

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111325\
 Data File : VL043191.D
 Acq On : 13 Nov 2025 09:01
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Quant Time: Nov 14 04:35:24 2025

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

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

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

Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 11/18/2025
 Supervised By : Mahesh Dadoda 11/18/2025

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

Internal Standards						
1) Bromochloromethane	2.794	49	141757	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.969	114	379323	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.891	117	324654	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 10.384 95 262602 10.406 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 104.100%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.502	85	186958	9.277	ppbv	98
3) Chlorodifluoromethane	1.480	51	207578	9.520	ppbv	99
4) Chloromethane	1.538	50	66004	8.267	ppbv	100
5) Vinyl Chloride	1.586	62	65529	8.368	ppbv	97
6) Bromomethane	1.674	94	38785	9.032	ppbv	97
7) Chloroethane	1.709	64	26067	8.142	ppbv	98
8) Dichlorotetrafluoroethane	1.560	85	149728	9.192	ppbv	92
9) Propene	1.489	41	79350	8.205	ppbv	99
10) Heptane	4.995	43	257113	9.235	ppbv	98
11) Trichlorofluoromethane	1.884	101	203965	10.347	ppbv	98
12) 1,1,2-Trichlorotrifluo...	2.146	101	157214	9.906	ppbv	96
13) Ethanol	1.726	45	22877	6.395	ppbv	95
14) Bromoethene	1.787	108	55856	9.474	ppbv	99
15) Acetone	1.839	43	157089	8.222	ppbv	100
16) 1,3-Butadiene	1.612	39	71284	7.828	ppbv	100
17) tert-Butyl alcohol	2.043	59	212144	8.089	ppbv	99
18) 1,1-Dichloroethene	2.039	96	67616	9.773	ppbv	92
19) Isopropyl Alcohol	1.891	45	89741	7.541	ppbv	90
20) Methylene Chloride	2.069	84	61280	8.114	ppbv	97
21) Allyl Chloride	2.101	41	118968	8.450	ppbv	98
22) trans-1,2-Dichloroethene	2.347	96	77213	9.336	ppbv	97
23) Vinyl Acetate	2.467	43	288816	10.319	ppbv #	99
24) 1,1-Dichloroethane	2.415	63	148680	9.305	ppbv	99
25) Ethyl Acetate	2.839	43	458770	9.682	ppbv	99
26) Hexane	2.836	57	208153	9.534	ppbv	99
27) Carbon Disulfide	2.156	76	192431	9.620	ppbv	100
28) Methyl tert-Butyl Ether	2.447	73	84272	8.484	ppbv	95
29) Chloroform	2.855	83	307588	9.723	ppbv	100
30) Cyclohexane	3.868	84	161792	8.490	ppbv	98
31) cis-1,2-Dichloroethene	2.729	61	192730	9.244	ppbv	99
32) 1,1,1-Trichloroethane	3.376	97	292767	8.887	ppbv	97
34) 2-Butanone	2.561	43	304449	11.940	ppbv	98
35) Carbon Tetrachloride	3.774	117	302120	11.078	ppbv	95
36) Benzene	3.668	78	394397	11.039	ppbv	97
37) 1,2-Dichloroethane	3.227	62	227409	11.049	ppbv	98
38) Trichloroethene	4.561	130	143231	9.599	ppbv	99
39) 1,2-Dichloropropane	4.328	63	147718	11.310	ppbv	97
40) 1,4-Dioxane	4.590	88	57344	9.811	ppbv #	95
41) Tetrahydrofuran	3.059	42	152660	10.704	ppbv	96
42) Bromodichloromethane	4.499	83	321852	11.299	ppbv	99
43) Methyl Methacrylate	4.891	69	184954	10.193	ppbv	99
44) 2,2,4-Trimethylpentane	4.655	57	685708	11.376	ppbv	99
45) t-1,3-Dichloropropene	6.428	75	172223	9.458	ppbv	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111325\
 Data File : VL043191.D
 Acq On : 13 Nov 2025 09:01
 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 11/18/2025
 Supervised By :Mahesh Dadoda 11/18/2025

Quant Time: Nov 14 04:35:24 2025

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

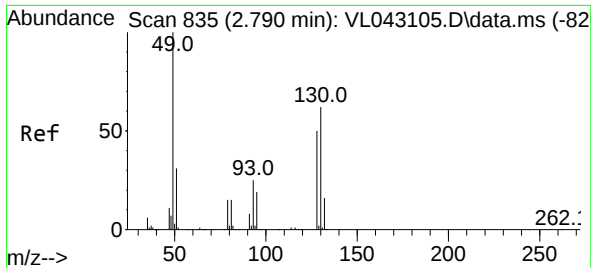
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

