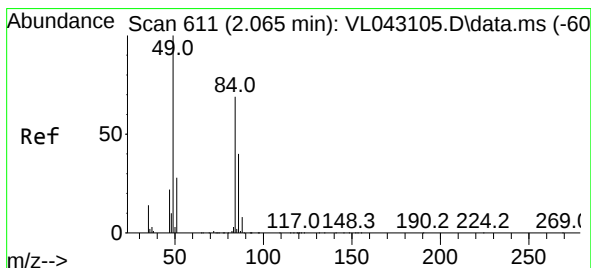
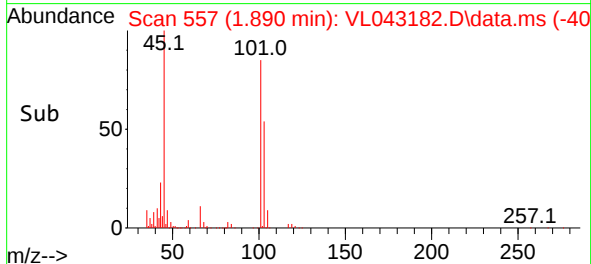
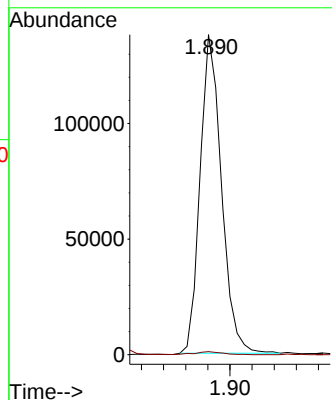
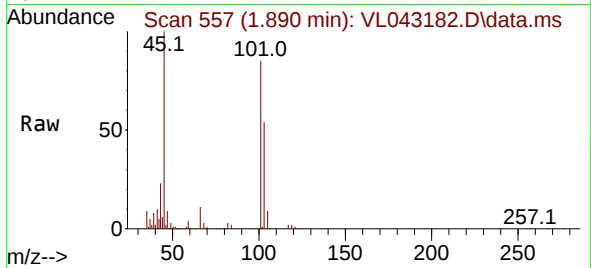
#19
Isopropyl Alcohol
Concen: 8.299 ppbv
RT: 1.890 min Scan# 511
Delta R.T. 0.003 min
Lab File: VL043182.D
Acq: 11 Nov 2025 09:44

Instrument :
MSVOA_L
ClientSampleId :
VL1111ABS01

Tgt Ion: 45 Resp: 92615
Ion Ratio Lower Upper
45 100
58 43.3 31.3 46.9

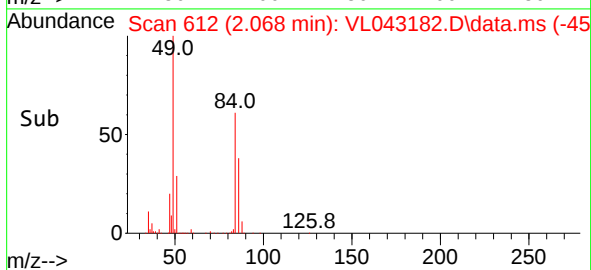
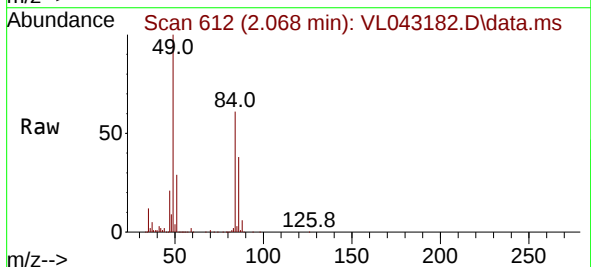
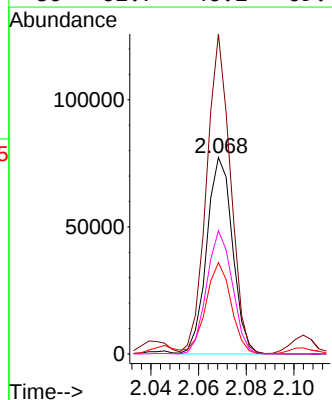
Manual Integrations
APPROVED

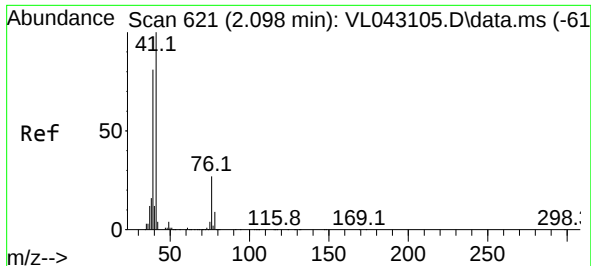
Reviewed By :Semsettin Yesilyurt 11/13/2025
Supervised By :Mahesh Dadoda 11/13/2025



#20
Methylene Chloride
Concen: 8.229 ppbv
RT: 2.068 min Scan# 612
Delta R.T. 0.003 min
Lab File: VL043182.D
Acq: 11 Nov 2025 09:44

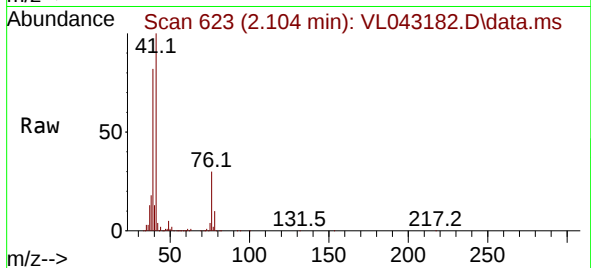
Tgt Ion: 84 Resp: 58288
Ion Ratio Lower Upper
84 100
49 161.8 116.6 175.0
51 46.0 34.8 52.2
86 62.7 46.2 69.4





#21
 Allyl Chloride
 Concen: 8.610 ppbv
 RT: 2.104 min Scan# 611
 Delta R.T. 0.006 min
 Lab File: VL043182.D
 Acq: 11 Nov 2025 09:44

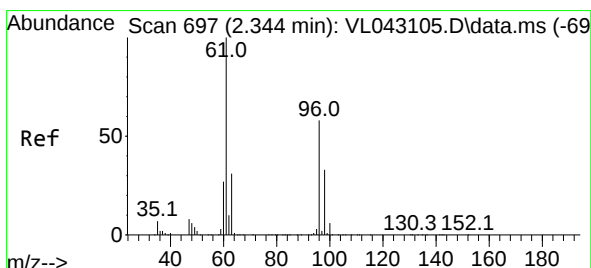
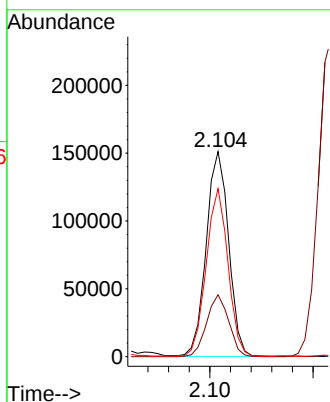
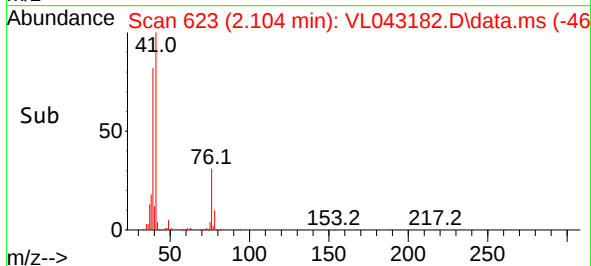
Instrument :
 MSVOA_L
 ClientSampleId :
 VL1111ABS01



Tgt Ion: 41 Resp: 113692
 Ion Ratio Lower Upper
 41 100
 76 29.7 21.5 32.3
 39 79.6 60.8 91.2

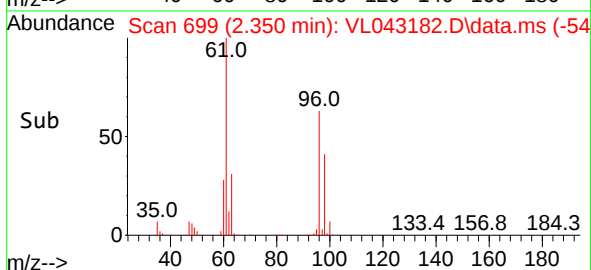
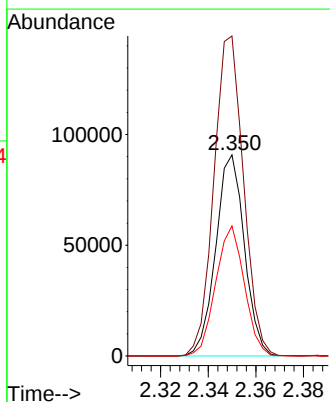
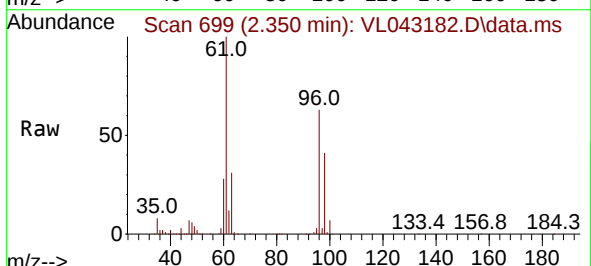
Manual Integrations
 APPROVED

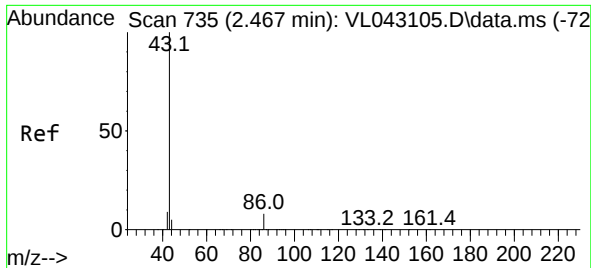
Reviewed By :Semsettin Yesilyurt 11/13/2025
 Supervised By :Mahesh Dadoda 11/13/2025



#22
 trans-1,2-Dichloroethene
 Concen: 9.806 ppbv
 RT: 2.350 min Scan# 699
 Delta R.T. 0.006 min
 Lab File: VL043182.D
 Acq: 11 Nov 2025 09:44

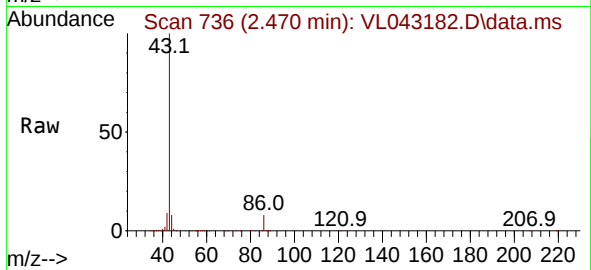
Tgt Ion: 96 Resp: 76058
 Ion Ratio Lower Upper
 96 100
 61 159.1 137.0 205.6
 98 64.7 45.5 68.3





#23
 Vinyl Acetate
 Concen: 10.575 ppbv
 RT: 2.470 min Scan# 71
 Delta R.T. 0.003 min
 Lab File: VL043182.D
 Acq: 11 Nov 2025 09:44

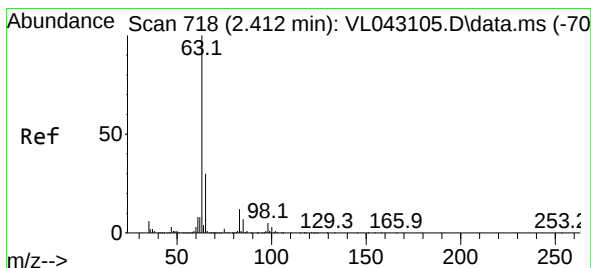
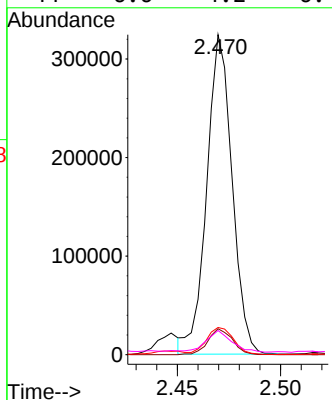
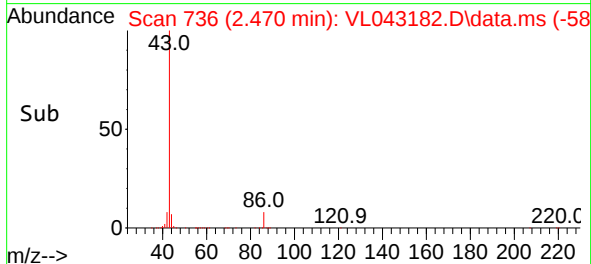
Instrument :
 MSVOA_L
 ClientSampleId :
 VL1111ABS01



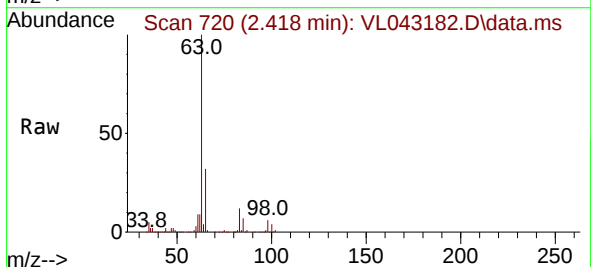
Tgt Ion: 43 Resp: 277590
 Ion Ratio Lower Upper
 43 100
 86 8.1 6.2 9.2
 42 8.5 7.6 11.4
 44 6.6 4.2 6.4#

Manual Integrations
 APPROVED

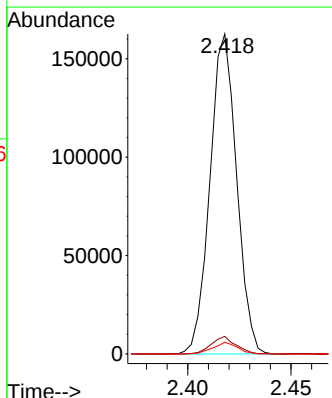
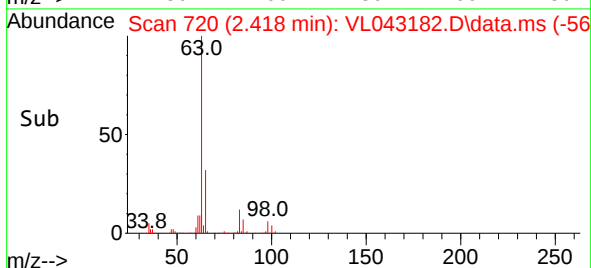
Reviewed By :Semsettin Yesilyurt 11/13/2025
 Supervised By :Mahesh Dadoda 11/13/2025

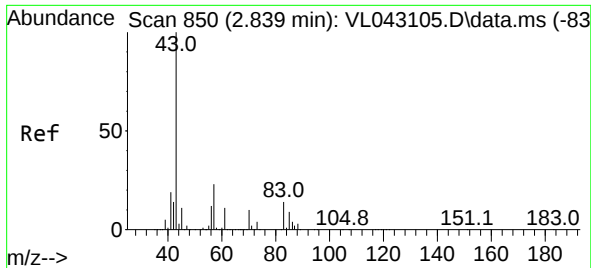


#24
 1,1-Dichloroethane
 Concen: 9.741 ppbv
 RT: 2.418 min Scan# 720
 Delta R.T. 0.006 min
 Lab File: VL043182.D
 Acq: 11 Nov 2025 09:44



Tgt Ion: 63 Resp: 145976
 Ion Ratio Lower Upper
 63 100
 98 5.5 2.6 7.8
 100 3.7 1.5 4.4





#25
Ethyl Acetate
Concen: 9.853 ppbv
RT: 2.842 min Scan# 81
Delta R.T. 0.003 min
Lab File: VL043182.D
Acq: 11 Nov 2025 09:44

Instrument :

MSVOA_L

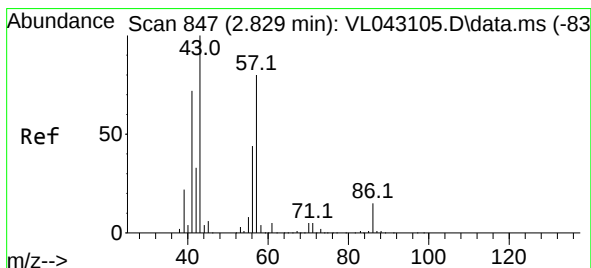
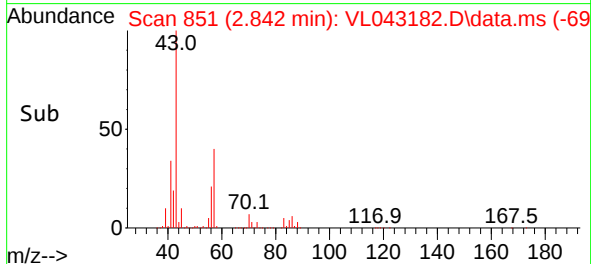
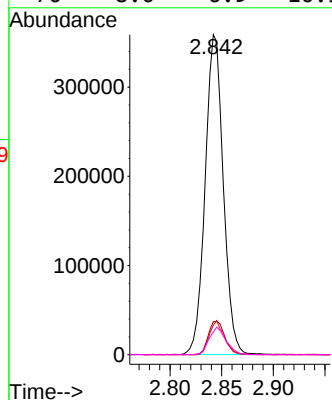
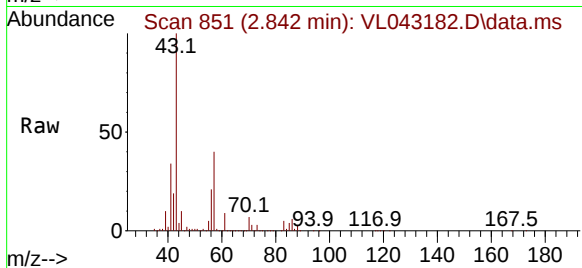
ClientSampleId :

VL1111ABS01

Tgt Ion: 43 Resp: 43784
Ion Ratio Lower Upper
43 100
45 9.5 7.8 11.8
61 8.8 7.0 10.6
70 8.0 6.9 10.3

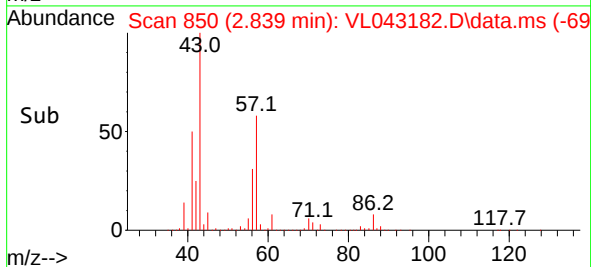
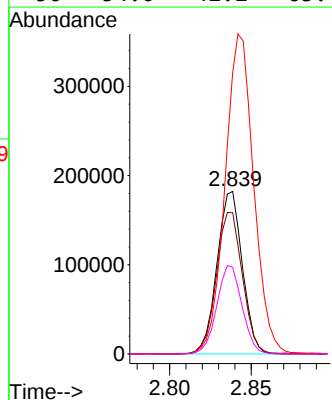
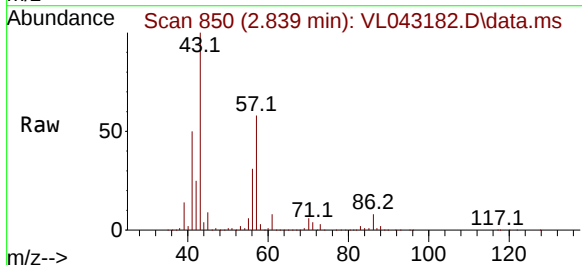
Manual Integrations
APPROVED