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	5.616	75	216380	9.947	ppbv	99
47) 1,1,2-Trichloroethane	6.590	97	154071	10.924	ppbv	97
48) Dibromochloromethane	7.396	129	253004	10.729	ppbv	100
49) Bromoform	9.493	173	223457	11.657	ppbv	100
50) 4-Methyl-2-Pentanone	5.762	43	383415	10.896	ppbv	97
51) 2-Hexanone	7.445	43	290059	10.990	ppbv #	95
52) Tetrachloroethene	8.238	164	129582	10.058	ppbv	96
53) Toluene	6.946	91	417333	9.842	ppbv	100
54) 1,2-Dibromoethane	7.662	107	230500	10.434	ppbv	99
56) 1,1,1,2-Tetrachloroethane	8.934	131	238374	11.648	ppbv	100
57) Chlorobenzene	8.930	112	338588	11.148	ppbv	98
58) Ethyl Benzene	9.364	91	587423	10.543	ppbv	99
59) m/p-Xylene	9.558	91	981214m	22.079	ppbv	
60) o-Xylene	9.973	91	486760	11.090	ppbv	100
61) Styrene	9.879	104	195183	9.851	ppbv	99
62) Isopropylbenzene	10.549	105	881218	11.111	ppbv	99
63) 1,1,2,2-Tetrachloroethane	9.969	83	340692	11.592	ppbv	100
64) n-propylbenzene	10.995	120	234766	11.181	ppbv	95
65) tert-Butylbenzene	11.539	119	751341	10.727	ppbv	99
66) Benzyl Chloride	11.623	91	66547	8.537	ppbv	100
67) sec-Butylbenzene	11.775	105	1102574	11.092	ppbv	100
69) p-Isopropyltoluene	11.934	119	898238	10.634	ppbv	99
70) n-Butylbenzene	12.287	91	919213	11.043	ppbv	100
71) 2-Chlorotoluene	10.908	91	665438	11.000	ppbv	100
72) 4-Ethyltoluene	11.131	105	610233	11.307	ppbv	99
73) 1,3,5-Trimethylbenzene	11.212	105	498832	11.207	ppbv	97
74) 1,2,4-Trimethylbenzene	11.546	105	550086	11.044	ppbv	88
75) 1,3-Dichlorobenzene	11.613	146	340928	11.801	ppbv	98
76) 1,4-Dichlorobenzene	11.678	146	335522	11.518	ppbv	98
77) 1,2-Dichlorobenzene	11.953	146	324755	11.620	ppbv	98
78) Hexachloro-1,3-Butadiene	13.889	225	225968	10.443	ppbv	99
79) Naphthalene	13.520	128	543024	10.430	ppbv	99
80) Naphthalene,2-methyl-	14.465	142	133878	9.870	ppbv	99
81) 1,2,4-Trichlorobenzene	13.449	180	230586	10.671	ppbv	99

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



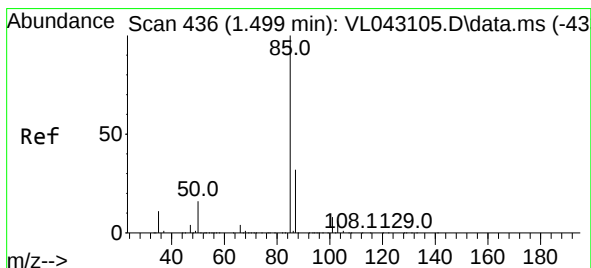
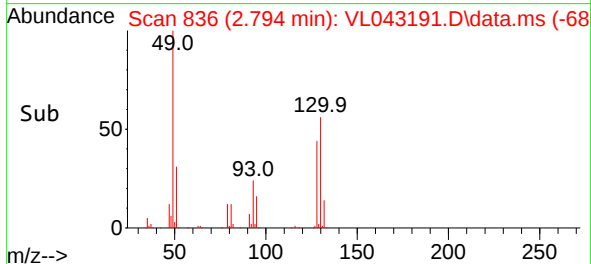
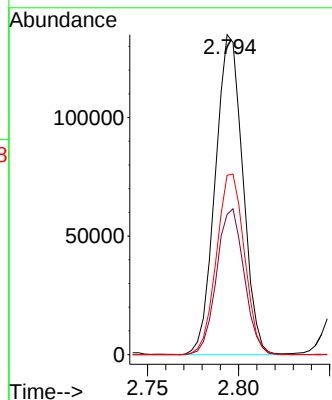
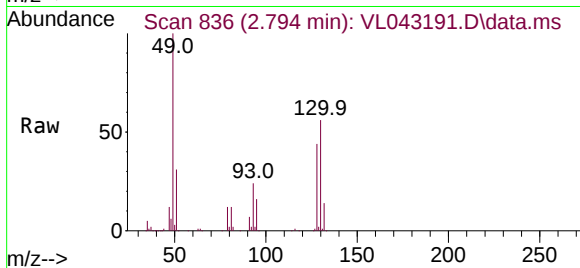
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.794 min Scan# 835
Delta R.T. 0.004 min
Lab File: VL043191.D
Acq: 13 Nov 2025 09:01

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 49 Resp: 141752
Ion Ratio Lower Upper
49 100
128 45.6 24.4 73.4
130 57.5 31.0 93.0

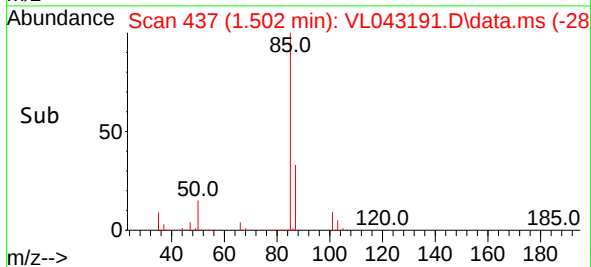
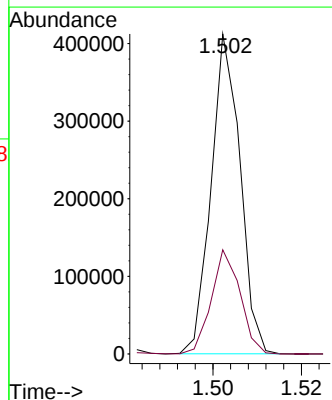
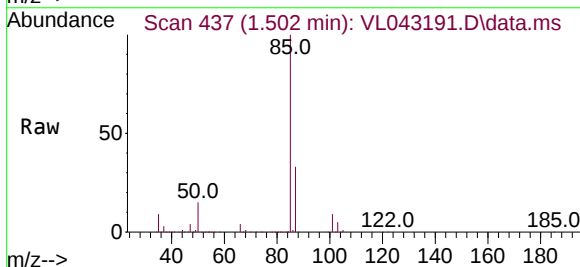
Manual Integrations
APPROVED

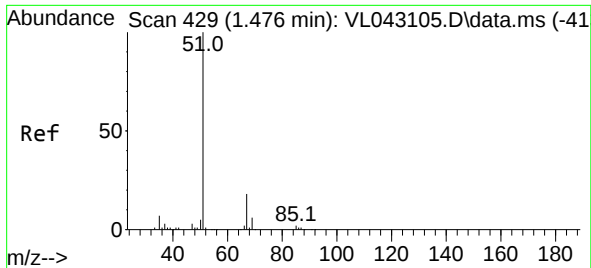
Reviewed By :Semsettin Yesilyurt 11/18/2025
Supervised By :Mahesh Dadoda 11/18/2025



#2
Dichlorodifluoromethane
Concen: 9.277 ppbv
RT: 1.502 min Scan# 437
Delta R.T. 0.003 min
Lab File: VL043191.D
Acq: 13 Nov 2025 09:01

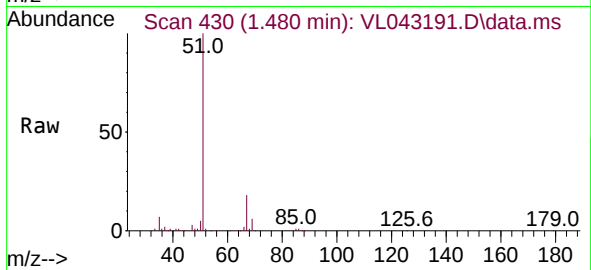
Tgt Ion: 85 Resp: 186958
Ion Ratio Lower Upper
85 100
87 32.5 25.3 37.9





#3
Chlorodifluoromethane
Concen: 9.520 ppbv
RT: 1.480 min Scan# 430
Delta R.T. 0.003 min
Lab File: VL043191.D
Acq: 13 Nov 2025 09:01

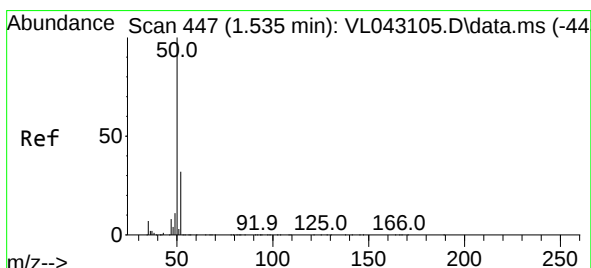
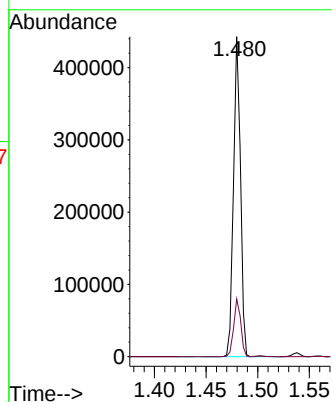
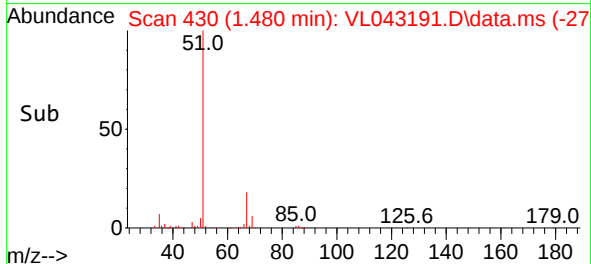
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



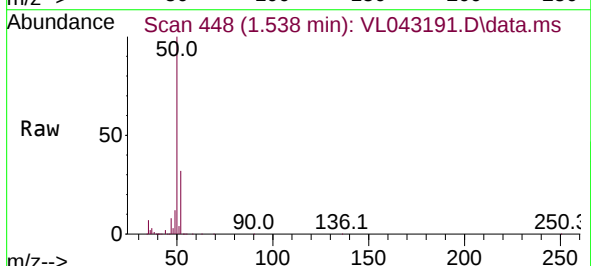
Tgt Ion: 51 Resp: 207578
Ion Ratio Lower Upper
51 100
67 18.3 15.1 22.7

Manual Integrations
APPROVED

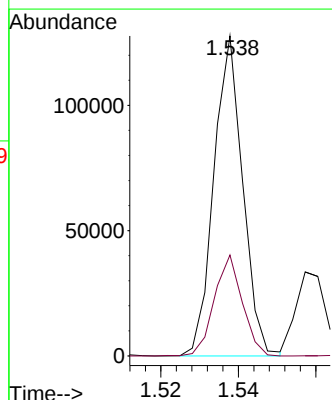
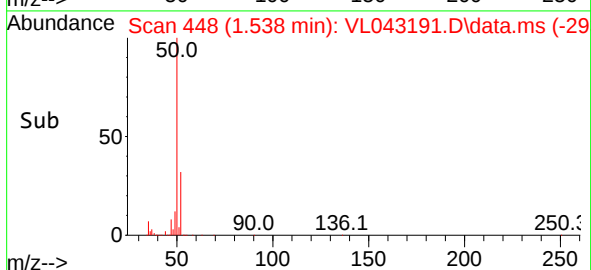
Reviewed By :Semsettin Yesilyurt 11/18/2025
Supervised By :Mahesh Dadoda 11/18/2025

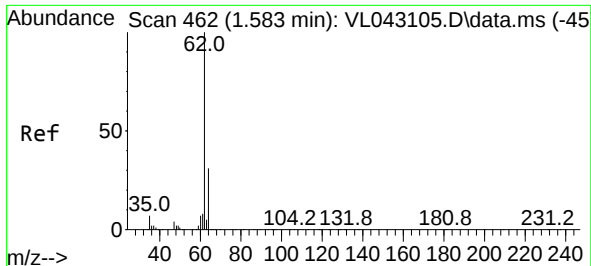


#4
Chloromethane
Concen: 8.267 ppbv
RT: 1.538 min Scan# 448
Delta R.T. 0.003 min
Lab File: VL043191.D
Acq: 13 Nov 2025 09:01



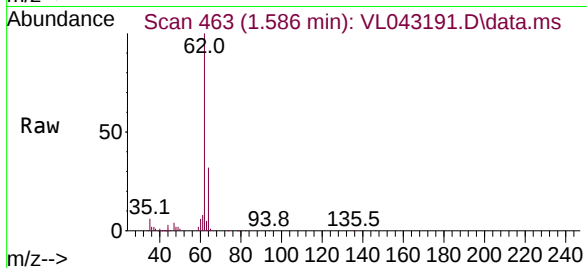
Tgt Ion: 50 Resp: 66004
Ion Ratio Lower Upper
50 100
52 31.5 25.2 37.8