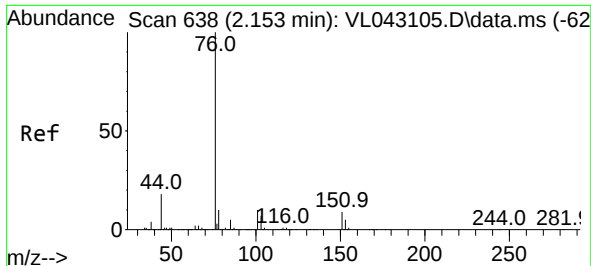
Reviewed By :Semsettin Yesilyurt 11/13/2025
Supervised By :Mahesh Dadoda 11/13/2025



#26
Hexane
Concen: 9.612 ppbv
RT: 2.839 min Scan# 850
Delta R.T. 0.009 min
Lab File: VL043182.D
Acq: 11 Nov 2025 09:44

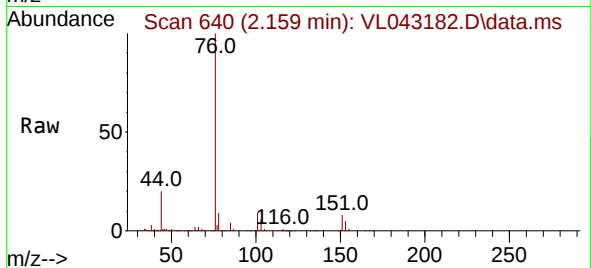
Tgt Ion: 57 Resp: 196817
Ion Ratio Lower Upper
57 100
41 90.4 71.4 107.0
43 222.7 178.5 267.7
56 54.0 42.2 63.4





#27
Carbon Disulfide
Concen: 9.728 ppbv
RT: 2.159 min Scan# 640
Delta R.T. 0.006 min
Lab File: VL043182.D
Acq: 11 Nov 2025 09:44

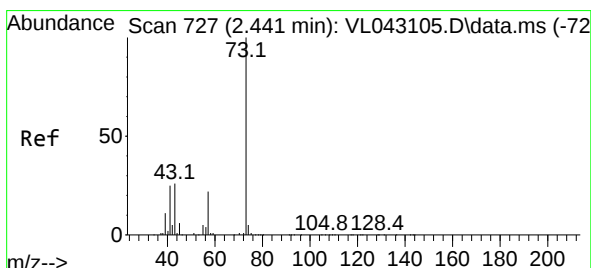
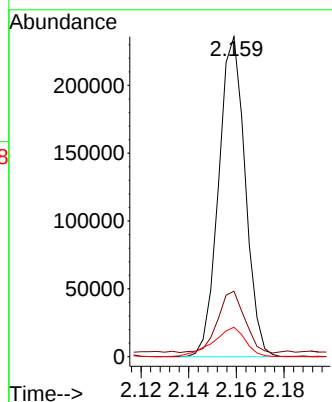
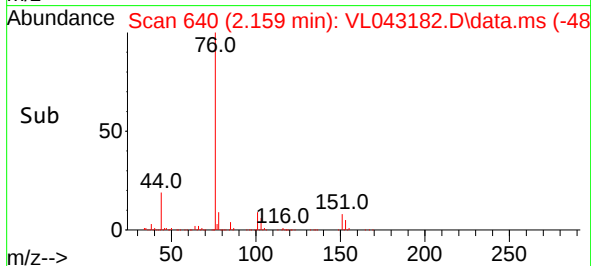
Instrument :
MSVOA_L
ClientSampleId :
VL1111ABS01



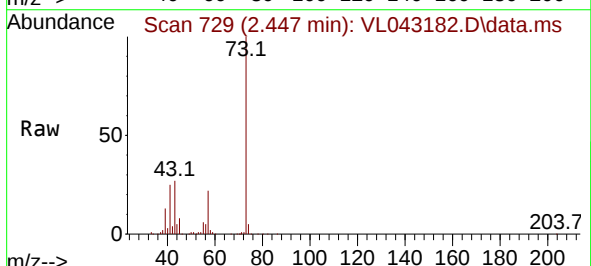
Tgt Ion: 76 Resp: 18250
Ion Ratio Lower Upper
76 100
44 22.2 16.7 25.1
78 11.2 9.3 13.9

Manual Integrations
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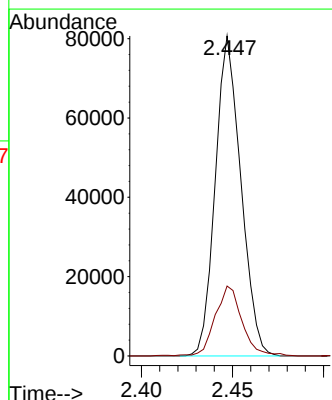
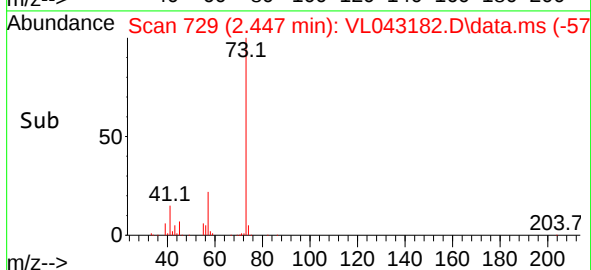
Reviewed By :Semsettin Yesilyurt 11/13/2025
Supervised By :Mahesh Dadoda 11/13/2025

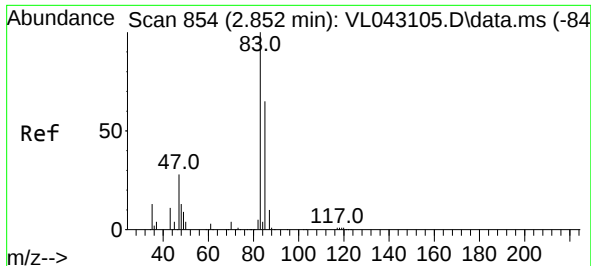


#28
Methyl tert-Butyl Ether
Concen: 8.447 ppbv
RT: 2.447 min Scan# 729
Delta R.T. 0.006 min
Lab File: VL043182.D
Acq: 11 Nov 2025 09:44



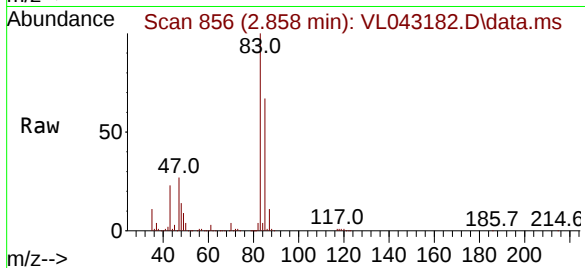
Tgt Ion: 73 Resp: 78683
Ion Ratio Lower Upper
73 100
57 23.1 20.5 30.7





#29
Chloroform
Concen: 10.111 ppbv
RT: 2.858 min Scan# 81
Delta R.T. 0.006 min
Lab File: VL043182.D
Acq: 11 Nov 2025 09:44

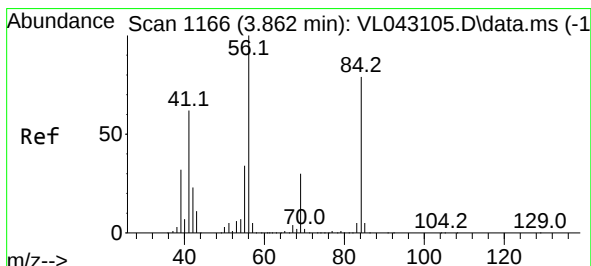
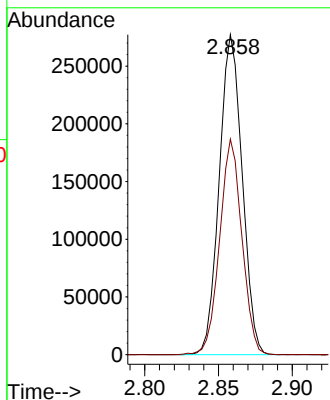
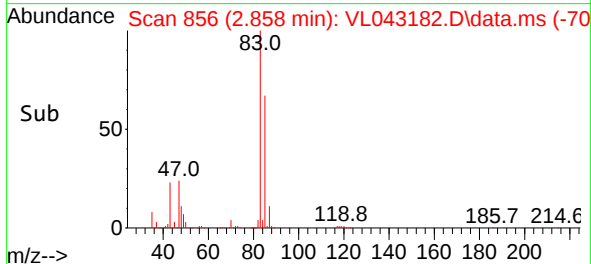
Instrument :
MSVOA_L
ClientSampleId :
VL1111ABS01



Tgt Ion: 83 Resp: 29996
Ion Ratio Lower Upper
83 100
85 67.3 51.8 77.6

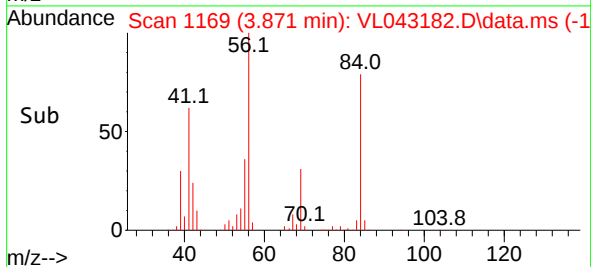
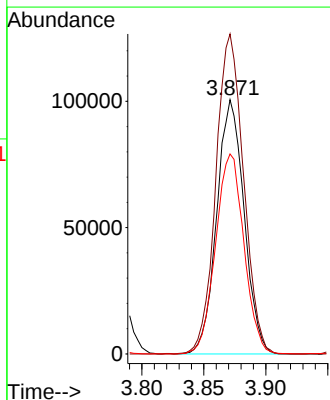
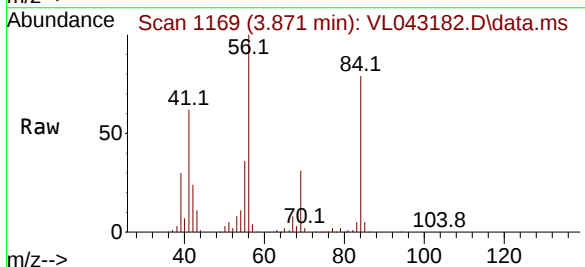
Manual Integrations
APPROVED

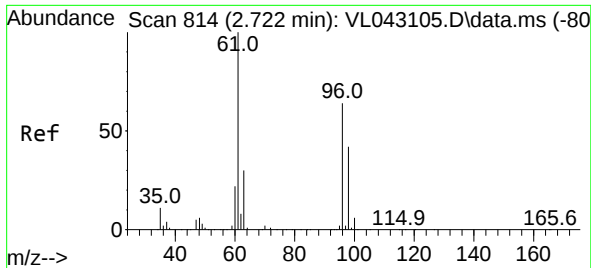
Reviewed By :Semsettin Yesilyurt 11/13/2025
Supervised By :Mahesh Dadoda 11/13/2025



#30
Cyclohexane
Concen: 8.653 ppbv
RT: 3.871 min Scan# 1169
Delta R.T. 0.009 min
Lab File: VL043182.D
Acq: 11 Nov 2025 09:44

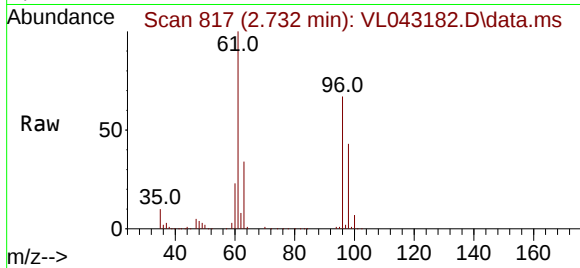
Tgt Ion: 84 Resp: 154641
Ion Ratio Lower Upper
84 100
56 127.5 100.9 151.3
41 81.6 63.8 95.6





#31
 cis-1,2-Dichloroethene
 Concen: 9.906 ppbv
 RT: 2.732 min Scan# 814
 Delta R.T. 0.009 min
 Lab File: VL043182.D
 Acq: 11 Nov 2025 09:44

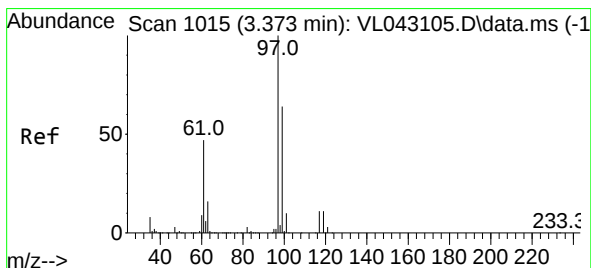
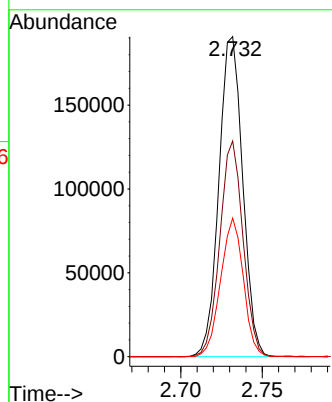
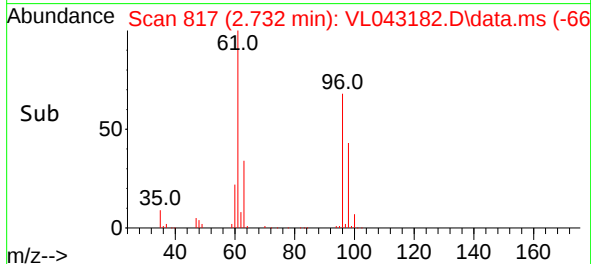
Instrument :
 MSVOA_L
 ClientSampleId :
 VL1111ABS01



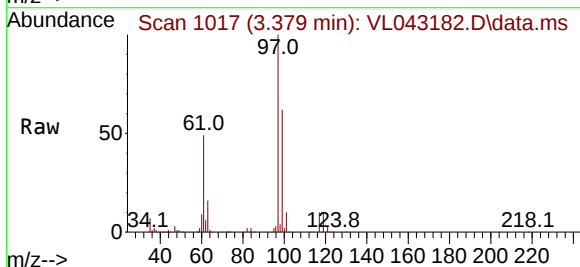
Tgt Ion: 61 Resp: 19368
 Ion Ratio Lower Upper
 61 100
 96 67.4 51.0 76.6
 98 43.3 33.5 50.3

Manual Integrations
 APPROVED

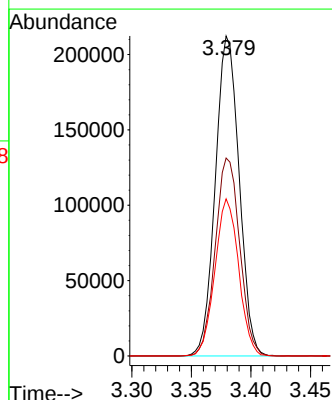
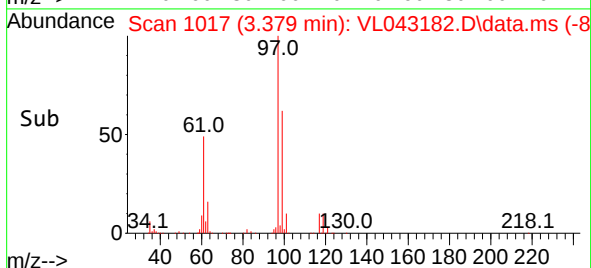
Reviewed By :Semsettin Yesilyurt 11/13/2025
 Supervised By :Mahesh Dadoda 11/13/2025

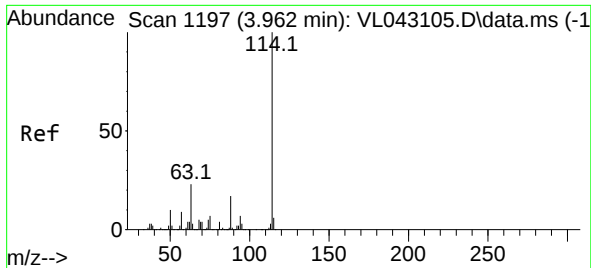


#32
 1,1,1-Trichloroethane
 Concen: 9.546 ppbv
 RT: 3.379 min Scan# 1017
 Delta R.T. 0.006 min
 Lab File: VL043182.D
 Acq: 11 Nov 2025 09:44



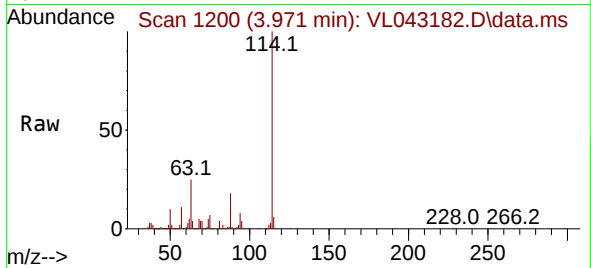
Tgt Ion: 97 Resp: 294917
 Ion Ratio Lower Upper
 97 100
 99 63.6 51.3 76.9
 61 49.1 38.4 57.6





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.971 min Scan# 1197
Delta R.T. 0.009 min
Lab File: VL043182.D
Acq: 11 Nov 2025 09:44

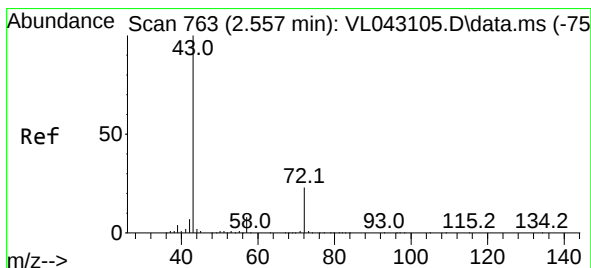
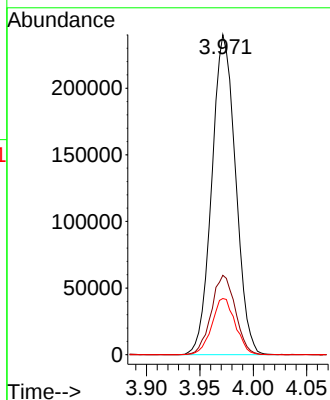
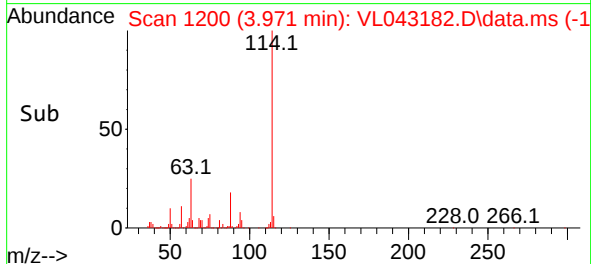
Instrument :
MSVOA_L
ClientSampleId :
VL1111ABS01



Tgt Ion:114 Resp: 37187
Ion Ratio Lower Upper
114 100
63 25.1 19.3 28.9
88 17.3 13.9 20.9

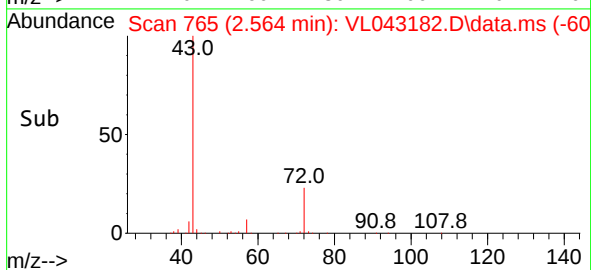
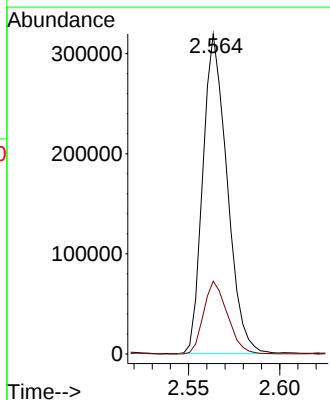
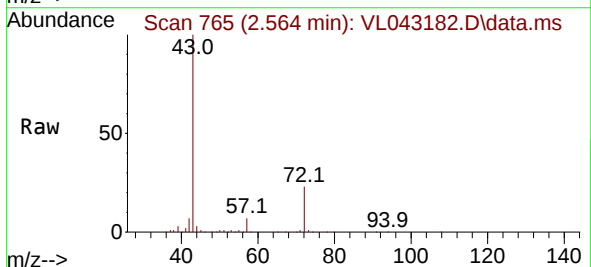
Manual Integrations
APPROVED