#5
 Vinyl Chloride
 Concen: 8.368 ppbv
 RT: 1.586 min Scan# 40
 Delta R.T. 0.003 min
 Lab File: VL043191.D
 Acq: 13 Nov 2025 09:01

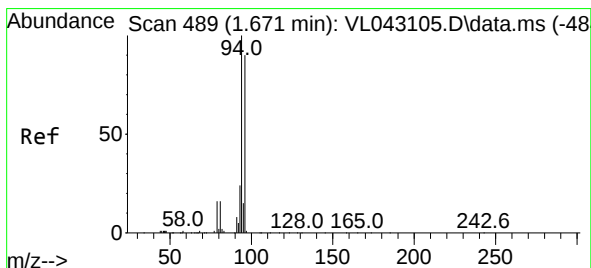
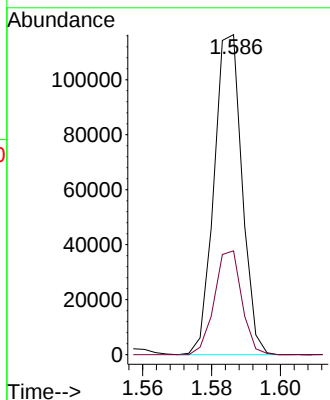
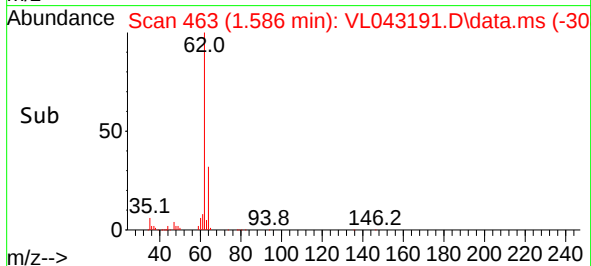
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



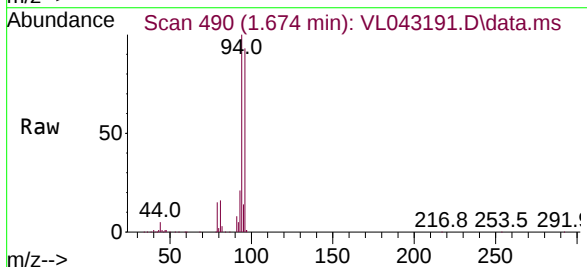
Tgt Ion: 62 Resp: 65529
 Ion Ratio Lower Upper
 62 100
 64 32.4 24.6 36.8

Manual Integrations
 APPROVED

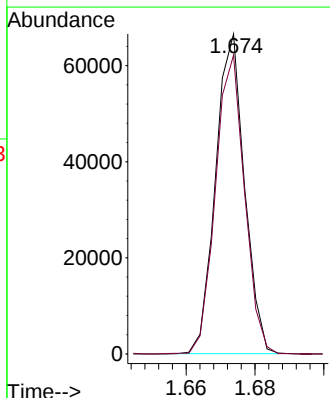
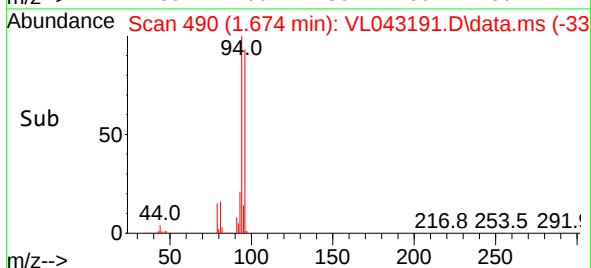
Reviewed By :Semsettin Yesilyurt 11/18/2025
 Supervised By :Mahesh Dadoda 11/18/2025

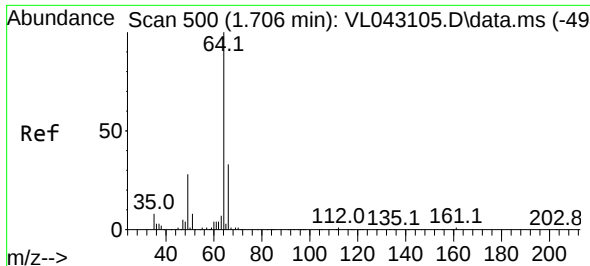


#6
 Bromomethane
 Concen: 9.032 ppbv
 RT: 1.674 min Scan# 490
 Delta R.T. 0.003 min
 Lab File: VL043191.D
 Acq: 13 Nov 2025 09:01



Tgt Ion: 94 Resp: 38785
 Ion Ratio Lower Upper
 94 100
 96 93.4 72.2 108.4





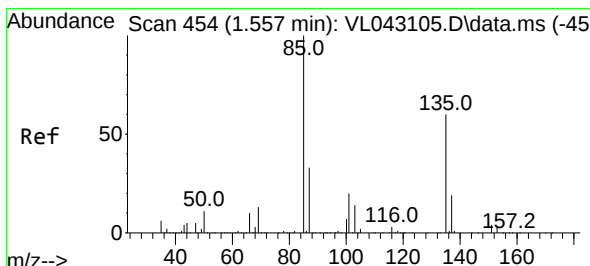
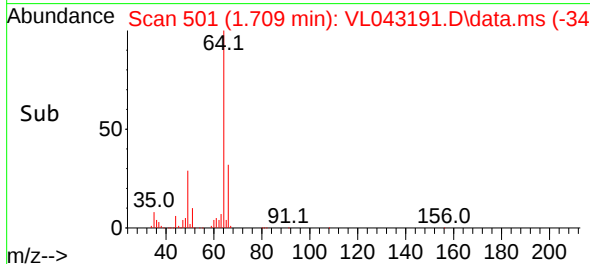
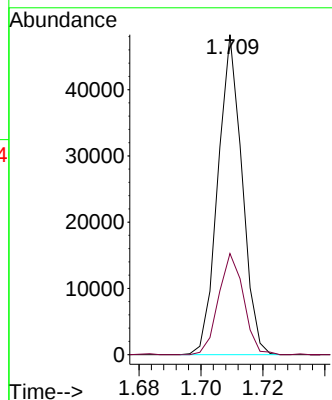
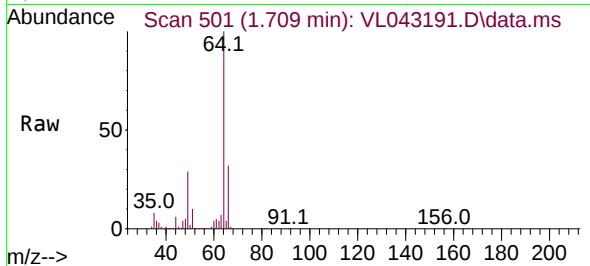
#7
Chloroethane
Concen: 8.142 ppbv
RT: 1.709 min Scan# 500
Delta R.T. 0.003 min
Lab File: VL043191.D
Acq: 13 Nov 2025 09:01

Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

Tgt Ion: 64 Resp: 26062
Ion Ratio Lower Upper
64 100
66 31.6 26.0 39.0

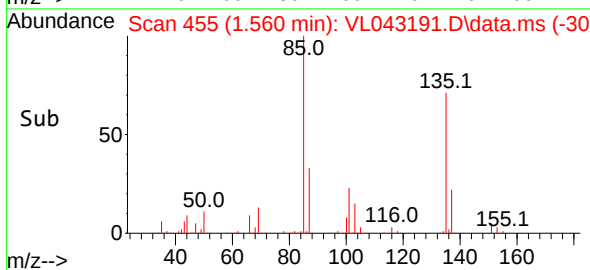
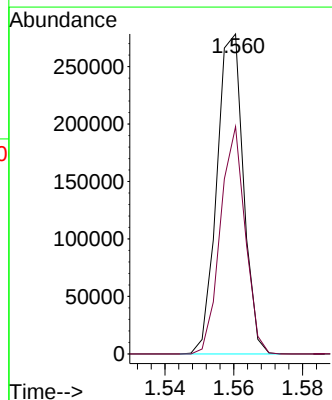
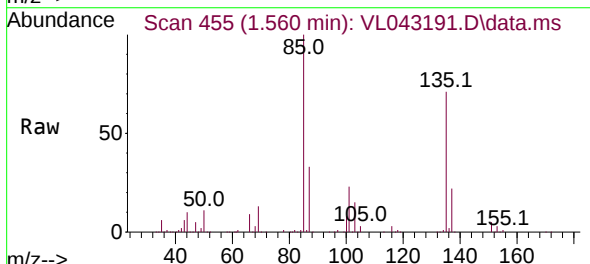
Manual Integrations
APPROVED

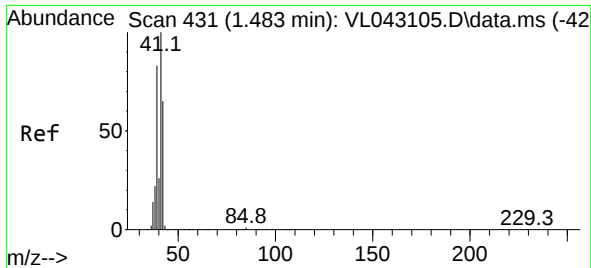
Reviewed By :Semsettin Yesilyurt 11/18/2025
Supervised By :Mahesh Dadoda 11/18/2025



#8
Dichlorotetrafluoroethane
Concen: 9.192 ppbv
RT: 1.560 min Scan# 455
Delta R.T. 0.003 min
Lab File: VL043191.D
Acq: 13 Nov 2025 09:01

Tgt Ion: 85 Resp: 149728
Ion Ratio Lower Upper
85 100
135 66.2 48.2 72.4





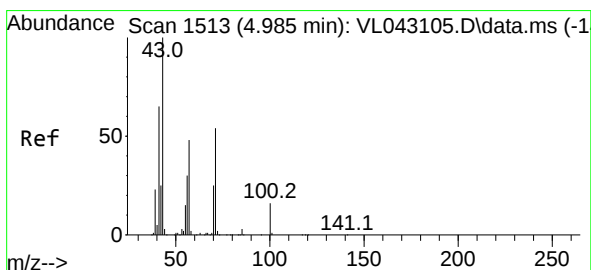
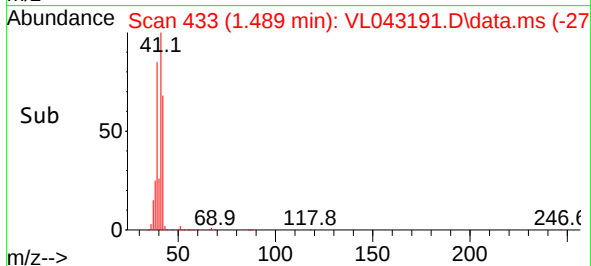
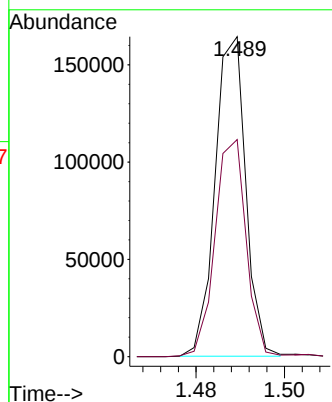
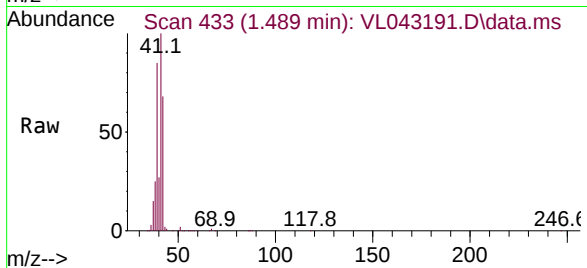
#9
Propene
Concen: 8.205 ppbv
RT: 1.489 min Scan# 431
Delta R.T. 0.006 min
Lab File: VL043191.D
Acq: 13 Nov 2025 09:01