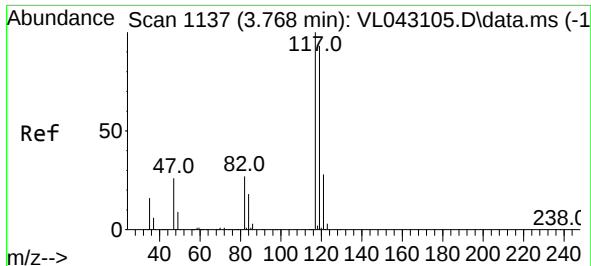
Reviewed By :Semsettin Yesilyurt 11/13/2025
Supervised By :Mahesh Dadoda 11/13/2025



#34
2-Butanone
Concen: 11.834 ppbv
RT: 2.564 min Scan# 765
Delta R.T. 0.006 min
Lab File: VL043182.D
Acq: 11 Nov 2025 09:44

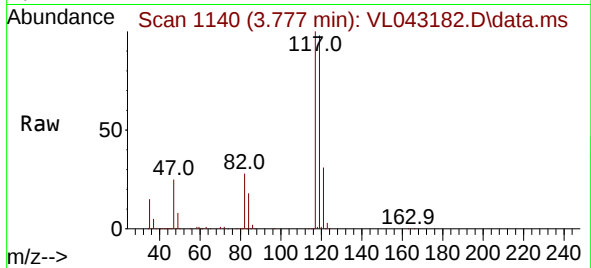
Tgt Ion: 43 Resp: 295824
Ion Ratio Lower Upper
43 100
72 22.5 18.4 27.6





#35
Carbon Tetrachloride
Concen: 11.252 ppbv
RT: 3.777 min Scan# 1137
Delta R.T. 0.009 min
Lab File: VL043182.D
Acq: 11 Nov 2025 09:44

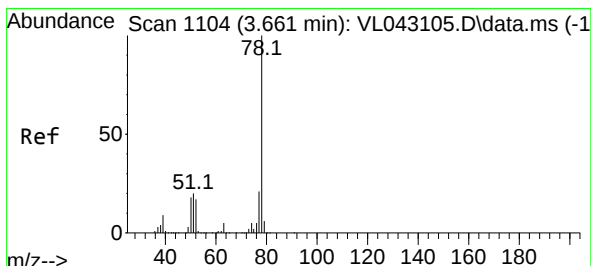
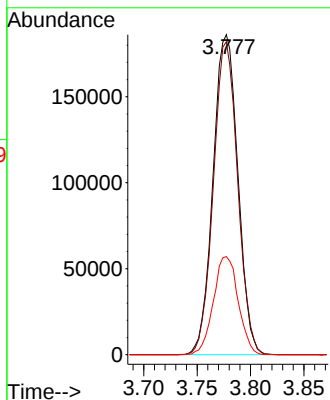
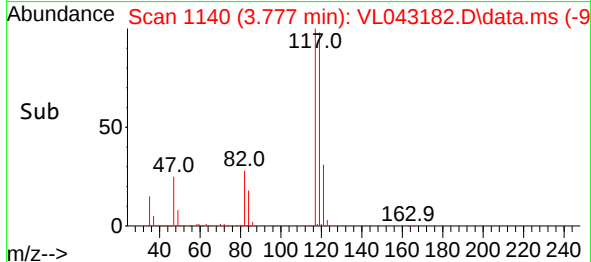
Instrument :
MSVOA_L
ClientSampleId :
VL1111ABS01



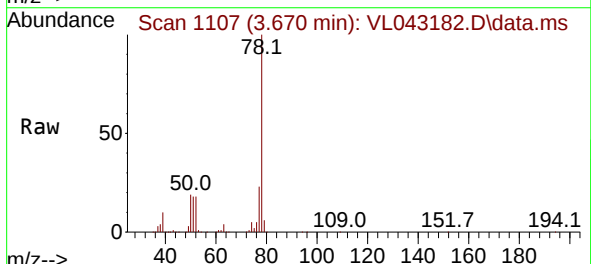
Tgt Ion: 117 Resp: 30084
Ion Ratio Lower Upper
117 100
119 97.8 74.1 111.1
121 30.7 22.2 33.2

Manual Integrations
APPROVED

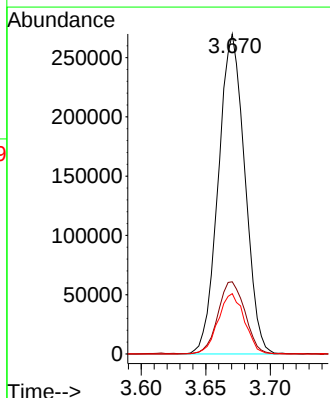
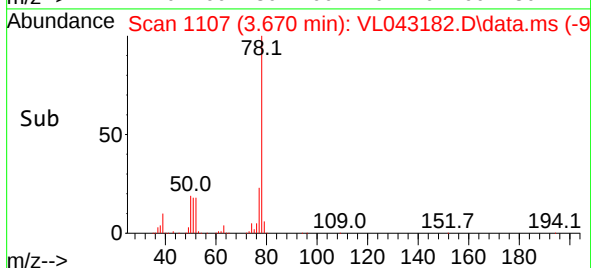
Reviewed By :Semsettin Yesilyurt 11/13/2025
Supervised By :Mahesh Dadoda 11/13/2025

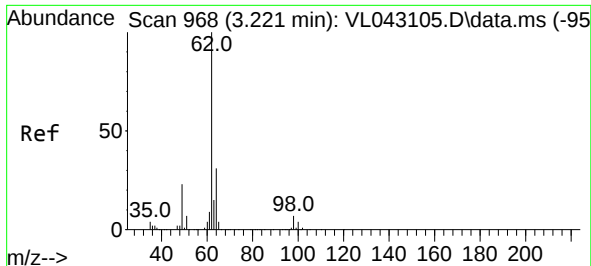


#36
Benzene
Concen: 10.992 ppbv
RT: 3.670 min Scan# 1107
Delta R.T. 0.009 min
Lab File: VL043182.D
Acq: 11 Nov 2025 09:44



Tgt Ion: 78 Resp: 384993
Ion Ratio Lower Upper
78 100
77 22.5 17.0 25.6
50 18.9 14.6 22.0





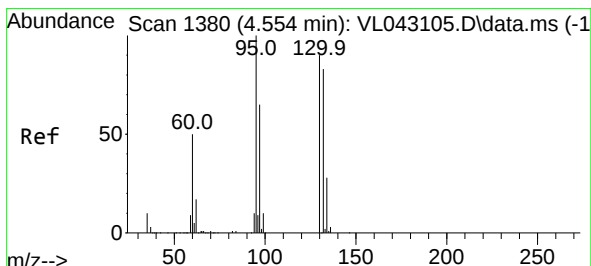
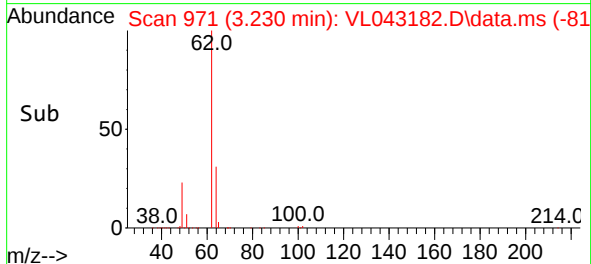
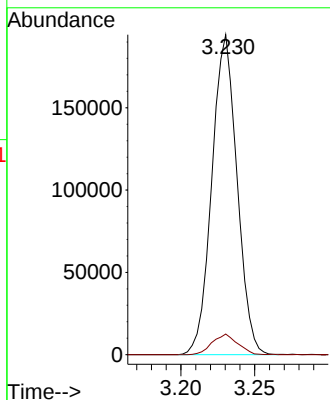
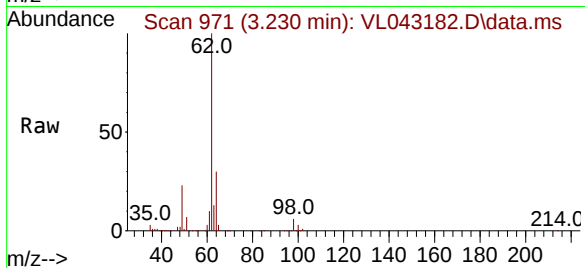
#37
1,2-Dichloroethane
Concen: 11.451 ppbv
RT: 3.230 min Scan# 91
Delta R.T. 0.009 min
Lab File: VL043182.D
Acq: 11 Nov 2025 09:44

Instrument :
MSVOA_L
ClientSampleId :
VL1111ABS01

Tgt Ion: 62 Resp: 231038
Ion Ratio Lower Upper
62 100
98 6.5 5.8 8.6

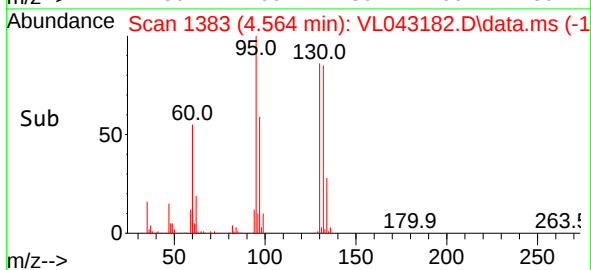
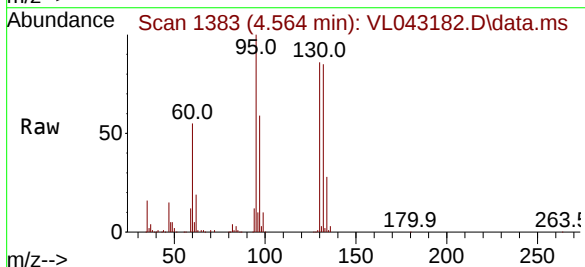
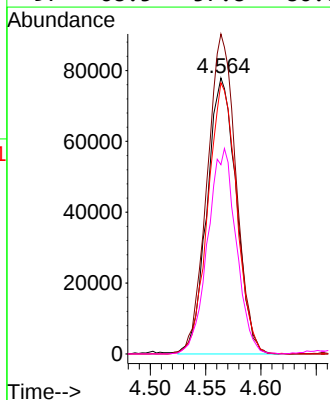
Manual Integrations
APPROVED

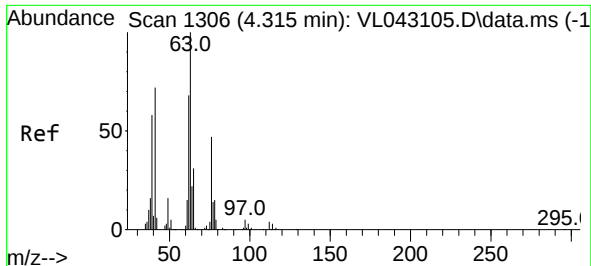
Reviewed By :Semsettin Yesilyurt 11/13/2025
Supervised By :Mahesh Dadoda 11/13/2025



#38
Trichloroethene
Concen: 9.785 ppbv
RT: 4.564 min Scan# 1383
Delta R.T. 0.009 min
Lab File: VL043182.D
Acq: 11 Nov 2025 09:44

Tgt Ion:130 Resp: 143138
Ion Ratio Lower Upper
130 100
95 115.8 88.6 133.0
132 98.2 73.4 110.0
97 68.5 57.8 86.6





#39

1,2-Dichloropropane

Concen: 11.232 ppbv

RT: 4.327 min Scan# 11

Delta R.T. 0.013 min

Lab File: VL043182.D

Acq: 11 Nov 2025 09:44

Instrument :

MSVOA_L

ClientSampleId :

VL1111ABS01

Tgt Ion: 63 Resp: 14382

Ion Ratio Lower Upper

63 100

41 72.5 58.0 87.0

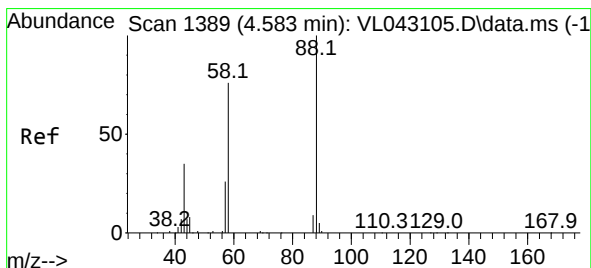
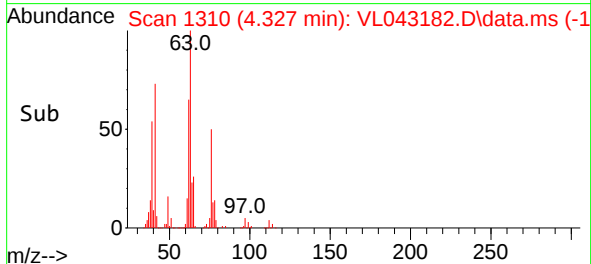
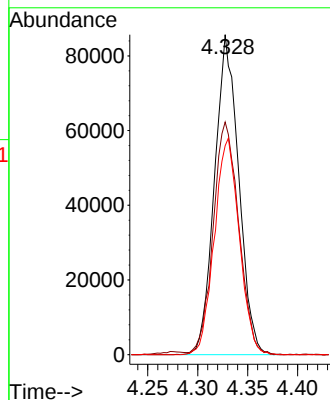
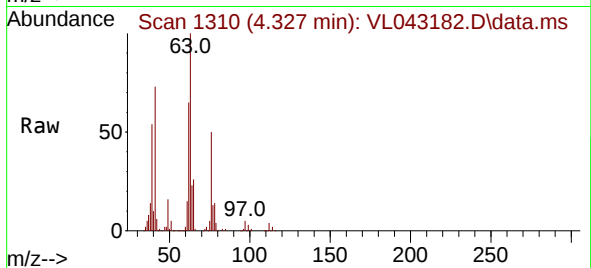
62 65.3 54.7 82.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/13/2025

Supervised By :Mahesh Dadoda 11/13/2025



#40

1,4-Dioxane

Concen: 10.176 ppbv

RT: 4.596 min Scan# 1393

Delta R.T. 0.013 min

Lab File: VL043182.D

Acq: 11 Nov 2025 09:44

Tgt Ion: 88 Resp: 58309

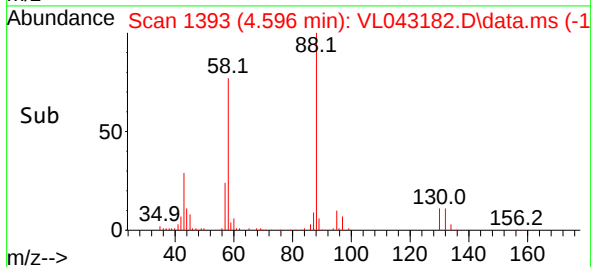
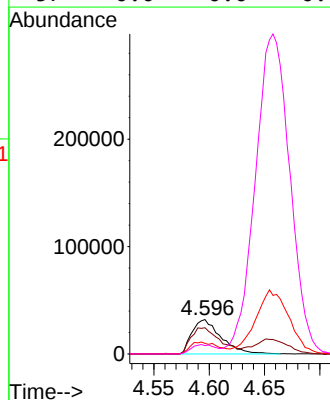
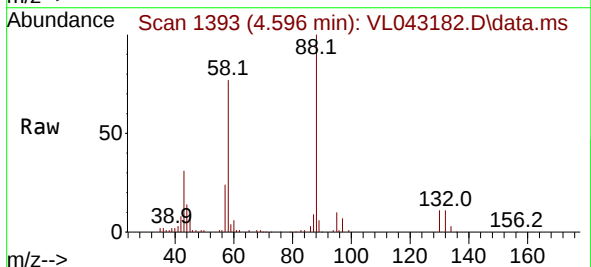
Ion Ratio Lower Upper

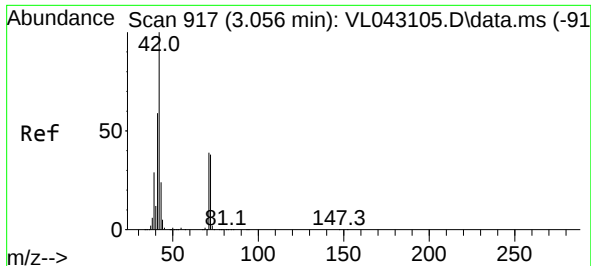
88 100

58 77.2 61.1 91.7

43 35.1 24.0 36.0

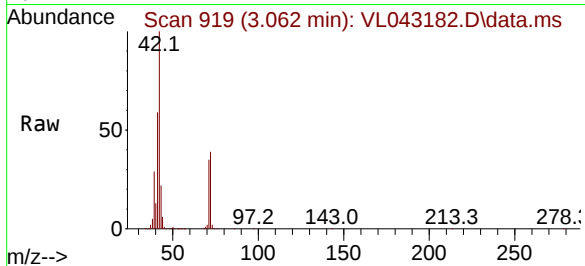
57 0.0 0.0 0.0





#41
Tetrahydrofuran
Concen: 10.856 ppbv
RT: 3.062 min Scan# 917
Delta R.T. 0.006 min
Lab File: VL043182.D
Acq: 11 Nov 2025 09:44

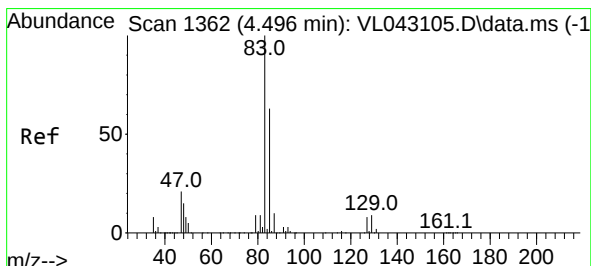
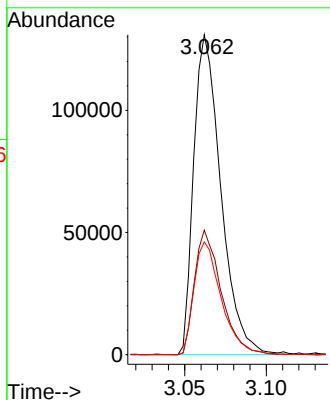
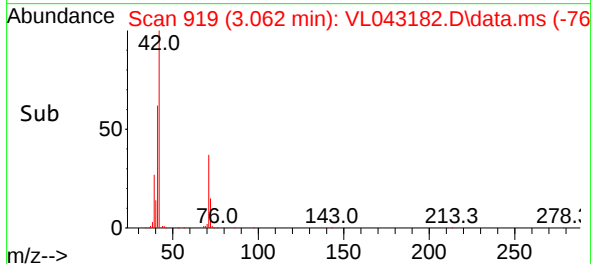
Instrument :
MSVOA_L
ClientSampleId :
VL1111ABS01



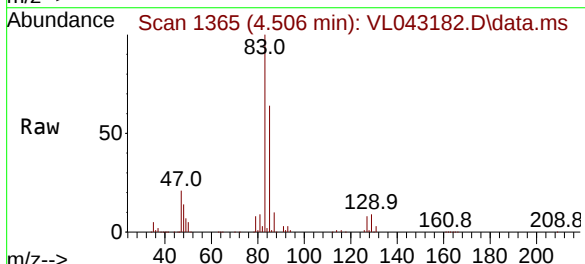
Tgt Ion: 42 Resp: 15178
Ion Ratio Lower Upper
42 100
72 38.3 31.3 46.9
71 35.3 30.4 45.6