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 41 Resp: 79350
Ion Ratio Lower Upper
41 100
42 69.7 55.1 82.7

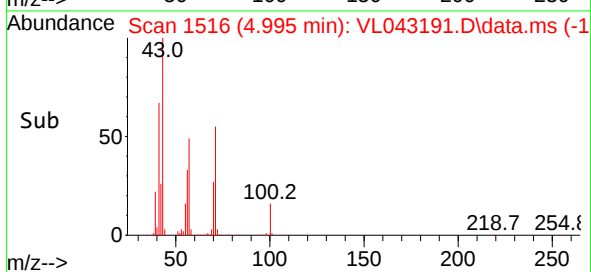
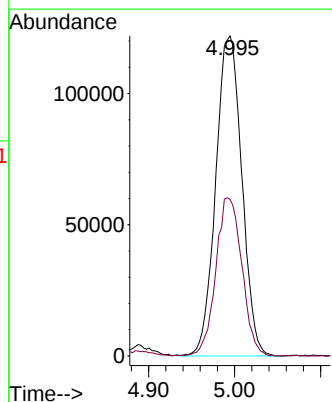
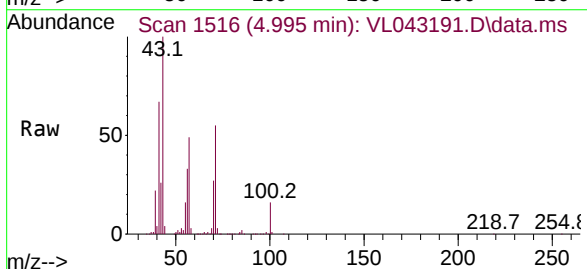
Manual Integrations
APPROVED

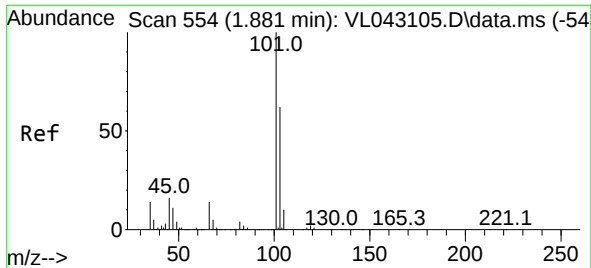
Reviewed By :Semsettin Yesilyurt 11/18/2025
Supervised By :Mahesh Dadoda 11/18/2025



#10
Heptane
Concen: 9.235 ppbv
RT: 4.995 min Scan# 1516
Delta R.T. 0.010 min
Lab File: VL043191.D
Acq: 13 Nov 2025 09:01

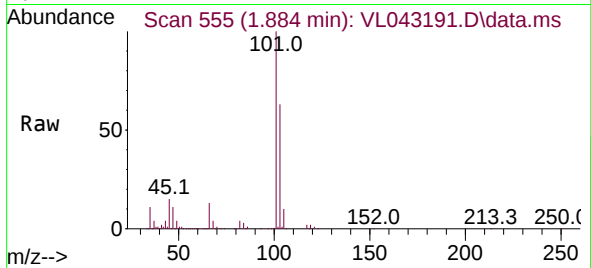
Tgt Ion: 43 Resp: 257113
Ion Ratio Lower Upper
43 100
57 49.3 40.8 61.2





#11
 Trichlorofluoromethane
 Concen: 10.347 ppbv
 RT: 1.884 min Scan# 511
 Delta R.T. 0.003 min
 Lab File: VL043191.D
 Acq: 13 Nov 2025 09:01

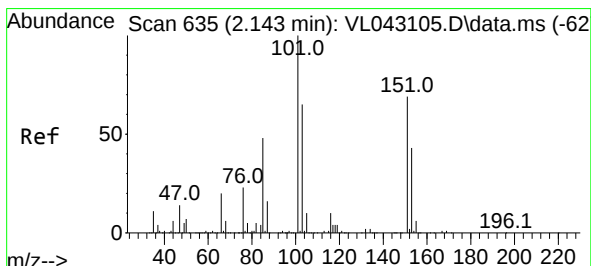
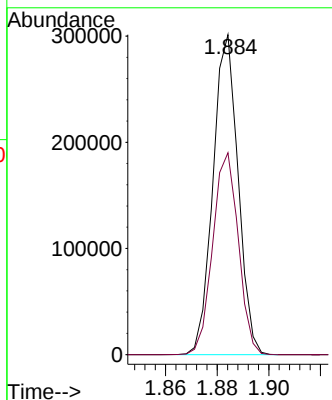
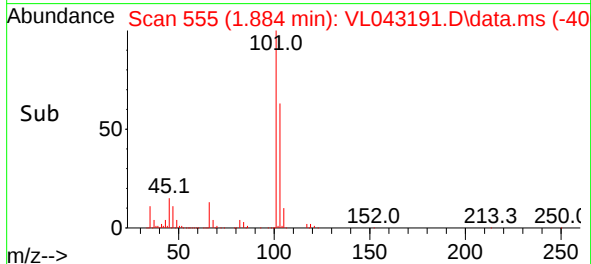
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



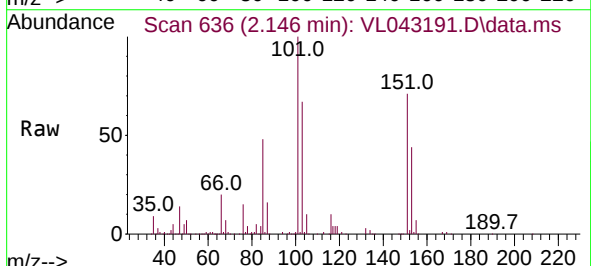
Tgt Ion:101 Resp: 203965
 Ion Ratio Lower Upper
 101 100
 103 63.1 49.3 73.9

Manual Integrations
 APPROVED

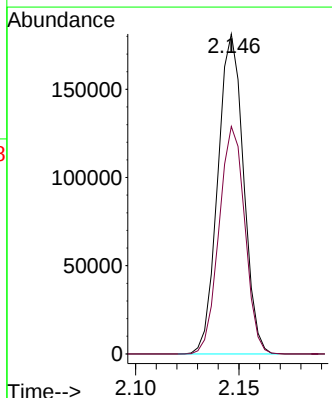
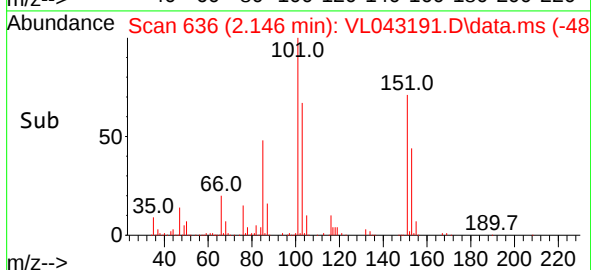
Reviewed By :Semsettin Yesilyurt 11/18/2025
 Supervised By :Mahesh Dadoda 11/18/2025

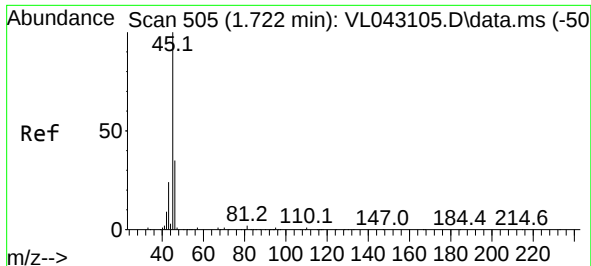


#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.906 ppbv
 RT: 2.146 min Scan# 636
 Delta R.T. 0.003 min
 Lab File: VL043191.D
 Acq: 13 Nov 2025 09:01



Tgt Ion:101 Resp: 157214
 Ion Ratio Lower Upper
 101 100
 151 71.3 54.7 82.1





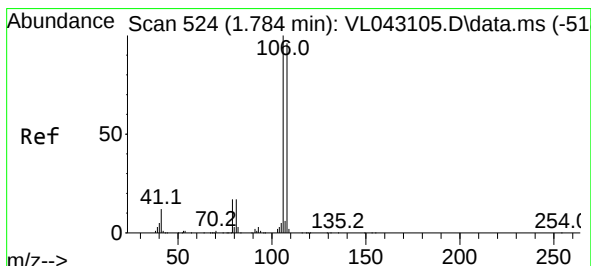
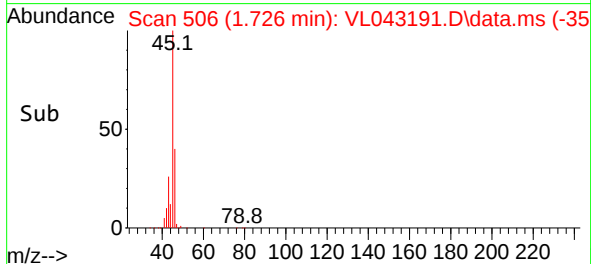
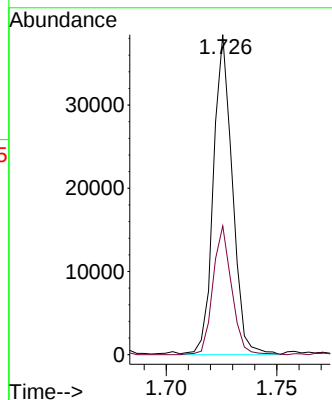
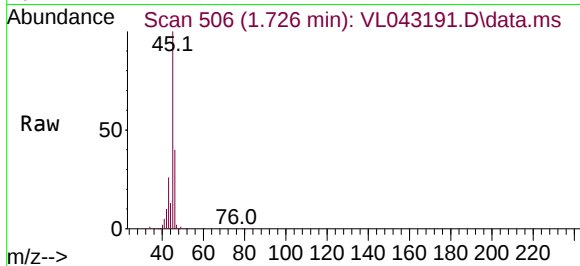
#13
Ethanol
Concen: 6.395 ppbv
RT: 1.726 min Scan# 505
Delta R.T. 0.003 min
Lab File: VL043191.D
Acq: 13 Nov 2025 09:01

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 45 Resp: 22872
Ion Ratio Lower Upper
45 100
46 40.0 14.7 58.9

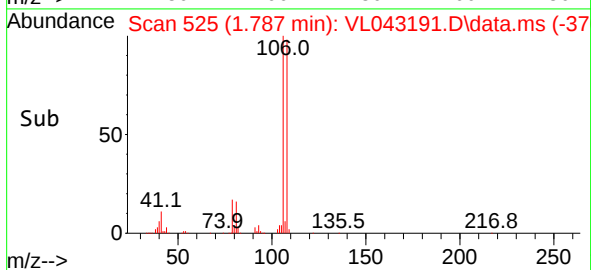
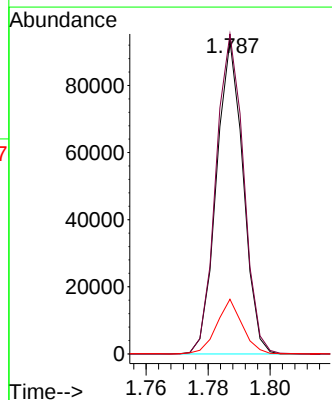
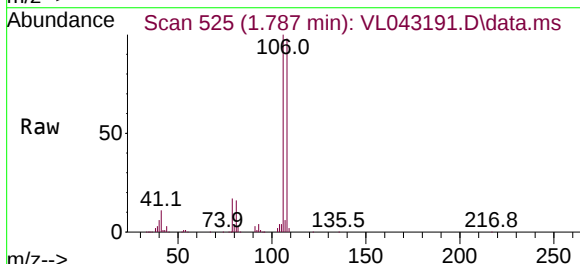
Manual Integrations
APPROVED