Manual Integrations
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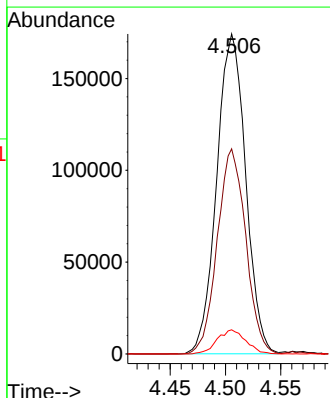
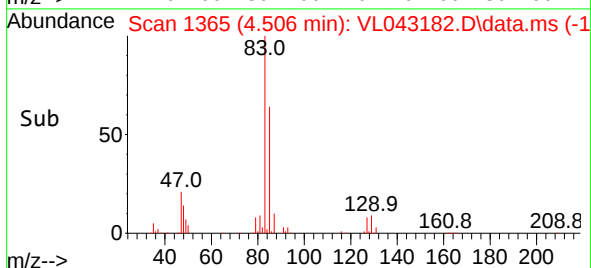
Reviewed By :Semsettin Yesilyurt 11/13/2025
Supervised By :Mahesh Dadoda 11/13/2025

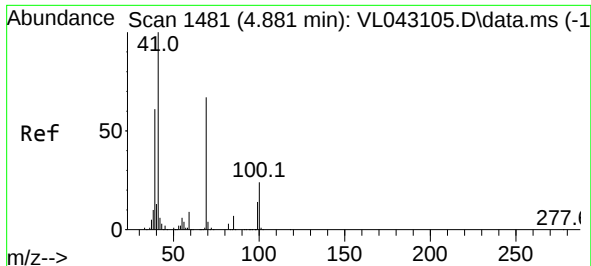


#42
Bromodichloromethane
Concen: 11.356 ppbv
RT: 4.506 min Scan# 1365
Delta R.T. 0.009 min
Lab File: VL043182.D
Acq: 11 Nov 2025 09:44



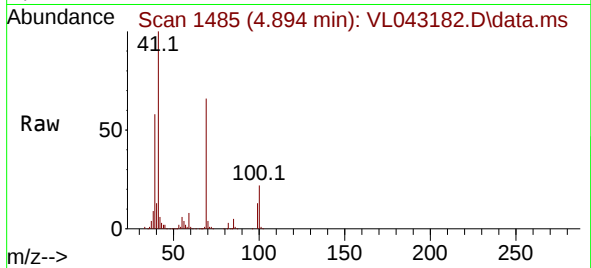
Tgt Ion: 83 Resp: 317121
Ion Ratio Lower Upper
83 100
85 64.2 50.6 75.8
127 7.5 6.3 9.5





#43
Methyl Methacrylate
Concen: 10.275 ppbv
RT: 4.894 min Scan# 1485
Delta R.T. 0.013 min
Lab File: VL043182.D
Acq: 11 Nov 2025 09:44

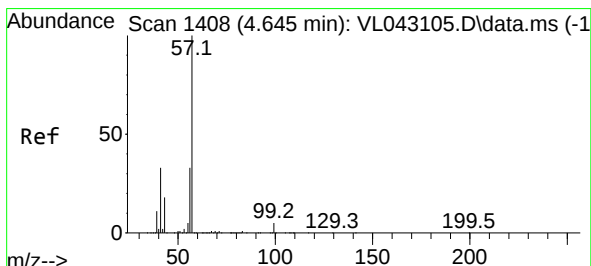
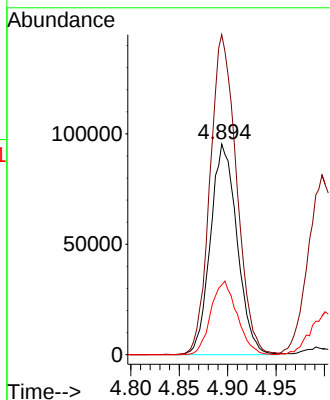
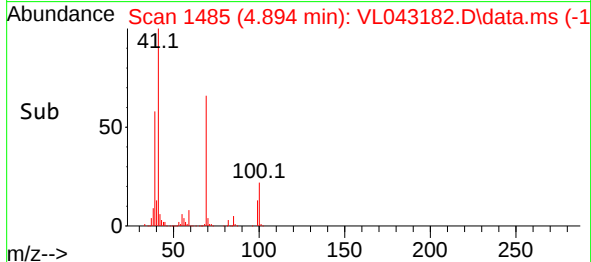
Instrument :
MSVOA_L
ClientSampleId :
VL1111ABS01



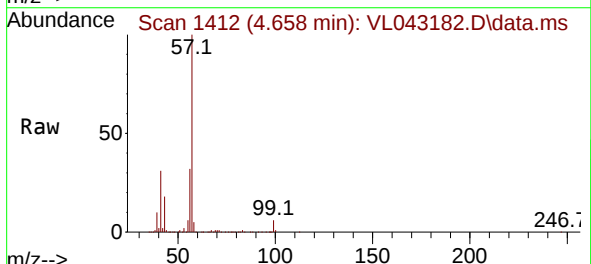
Tgt Ion: 69 Resp: 182788
Ion Ratio Lower Upper
69 100
41 151.1 120.5 180.7
100 34.3 29.0 43.4

Manual Integrations
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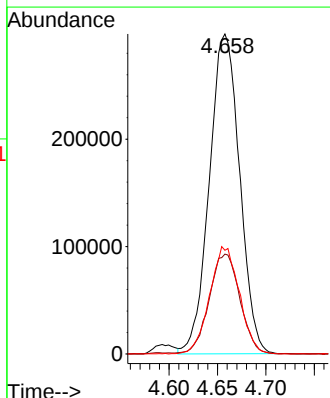
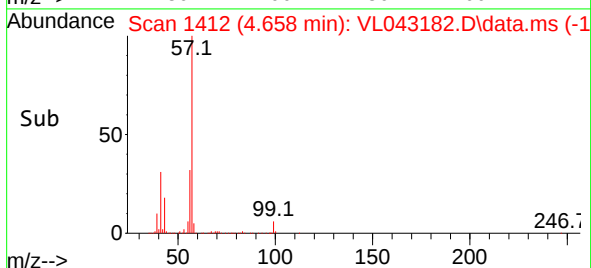
Reviewed By :Semsettin Yesilyurt 11/13/2025
Supervised By :Mahesh Dadoda 11/13/2025

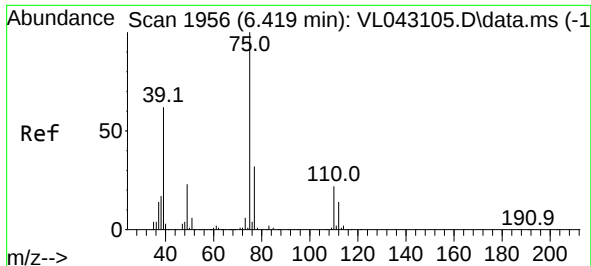


#44
2,2,4-Trimethylpentane
Concen: 10.978 ppbv
RT: 4.658 min Scan# 1412
Delta R.T. 0.013 min
Lab File: VL043182.D
Acq: 11 Nov 2025 09:44



Tgt Ion: 57 Resp: 648709
Ion Ratio Lower Upper
57 100
41 32.1 26.3 39.5
56 32.9 25.9 38.9





#45

t-1,3-Dichloropropene

Concen: 9.868 ppbv

RT: 6.435 min Scan# 1956

Delta R.T. 0.016 min

Lab File: VL043182.D

Acq: 11 Nov 2025 09:44

Instrument :

MSVOA_L

ClientSampleId :

VL1111ABS01

Tgt Ion: 75 Resp: 17615

Ion Ratio Lower Upper

75 100

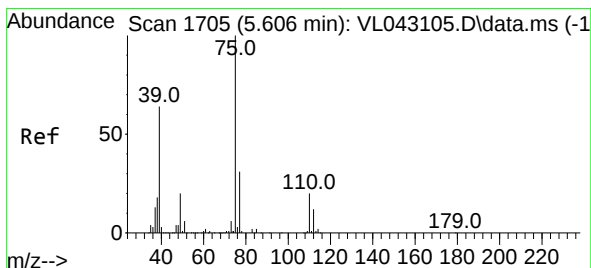
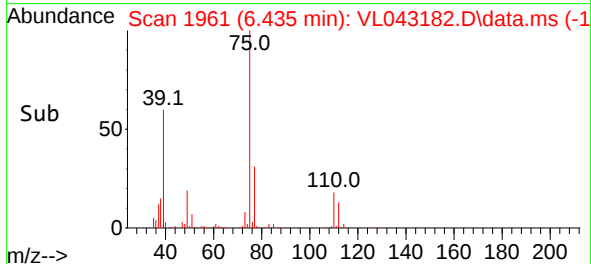
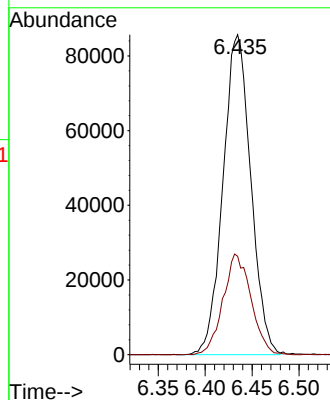
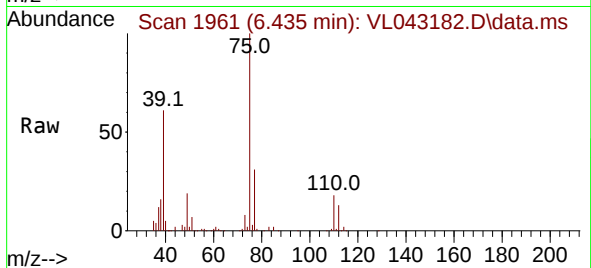
77 30.7 25.4 38.2

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/13/2025

Supervised By :Mahesh Dadoda 11/13/2025



#46

cis-1,3-Dichloropropene

Concen: 10.243 ppbv

RT: 5.619 min Scan# 1709

Delta R.T. 0.013 min

Lab File: VL043182.D

Acq: 11 Nov 2025 09:44

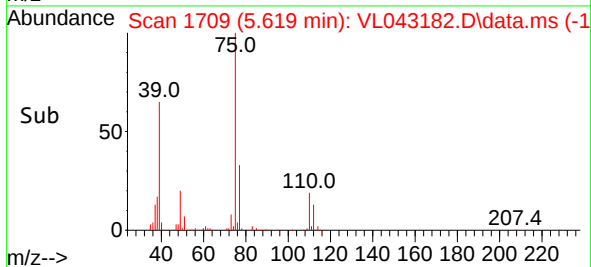
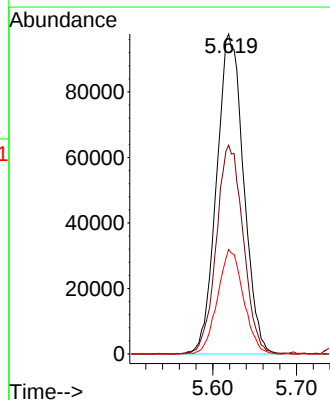
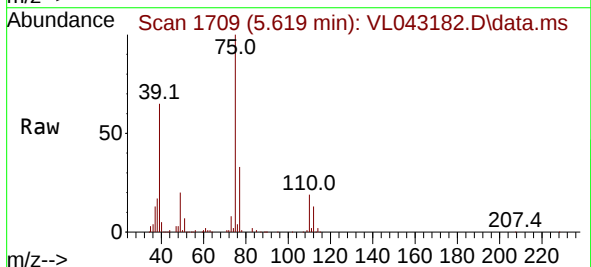
Tgt Ion: 75 Resp: 218429

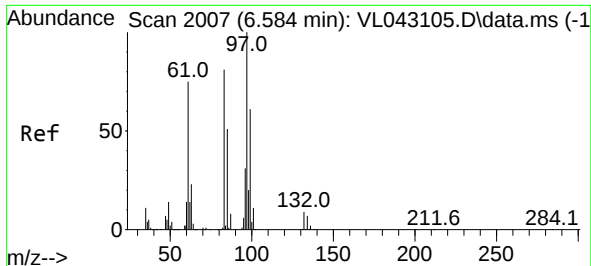
Ion Ratio Lower Upper

75 100

39 65.2 51.0 76.6

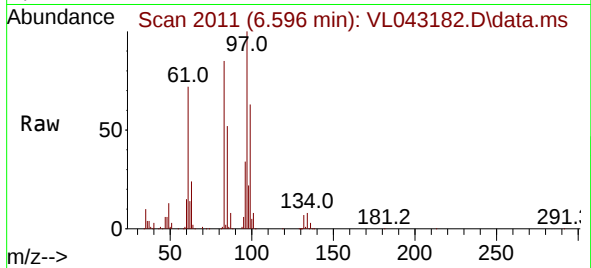
77 32.7 25.0 37.4





#47
1,1,2-Trichloroethane
Concen: 10.804 ppbv
RT: 6.596 min Scan# 2007
Delta R.T. 0.013 min
Lab File: VL043182.D
Acq: 11 Nov 2025 09:44

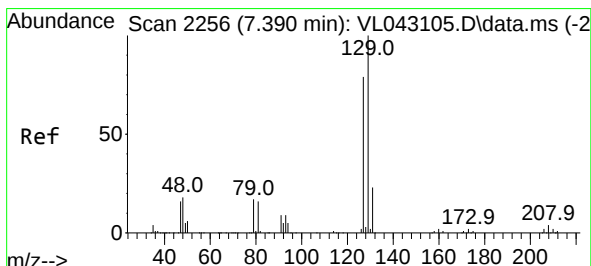
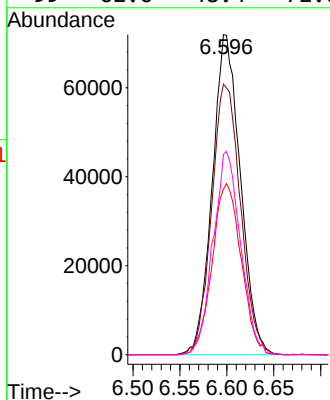
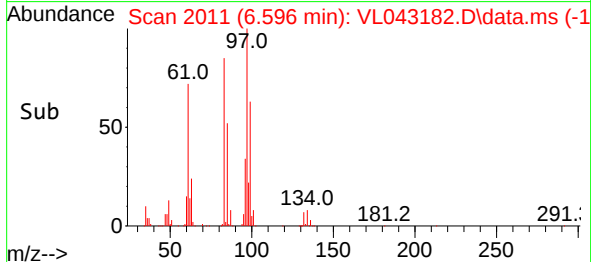
Instrument :
MSVOA_L
ClientSampleId :
VL1111ABS01



Tgt Ion: 97 Resp: 14938
Ion Ratio Lower Upper
97 100
83 84.3 64.6 96.8
85 51.7 40.6 60.8
99 62.6 48.4 72.6

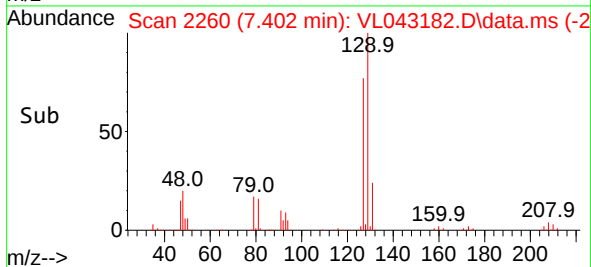
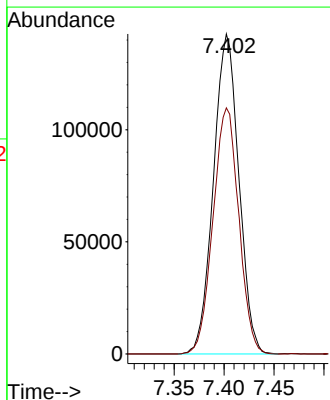
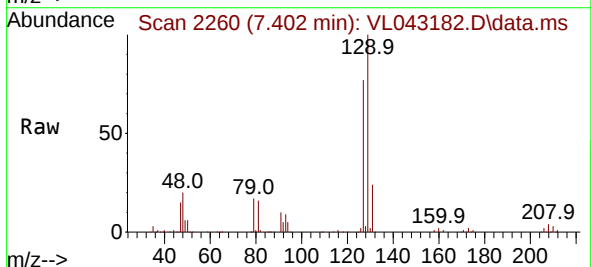
Manual Integrations
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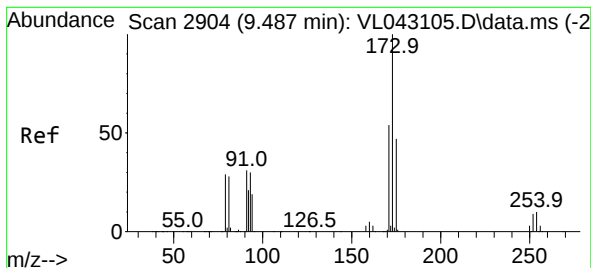
Reviewed By :Semsettin Yesilyurt 11/13/2025
Supervised By :Mahesh Dadoda 11/13/2025



#48
Dibromochloromethane
Concen: 10.921 ppbv
RT: 7.402 min Scan# 2260
Delta R.T. 0.013 min
Lab File: VL043182.D
Acq: 11 Nov 2025 09:44

Tgt Ion:129 Resp: 252486
Ion Ratio Lower Upper
129 100
127 77.9 39.3 117.9





#49

Bromoform

Concen: 11.389 ppbv

RT: 9.493 min Scan# 2904

Delta R.T. 0.006 min

Lab File: VL043182.D

Acq: 11 Nov 2025 09:44

Instrument :

MSVOA_L

ClientSampleId :

VL1111ABS01

Tgt Ion:173 Resp: 214024

Ion Ratio Lower Upper

173 100

175 48.5 38.8 58.2

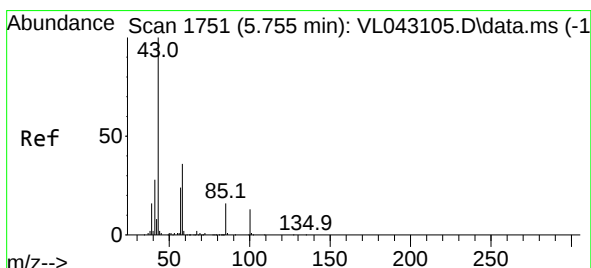
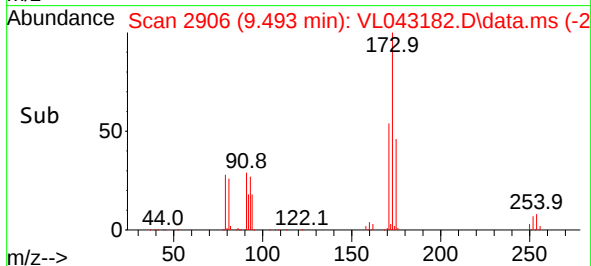
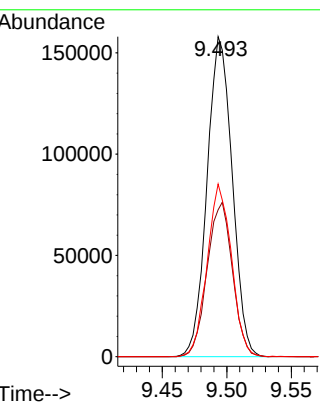
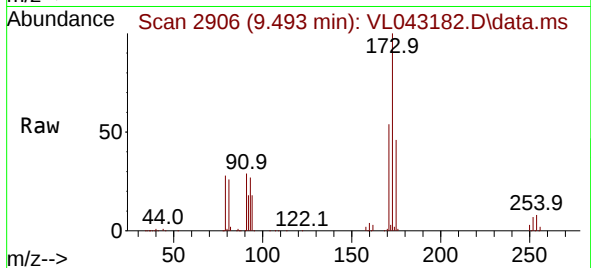
171 52.2 41.7 62.5

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/13/2025

Supervised By :Mahesh Dadoda 11/13/2025



#50

4-Methyl-2-Pentanone

Concen: 10.630 ppbv

RT: 5.768 min Scan# 1755

Delta R.T. 0.013 min

Lab File: VL043182.D

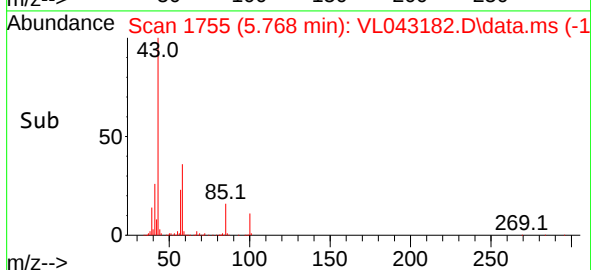
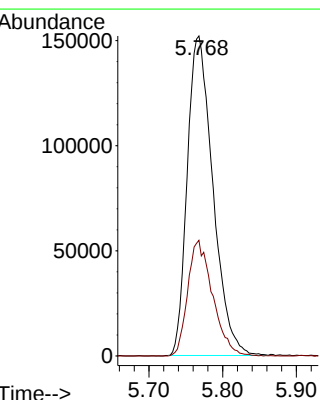
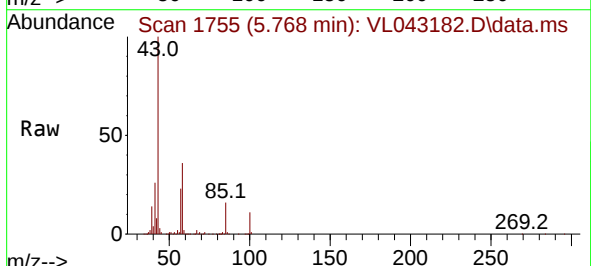
Acq: 11 Nov 2025 09:44

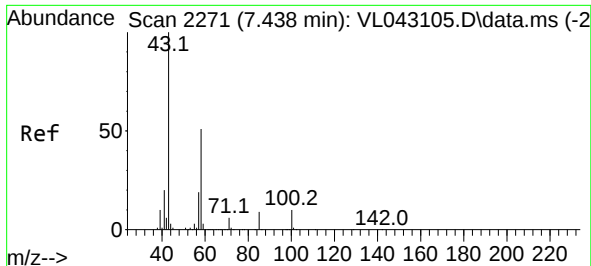
Tgt Ion: 43 Resp: 366734

Ion Ratio Lower Upper

43 100

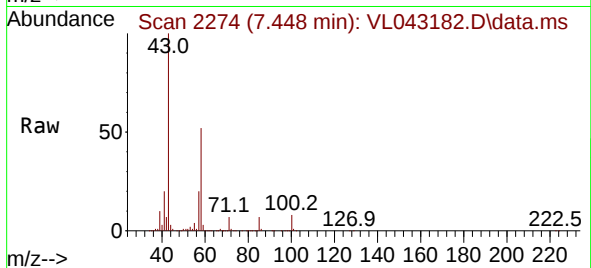
58 35.1 29.1 43.7





#51
2-Hexanone
Concen: 10.668 ppbv
RT: 7.448 min Scan# 2119
Delta R.T. 0.009 min
Lab File: VL043182.D
Acq: 11 Nov 2025 09:44

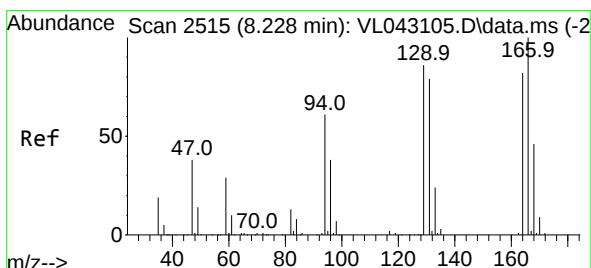
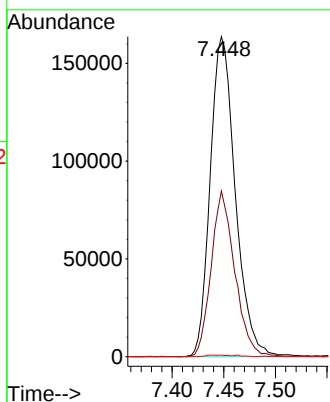
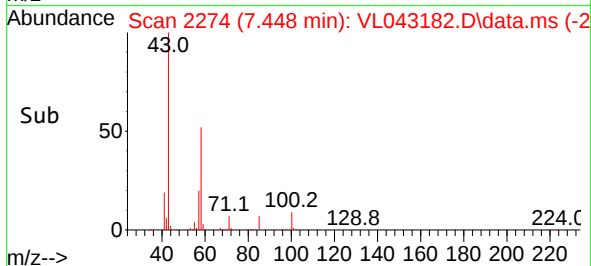
Instrument :
MSVOA_L
ClientSampleId :
VL1111ABS01



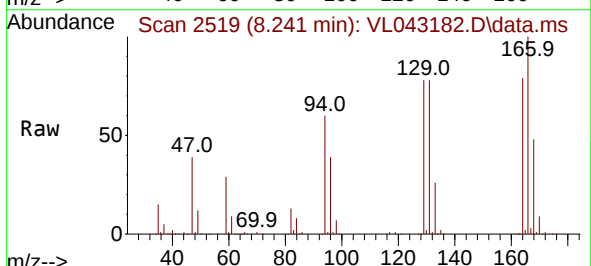
Tgt Ion: 43 Resp: 27603
Ion Ratio Lower Upper
43 100
58 48.8 40.4 60.6
98 0.6 0.1 0.1

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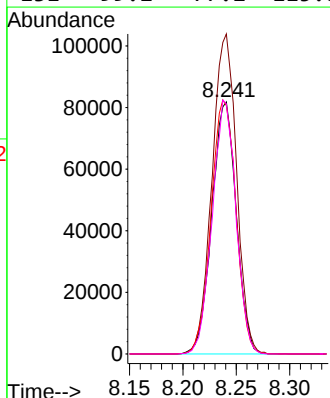
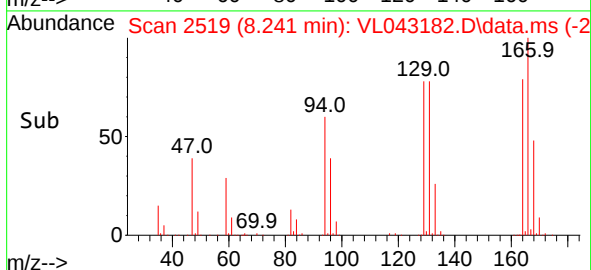
Reviewed By :Semsettin Yesilyurt 11/13/2025
Supervised By :Mahesh Dadoda 11/13/2025

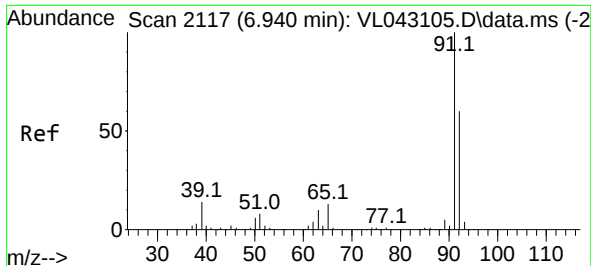


#52
Tetrachloroethene
Concen: 10.321 ppbv
RT: 8.241 min Scan# 2519
Delta R.T. 0.013 min
Lab File: VL043182.D
Acq: 11 Nov 2025 09:44



Tgt Ion:164 Resp: 130356
Ion Ratio Lower Upper
164 100
166 127.0 97.6 146.4
129 98.5 84.5 126.7
131 99.2 77.2 115.8





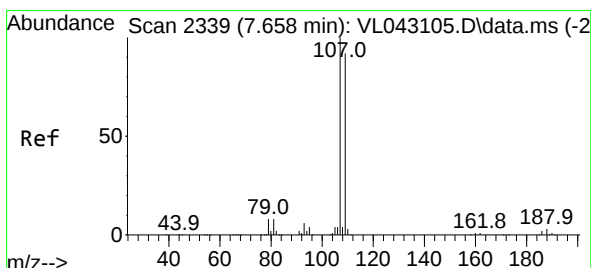
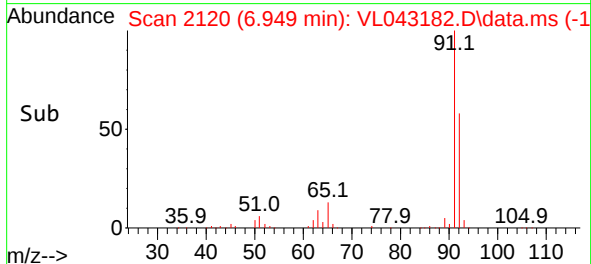
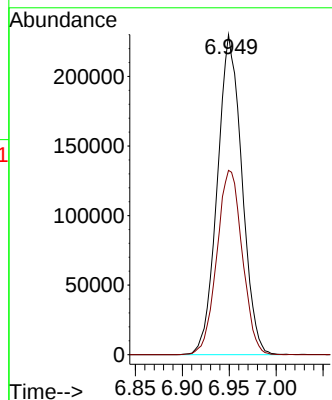
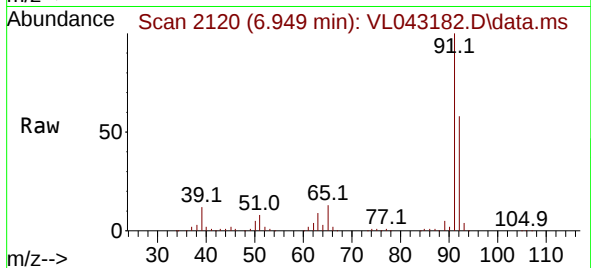
#53
Toluene
Concen: 10.071 ppbv
RT: 6.949 min Scan# 2117
Delta R.T. 0.009 min
Lab File: VL043182.D
Acq: 11 Nov 2025 09:44

Instrument :
MSVOA_L
ClientSampleId :
VL1111ABS01

Tgt Ion: 91 Resp: 41864
Ion Ratio Lower Upper
91 100
92 59.6 48.8 73.2

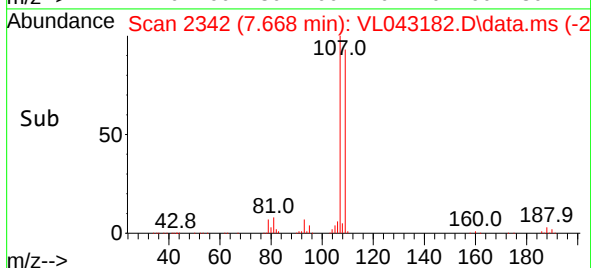
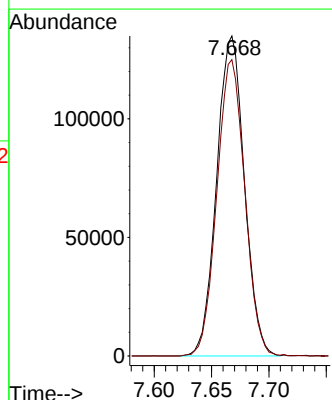
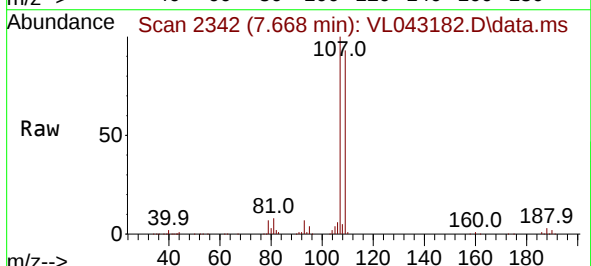
Manual Integrations
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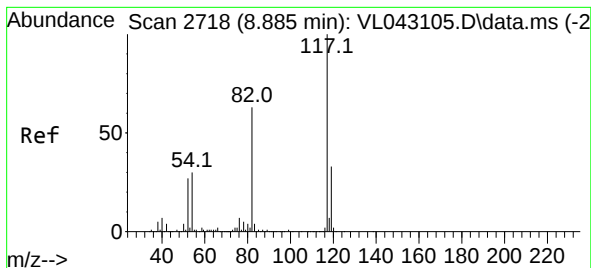
Reviewed By :Semsettin Yesilyurt 11/13/2025
Supervised By :Mahesh Dadoda 11/13/2025



#54
1,2-Dibromoethane
Concen: 10.496 ppbv
RT: 7.668 min Scan# 2342
Delta R.T. 0.009 min
Lab File: VL043182.D
Acq: 11 Nov 2025 09:44

Tgt Ion:107 Resp: 227323
Ion Ratio Lower Upper
107 100
109 92.6 73.4 110.2





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.894 min Scan# 2718

Delta R.T. 0.009 min

Lab File: VL043182.D

Acq: 11 Nov 2025 09:44

Instrument :

MSVOA_L

ClientSampleId :

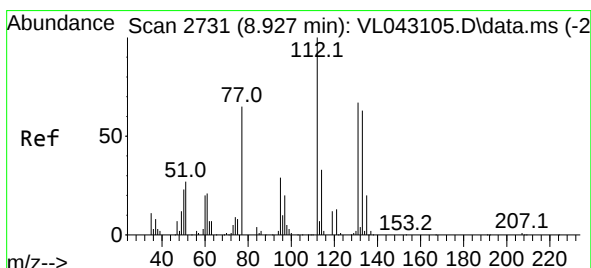
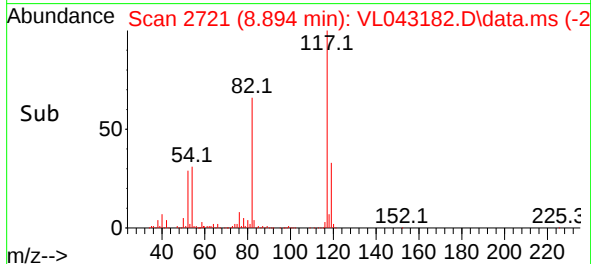
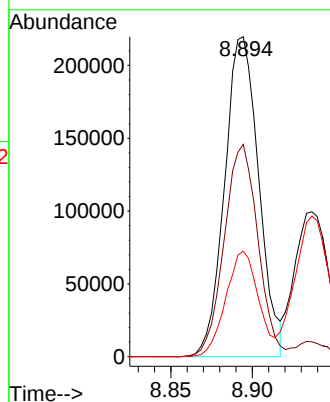
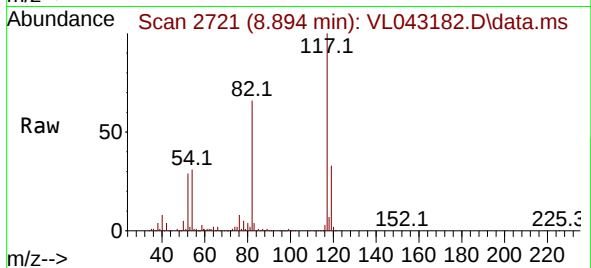
VL1111ABS01

Tgt Ion:	117	Resp:	31959
Ion Ratio	Lower	Upper	
117	100		
82	69.9	53.8	80.8
119	30.9	25.4	38.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/13/2025
Supervised By :Mahesh Dadoda 11/13/2025



#56

1,1,1,2-Tetrachloroethane

Concen: 11.583 ppbv

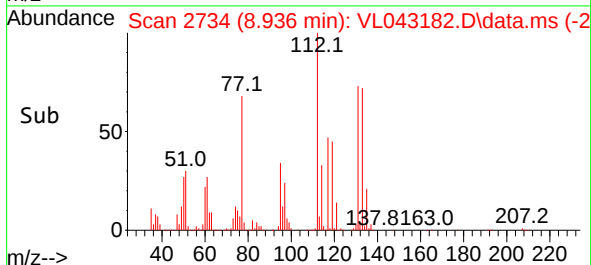
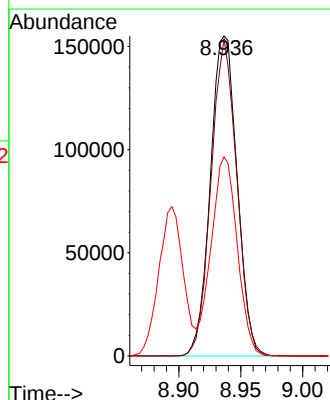
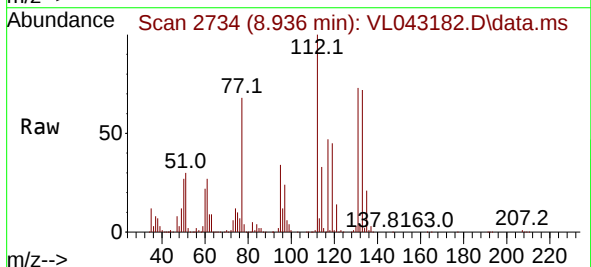
RT: 8.936 min Scan# 2734

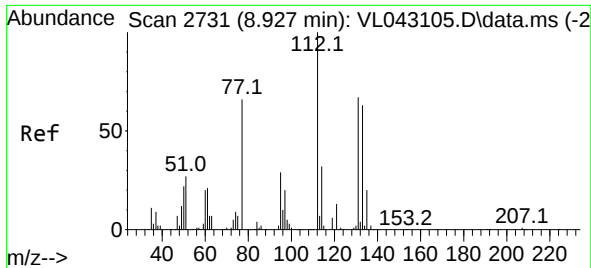
Delta R.T. 0.009 min

Lab File: VL043182.D

Acq: 11 Nov 2025 09:44

Tgt Ion:	131	Resp:	233353
Ion Ratio	Lower	Upper	
131	100		
133	95.1	75.7	113.5
119	61.9	50.6	76.0





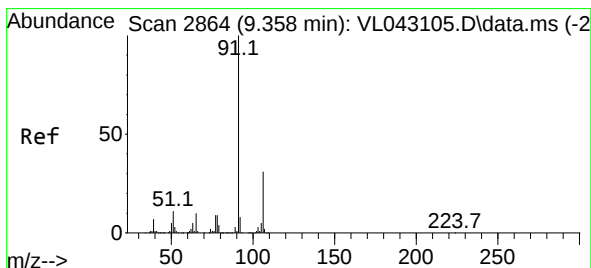
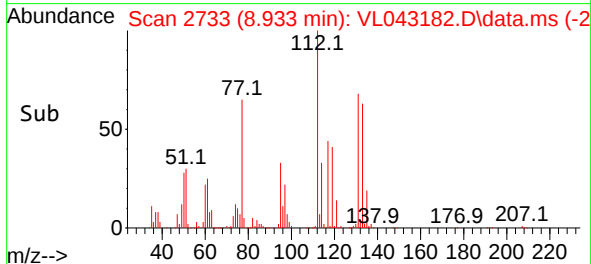
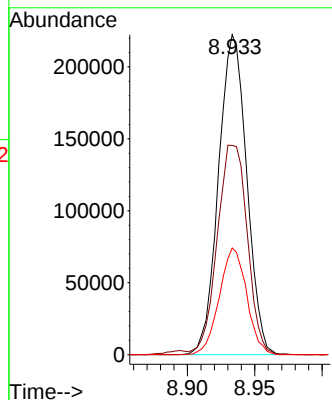
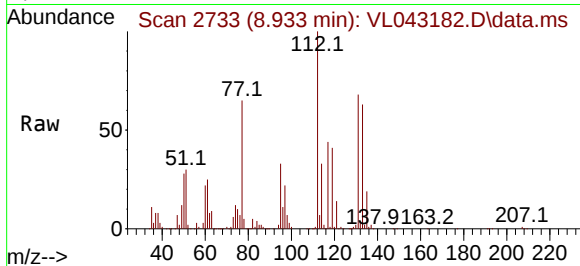
#57
Chlorobenzene
Concen: 10.833 ppbv
RT: 8.933 min Scan# 21
Delta R.T. 0.006 min
Lab File: VL043182.D
Acq: 11 Nov 2025 09:44

Instrument :
MSVOA_L
ClientSampleId :
VL1111ABS01

Tgt Ion:112 Resp: 32389
Ion Ratio Lower Upper
112 100
77 65.3 53.3 79.9
114 33.4 29.3 35.8

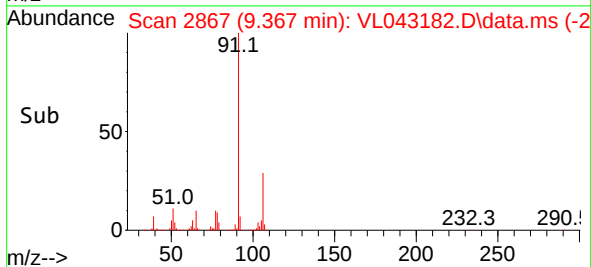
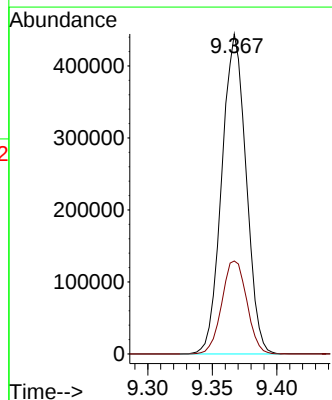
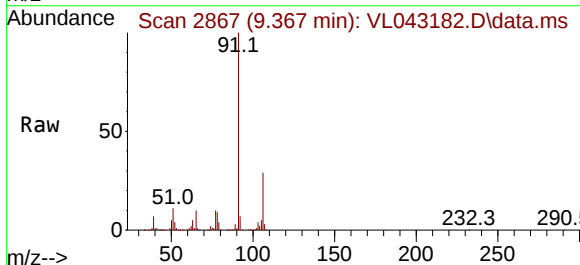
Manual Integrations
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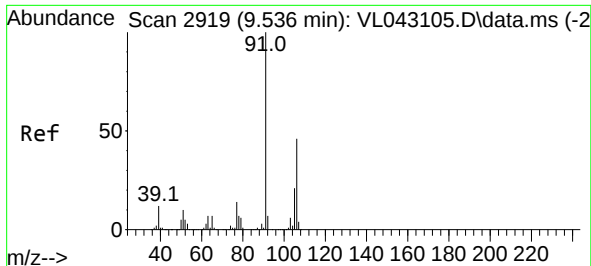
Reviewed By :Semsettin Yesilyurt 11/13/2025
Supervised By :Mahesh Dadoda 11/13/2025



#58
Ethyl Benzene
Concen: 10.612 ppbv
RT: 9.367 min Scan# 2867
Delta R.T. 0.009 min
Lab File: VL043182.D
Acq: 11 Nov 2025 09:44

Tgt Ion: 91 Resp: 582083
Ion Ratio Lower Upper
91 100
106 29.1 24.8 37.2





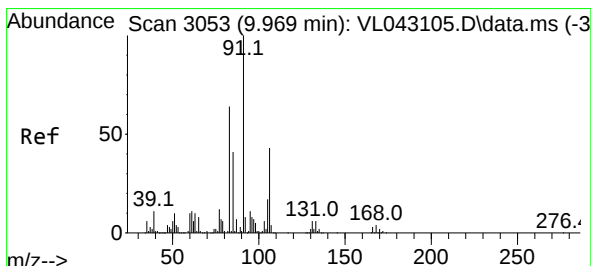
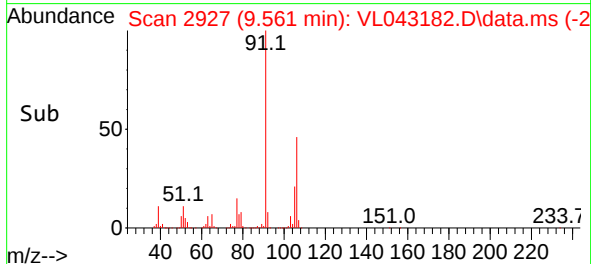
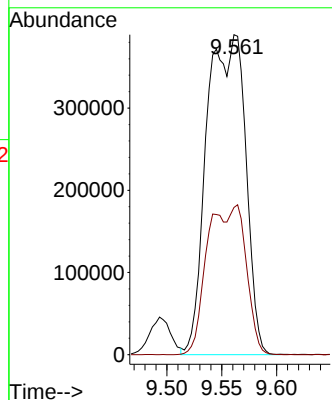
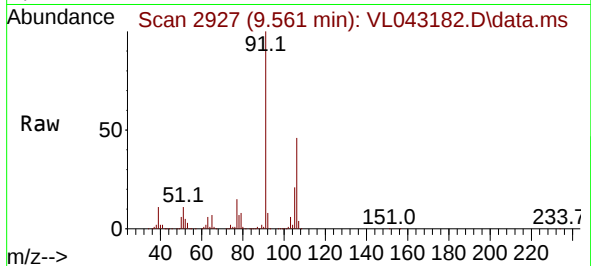
#59
m/p-Xylene
Concen: 21.876 ppbv m
RT: 9.561 min Scan# 2919
Delta R.T. 0.026 min
Lab File: VL043182.D
Acq: 11 Nov 2025 09:44

Instrument :
MSVOA_L
ClientSampleId :
VL1111ABS01

Tgt Ion: 91 Resp: 957050
Ion Ratio Lower Upper
91 100
106 0.0 38.0 57.0

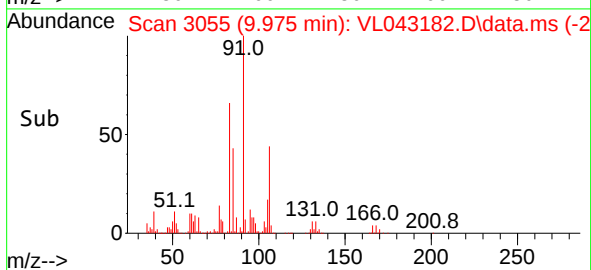
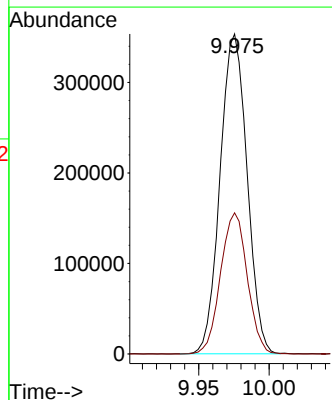
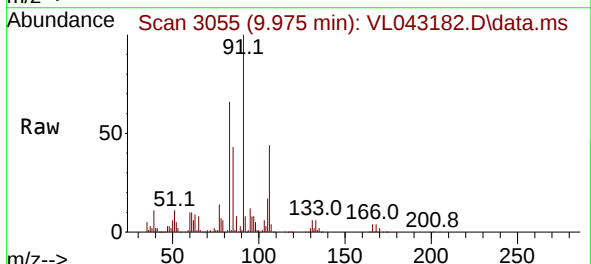
Manual Integrations
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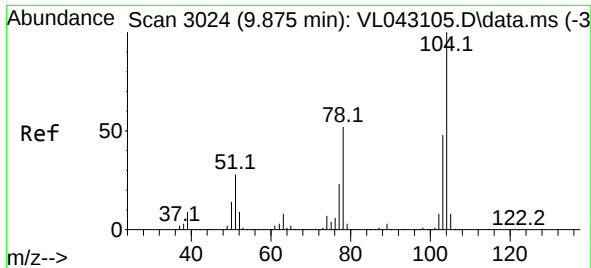
Reviewed By :Semsettin Yesilyurt 11/13/2025
Supervised By :Mahesh Dadoda 11/13/2025



#60
o-Xylene
Concen: 10.905 ppbv
RT: 9.975 min Scan# 3055
Delta R.T. 0.006 min
Lab File: VL043182.D
Acq: 11 Nov 2025 09:44

Tgt Ion: 91 Resp: 471216
Ion Ratio Lower Upper
91 100
106 43.7 21.9 65.8





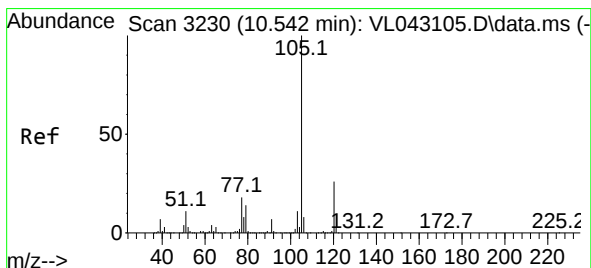
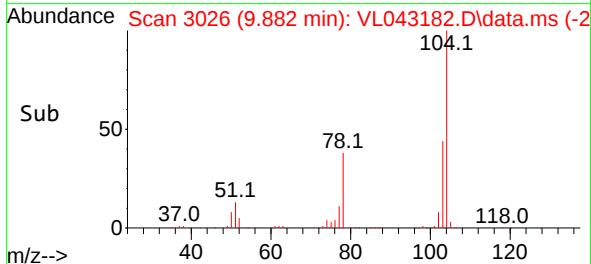
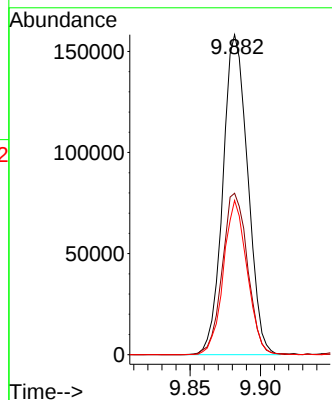
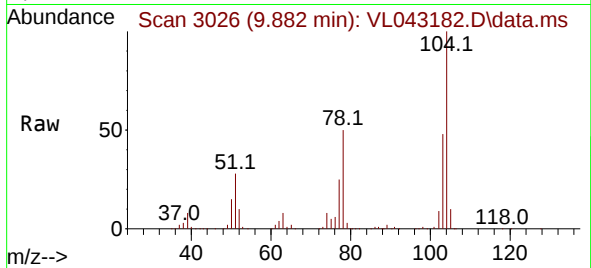
#61
Styrene
Concen: 9.963 ppbv
RT: 9.882 min Scan# 3024
Delta R.T. 0.006 min
Lab File: VL043182.D
Acq: 11 Nov 2025 09:44

Instrument :
MSVOA_L
ClientSampleId :
VL1111ABS01

Tgt Ion:104 Resp: 19433
Ion Ratio Lower Upper
104 100
78 51.4 40.2 60.2
103 46.3 36.9 55.3

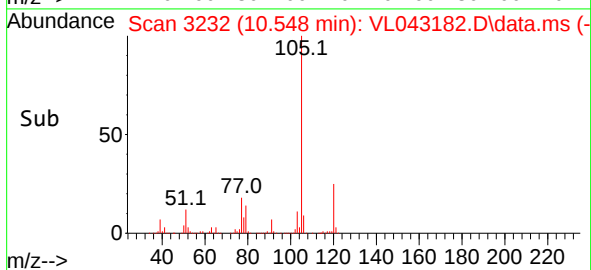
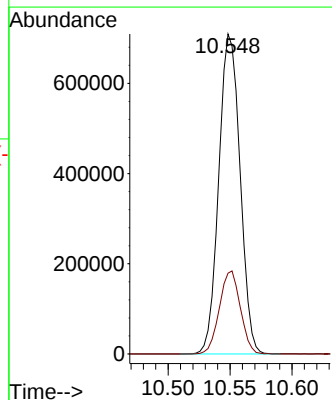
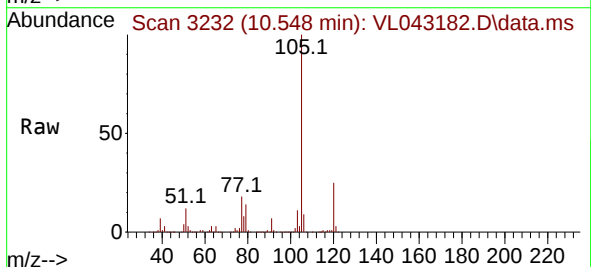
Manual Integrations
APPROVED

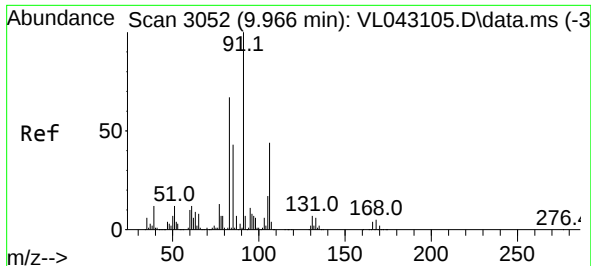
Reviewed By :Semsettin Yesilyurt 11/13/2025
Supervised By :Mahesh Dadoda 11/13/2025



#62
Isopropylbenzene
Concen: 10.877 ppbv
RT: 10.548 min Scan# 3232
Delta R.T. 0.006 min
Lab File: VL043182.D
Acq: 11 Nov 2025 09:44

Tgt Ion:105 Resp: 849266
Ion Ratio Lower Upper
105 100
120 25.6 20.2 30.4





#63

1,1,2,2-Tetrachloroethane

Concen: 11.128 ppbv

RT: 9.972 min Scan# 3052

Delta R.T. 0.006 min

Lab File: VL043182.D

Acq: 11 Nov 2025 09:44

Instrument :

MSVOA_L

ClientSampleId :

VL1111ABS01

Tgt Ion: 83 Resp: 321950

Ion Ratio Lower Upper

83 100

131 9.1 4.8 14.3

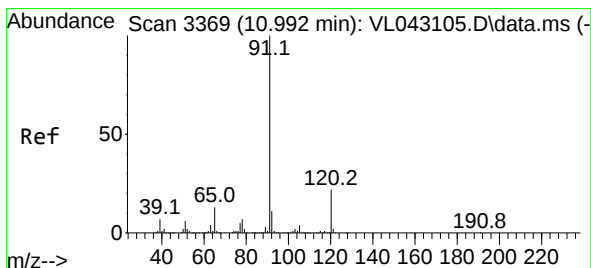
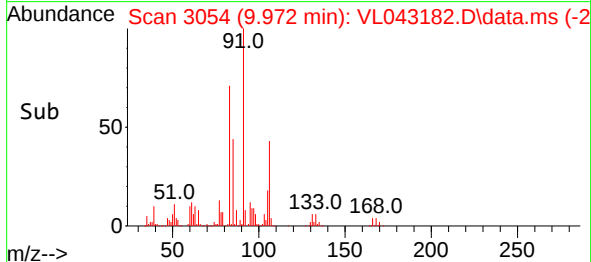
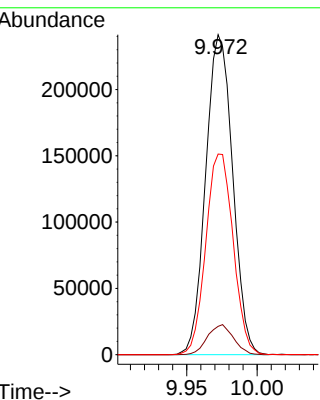
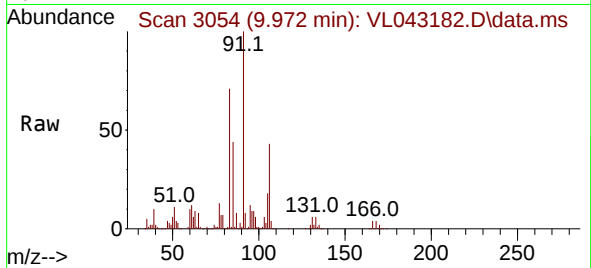
85 63.6 32.0 96.0

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/13/2025

Supervised By :Mahesh Dadoda 11/13/2025



#64

n-propylbenzene

Concen: 10.643 ppbv

RT: 10.998 min Scan# 3371

Delta R.T. 0.006 min

Lab File: VL043182.D

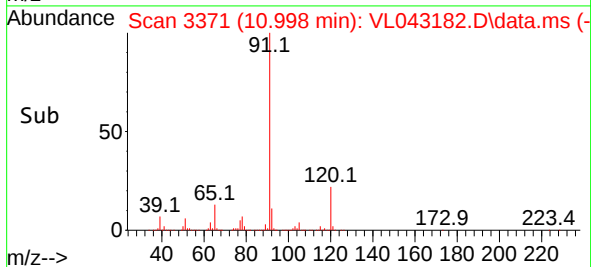
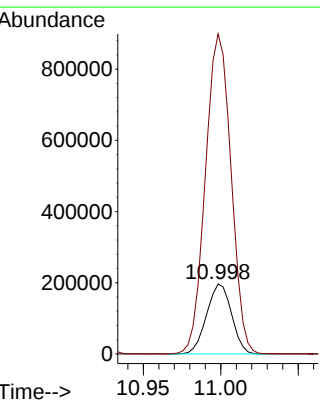
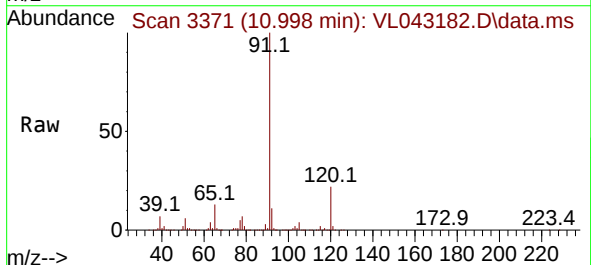
Acq: 11 Nov 2025 09:44

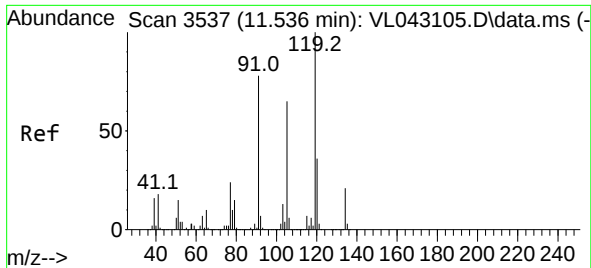
Tgt Ion:120 Resp: 219996

Ion Ratio Lower Upper

120 100

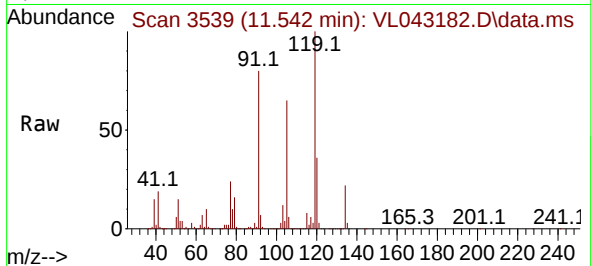
91 471.1 361.6 542.4





#65
tert-Butylbenzene
Concen: 10.409 ppbv
RT: 11.542 min Scan# 3539
Delta R.T. 0.006 min
Lab File: VL043182.D
Acq: 11 Nov 2025 09:44

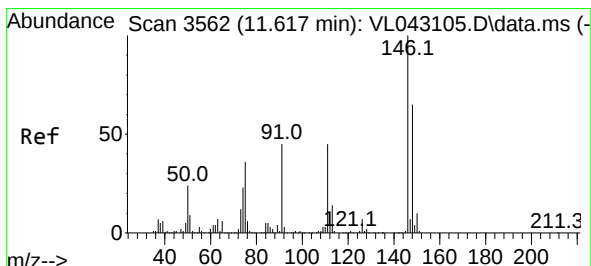
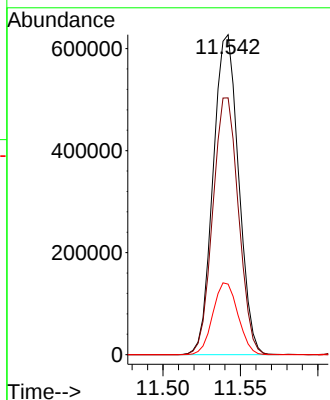
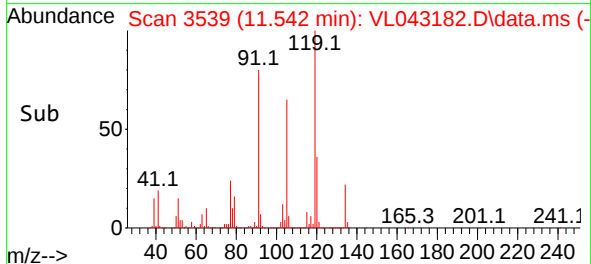
Instrument :
MSVOA_L
ClientSampleId :
VL1111ABS01



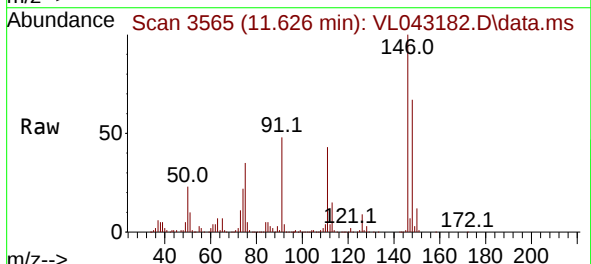
Tgt Ion: 119 Resp: 71770
Ion Ratio Lower Upper
119 100
91 80.9 63.4 95.0
134 22.1 17.3 25.9

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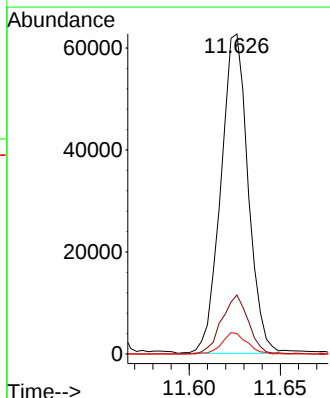
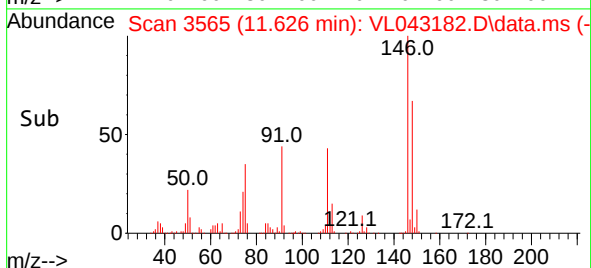
Reviewed By :Semsettin Yesilyurt 11/13/2025
Supervised By :Mahesh Dadoda 11/13/2025

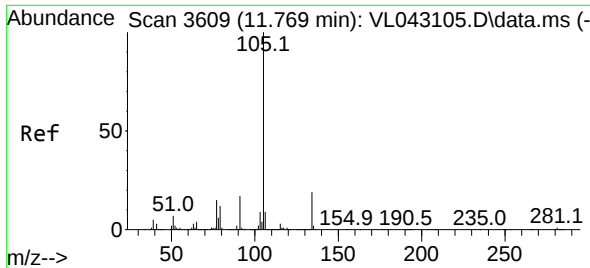


#66
Benzyl Chloride
Concen: 8.484 ppbv
RT: 11.626 min Scan# 3565
Delta R.T. 0.009 min
Lab File: VL043182.D
Acq: 11 Nov 2025 09:44



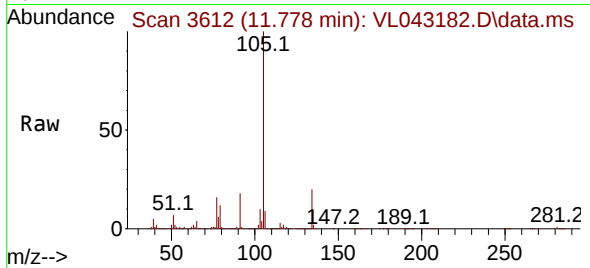
Tgt Ion: 91 Resp: 65105
Ion Ratio Lower Upper
91 100
126 18.2 14.6 22.0
128 6.2 4.6 6.8





#67
 sec-Butylbenzene
 Concen: 10.751 ppbv
 RT: 11.778 min Scan# 3612
 Delta R.T. 0.009 min
 Lab File: VL043182.D
 Acq: 11 Nov 2025 09:44

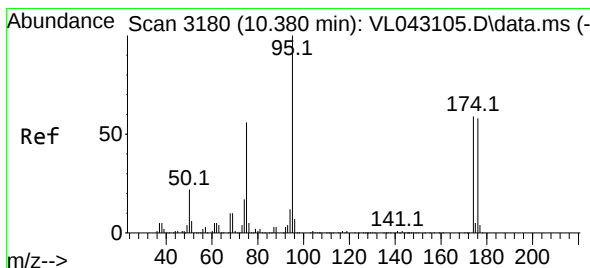
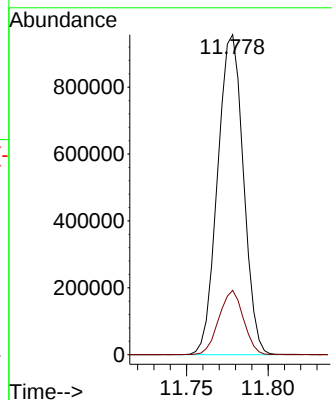
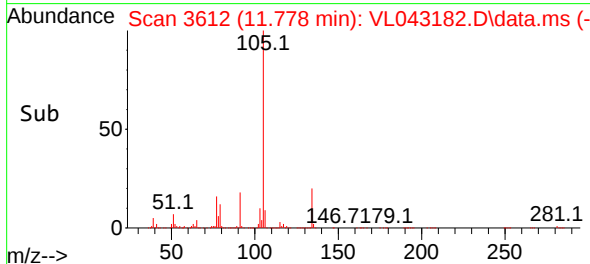
Instrument :
 MSVOA_L
 ClientSampleId :
 VL1111ABS01



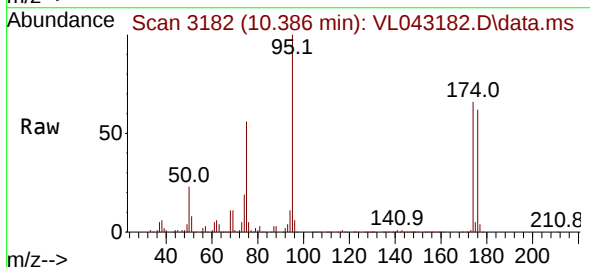
Tgt Ion:105 Resp: 105204
 Ion Ratio Lower Upper
 105 100
 134 19.2 15.5 23.3

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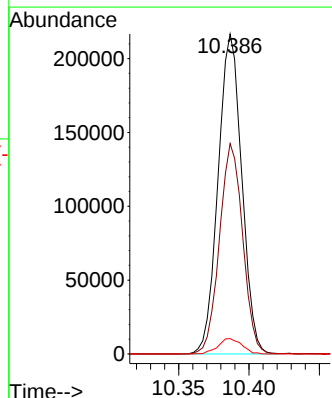
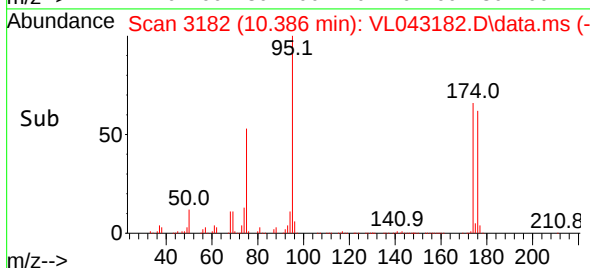
Reviewed By :Semsettin Yesilyurt 11/13/2025
 Supervised By :Mahesh Dadoda 11/13/2025

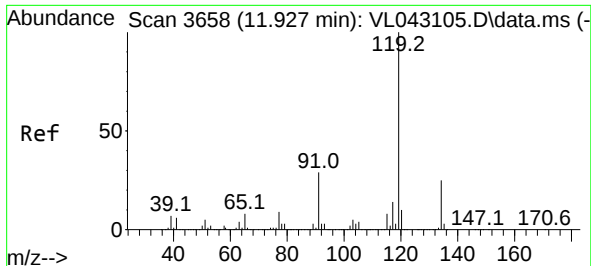


#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.198 ppbv
 RT: 10.386 min Scan# 3182
 Delta R.T. 0.006 min
 Lab File: VL043182.D
 Acq: 11 Nov 2025 09:44



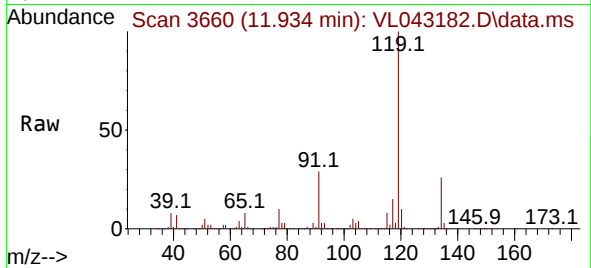
Tgt Ion: 95 Resp: 253333
 Ion Ratio Lower Upper
 95 100
 174 64.6 48.3 72.5
 175 4.8 3.8 5.8





#69
p-Isopropyltoluene
Concen: 10.476 ppbv
RT: 11.934 min Scan# 3660
Delta R.T. 0.006 min
Lab File: VL043182.D
Acq: 11 Nov 2025 09:44

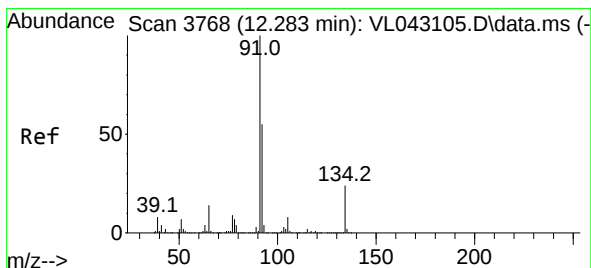
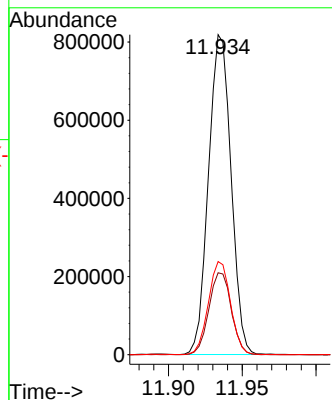
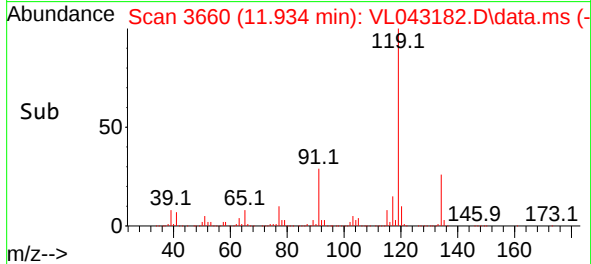
Instrument :
MSVOA_L
ClientSampleId :
VL1111ABS01



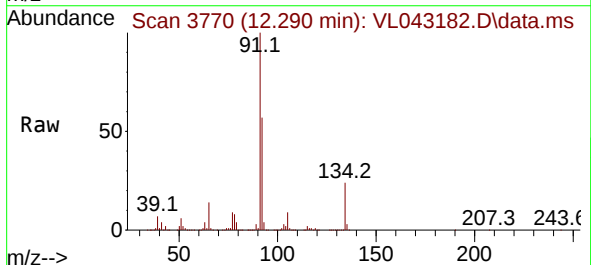
Tgt Ion:119 Resp: 871080
Ion Ratio Lower Upper
119 100
134 25.6 20.3 30.5
91 28.8 22.6 33.8

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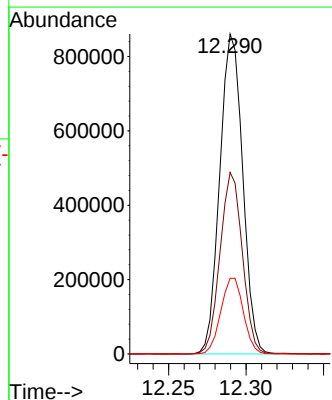
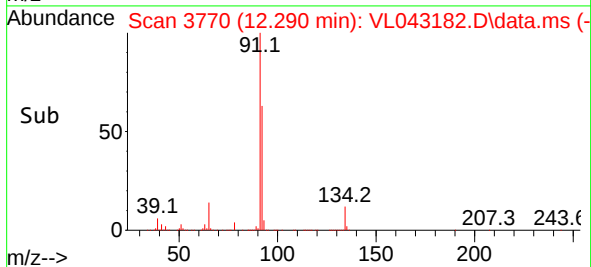
Reviewed By :Semsettin Yesilyurt 11/13/2025
Supervised By :Mahesh Dadoda 11/13/2025

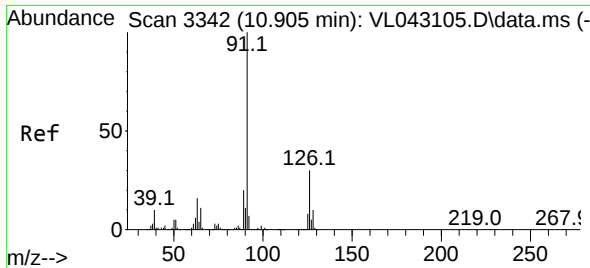


#70
n-Butylbenzene
Concen: 10.821 ppbv
RT: 12.290 min Scan# 3770
Delta R.T. 0.006 min
Lab File: VL043182.D
Acq: 11 Nov 2025 09:44



Tgt Ion: 91 Resp: 886686
Ion Ratio Lower Upper
91 100
92 55.2 44.5 66.7
134 23.3 19.3 28.9





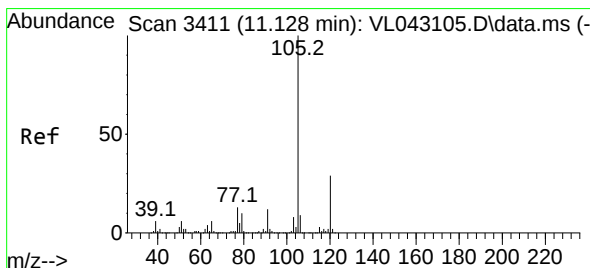
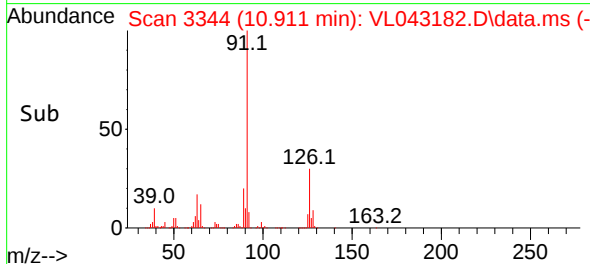
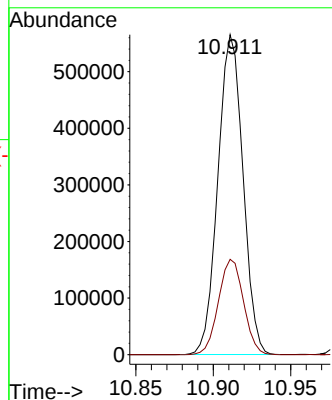
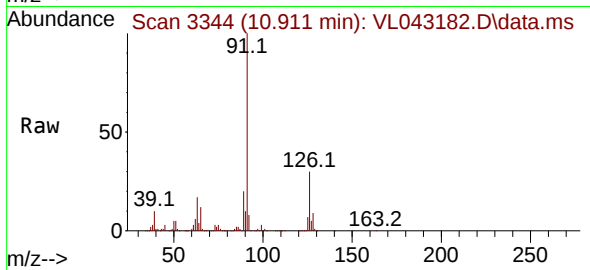
#71
2-Chlorotoluene
Concen: 10.682 ppbv
RT: 10.911 min Scan# 31
Delta R.T. 0.006 min
Lab File: VL043182.D
Acq: 11 Nov 2025 09:44

Instrument :
MSVOA_L
ClientSampleId :
VL1111ABS01

Tgt Ion: 91 Resp: 63610
Ion Ratio Lower Upper
91 100
126 29.8 12.0 48.0

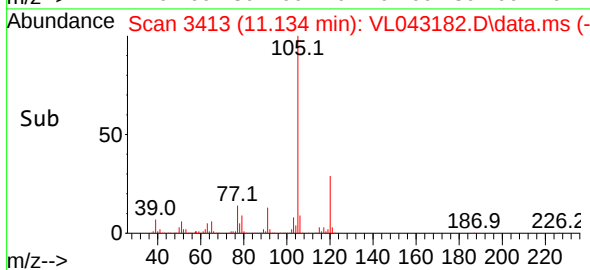
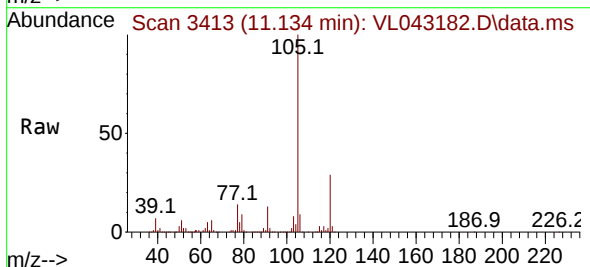
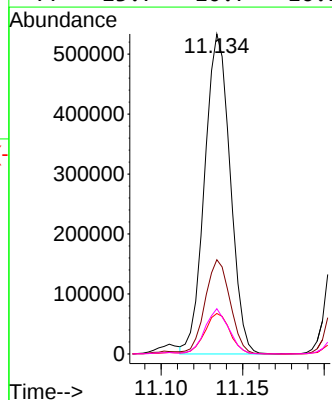
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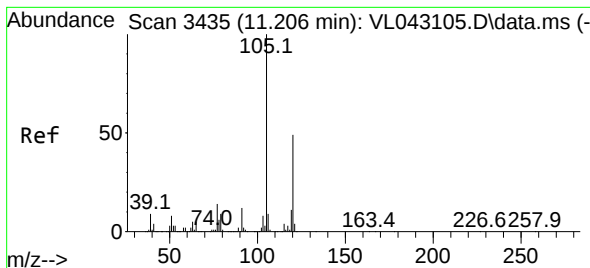
Reviewed By :Semsettin Yesilyurt 11/13/2025
Supervised By :Mahesh Dadoda 11/13/2025



#72
4-Ethyltoluene
Concen: 10.922 ppbv
RT: 11.134 min Scan# 3413
Delta R.T. 0.006 min
Lab File: VL043182.D
Acq: 11 Nov 2025 09:44

Tgt Ion:105 Resp: 580283
Ion Ratio Lower Upper
105 100
120 29.7 24.2 36.4
91 12.9 10.0 15.0
77 13.7 10.7 16.1





#73

1,3,5-Trimethylbenzene

Concen: 10.960 ppbv

RT: 11.212 min Scan# 34

Delta R.T. 0.006 min

Lab File: VL043182.D

Acq: 11 Nov 2025 09:44

Instrument :

MSVOA_L

ClientSampleId :

VL1111ABS01

Tgt Ion:105 Resp: 480244

Ion Ratio Lower Upper

105 100

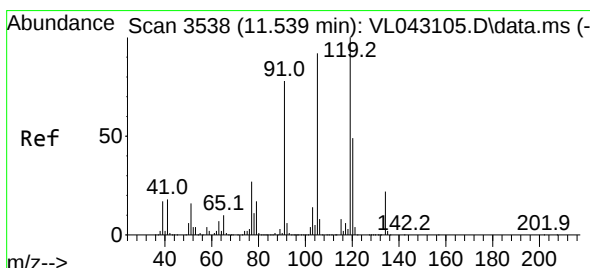
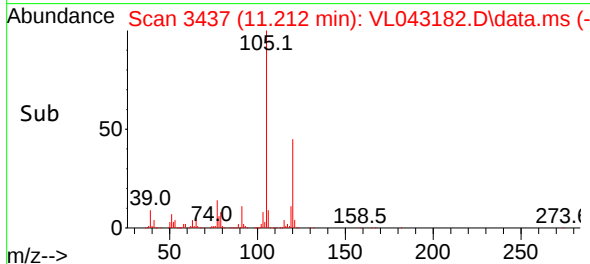
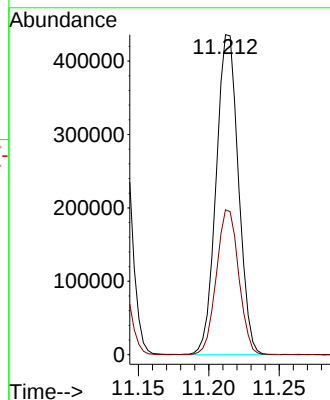
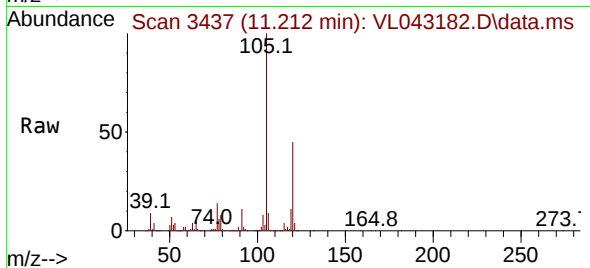
120 45.2 39.0 58.6

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/13/2025

Supervised By :Mahesh Dadoda 11/13/2025



#74

1,2,4-Trimethylbenzene

Concen: 10.711 ppbv

RT: 11.545 min Scan# 3540

Delta R.T. 0.006 min

Lab File: VL043182.D

Acq: 11 Nov 2025 09:44

Tgt Ion:105 Resp: 525205

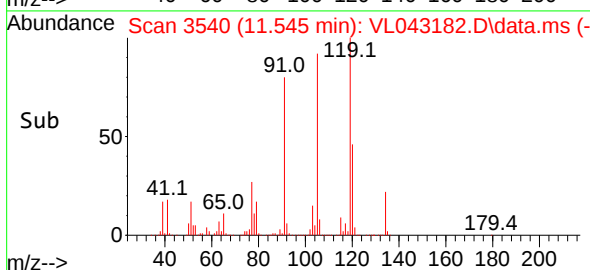
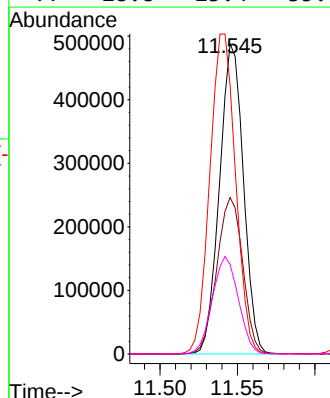
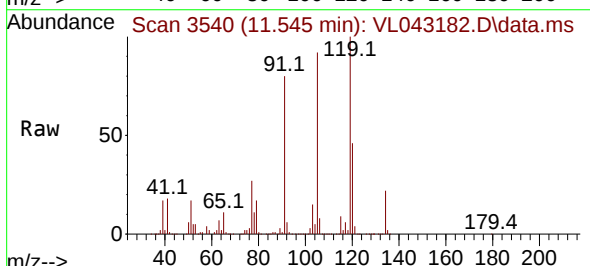
Ion Ratio Lower Upper

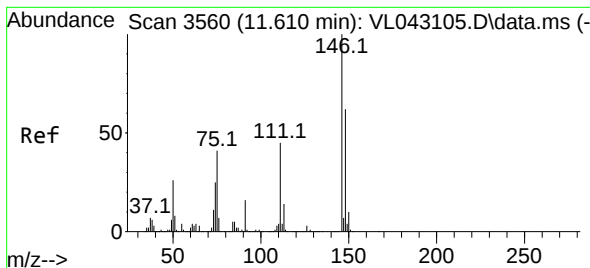
105 100

120 50.4 42.8 64.2

91 86.6 68.3 102.5

77 28.8 23.4 35.0





#75

1,3-Dichlorobenzene

Concen: 11.226 ppbv

RT: 11.616 min Scan# 3560

Delta R.T. 0.006 min

Lab File: VL043182.D

Acq: 11 Nov 2025 09:44

Instrument :

MSVOA_L

ClientSampleId :

VL1111ABS01

Tgt Ion:146 Resp: 319259

Ion Ratio Lower Upper

146 100

111 45.8 23.3 69.9

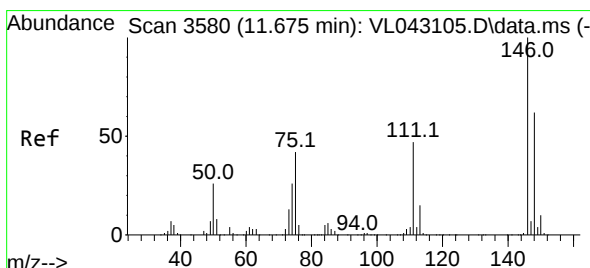
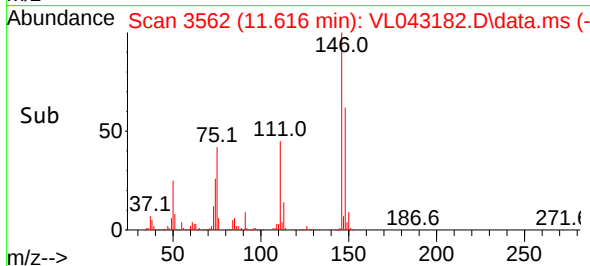
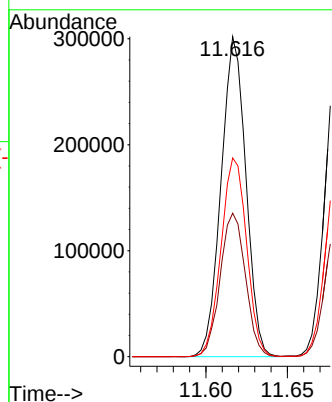
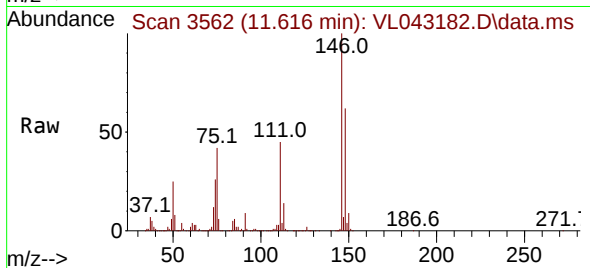
148 64.1 31.6 95.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/13/2025

Supervised By :Mahesh Dadoda 11/13/2025



#76

1,4-Dichlorobenzene

Concen: 11.217 ppbv

RT: 11.681 min Scan# 3582

Delta R.T. 0.006 min

Lab File: VL043182.D

Acq: 11 Nov 2025 09:44

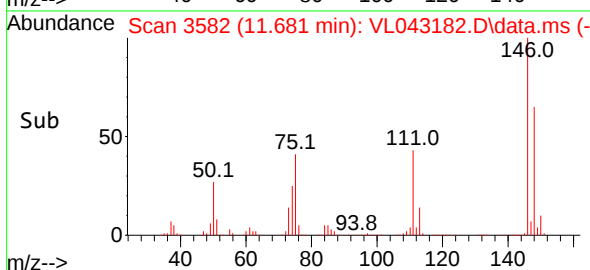
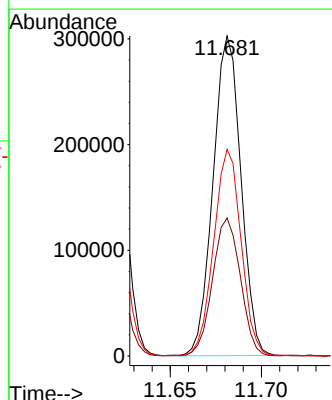
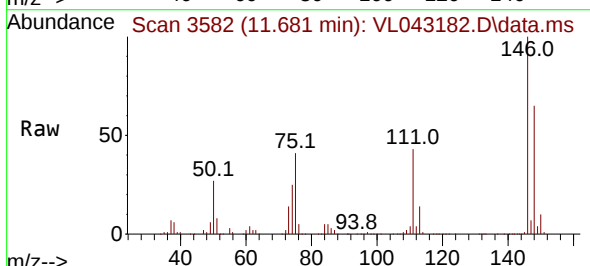
Tgt Ion:146 Resp: 321653

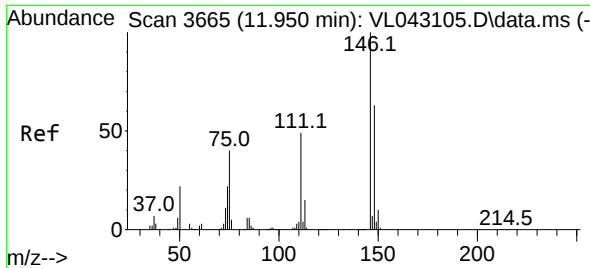
Ion Ratio Lower Upper

146 100

111 43.2 22.4 67.0

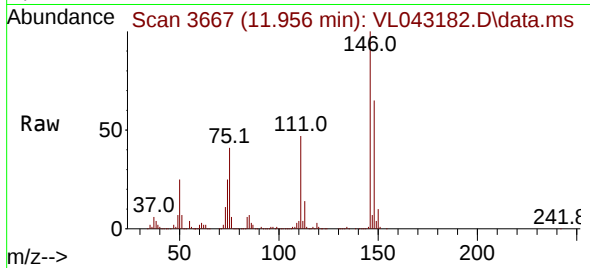
148 63.7 31.6 94.7





#77
1,2-Dichlorobenzene
Concen: 11.088 ppbv
RT: 11.956 min Scan# 3667
Delta R.T. 0.006 min
Lab File: VL043182.D
Acq: 11 Nov 2025 09:44

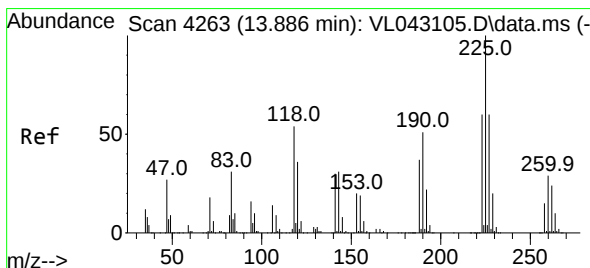
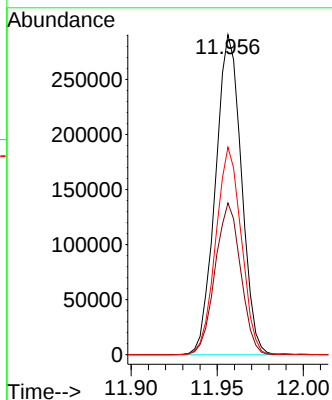
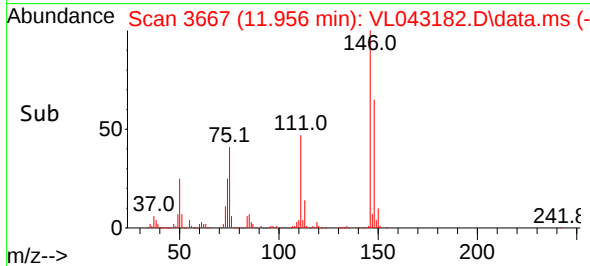
Instrument :
MSVOA_L
ClientSampleId :
VL1111ABS01



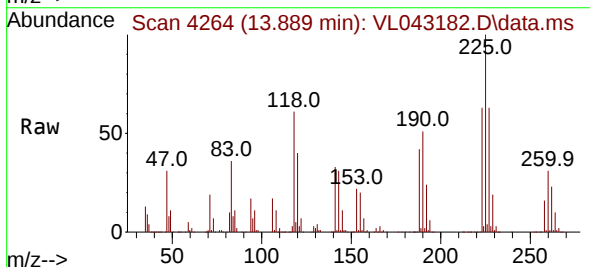
Tgt Ion:146 Resp: 305054
Ion Ratio Lower Upper
146 100
111 46.8 24.0 72.0
148 64.0 31.1 93.3

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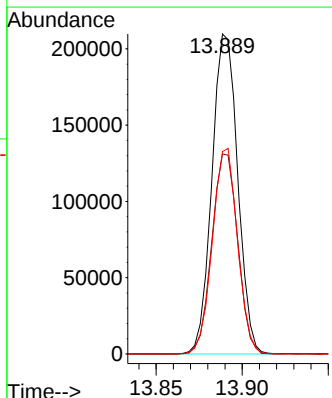
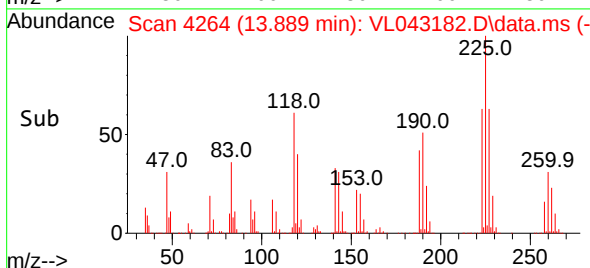
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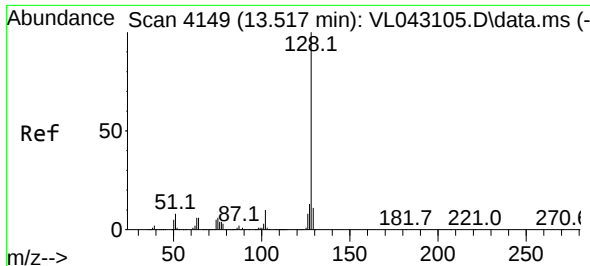


#78
Hexachloro-1,3-Butadiene
Concen: 10.263 ppbv
RT: 13.889 min Scan# 4264
Delta R.T. 0.003 min
Lab File: VL043182.D
Acq: 11 Nov 2025 09:44



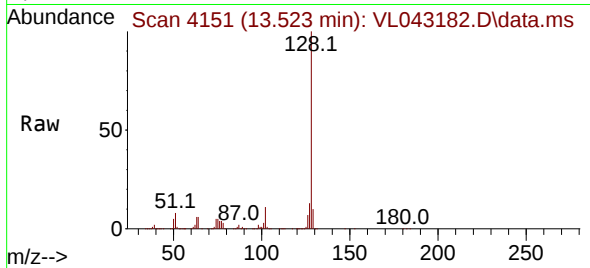
Tgt Ion:225 Resp: 218622
Ion Ratio Lower Upper
225 100
223 62.8 50.2 75.4
227 62.6 49.6 74.4





#79
Naphthalene
Concen: 10.185 ppbv
RT: 13.523 min Scan# 4149
Delta R.T. 0.006 min
Lab File: VL043182.D
Acq: 11 Nov 2025 09:44

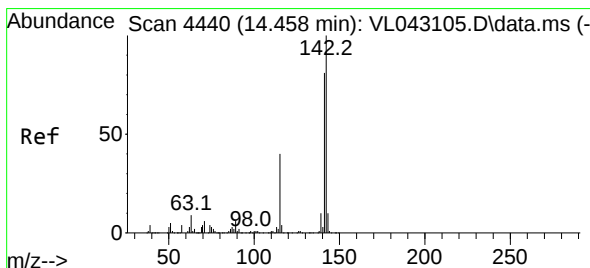
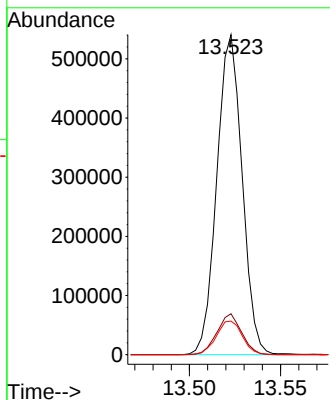
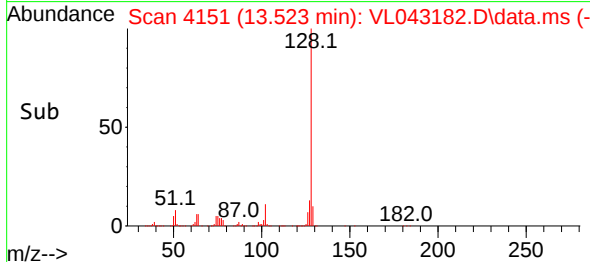
Instrument :
MSVOA_L
ClientSampleId :
VL1111ABS01



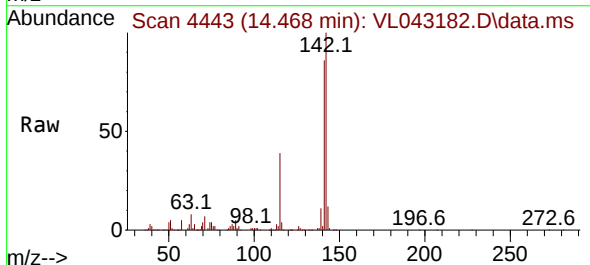
Tgt Ion:128 Resp: 521984
Ion Ratio Lower Upper
128 100
127 12.8 10.5 15.7
129 10.5 9.1 13.7

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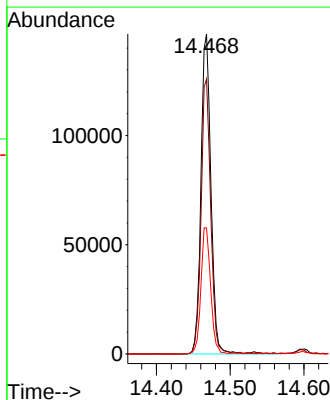
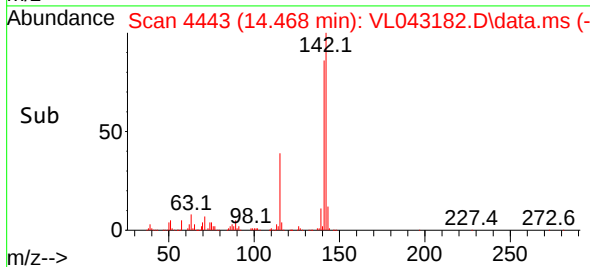
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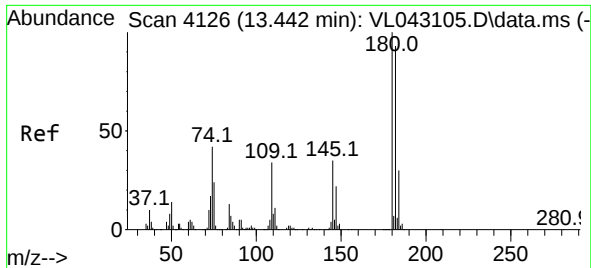


#80
Naphthalene,2-methyl-
Concen: 10.334 ppbv
RT: 14.468 min Scan# 4443
Delta R.T. 0.009 min
Lab File: VL043182.D
Acq: 11 Nov 2025 09:44



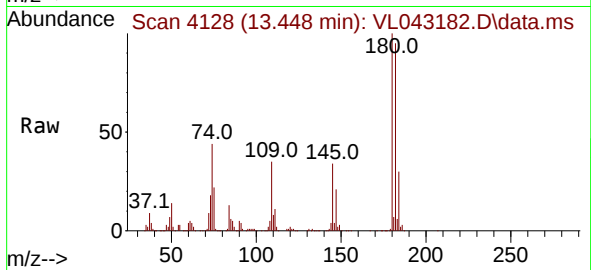
Tgt Ion:142 Resp: 137988
Ion Ratio Lower Upper
142 100
141 83.6 64.6 97.0
115 38.9 30.2 45.4





#81
 1,2,4-Trichlorobenzene
 Concen: 10.773 ppbv
 RT: 13.448 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VL043182.D
 Acq: 11 Nov 2025 09:44

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1111ABS01



Tgt Ion:180 Resp: 22916
 Ion Ratio Lower Upper
 180 100
 182 95.2 75.5 113.3
 184 29.8 23.9 35.9

Manual Integrations
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