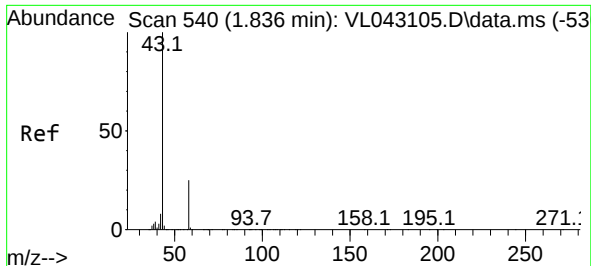
Reviewed By :Semsettin Yesilyurt 11/18/2025
Supervised By :Mahesh Dadoda 11/18/2025



#14
Bromoethene
Concen: 9.474 ppbv
RT: 1.787 min Scan# 525
Delta R.T. 0.003 min
Lab File: VL043191.D
Acq: 13 Nov 2025 09:01

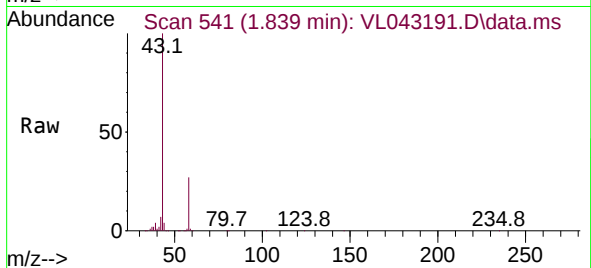
Tgt Ion:108 Resp: 55856
Ion Ratio Lower Upper
108 100
106 105.7 84.4 126.6
79 17.0 15.3 22.9





#15
Acetone
Concen: 8.222 ppbv
RT: 1.839 min Scan# 540
Delta R.T. 0.003 min
Lab File: VL043191.D
Acq: 13 Nov 2025 09:01

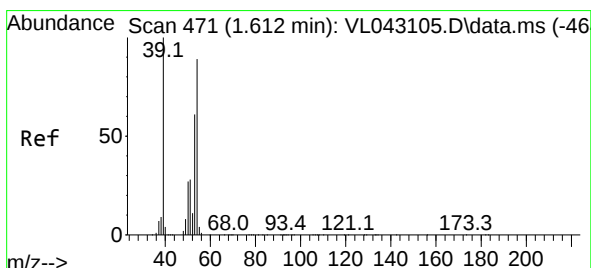
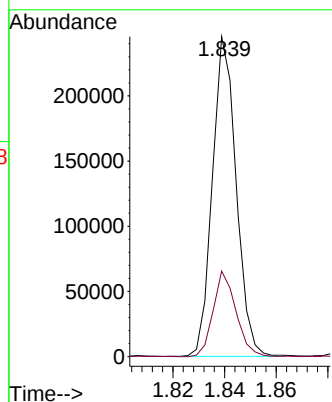
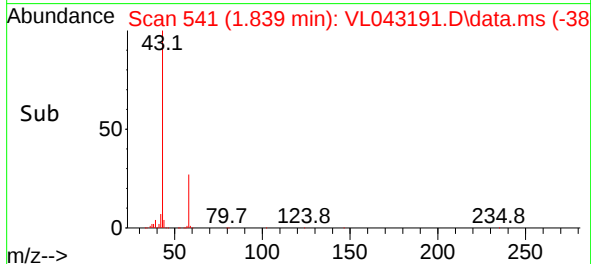
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 43 Resp: 157089
Ion Ratio Lower Upper
43 100
58 25.8 20.8 31.2

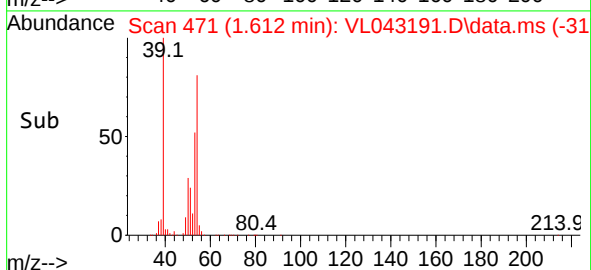
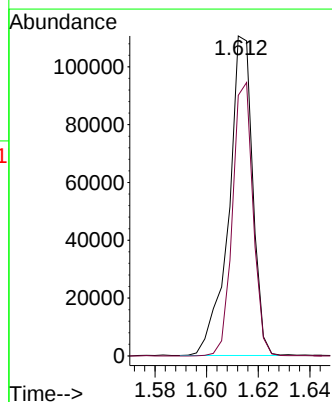
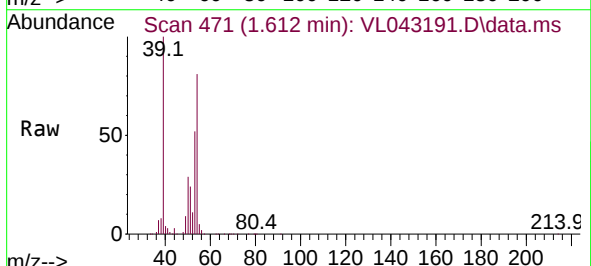
Manual Integrations
APPROVED

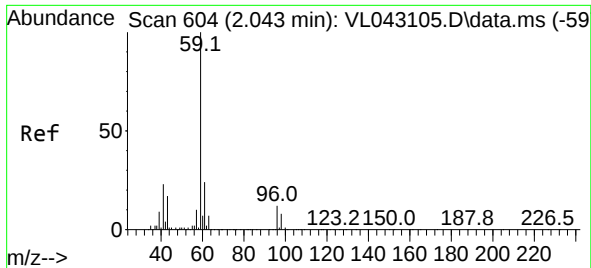
Reviewed By :Semsettin Yesilyurt 11/18/2025
Supervised By :Mahesh Dadoda 11/18/2025



#16
1,3-Butadiene
Concen: 7.828 ppbv
RT: 1.612 min Scan# 471
Delta R.T. 0.000 min
Lab File: VL043191.D
Acq: 13 Nov 2025 09:01

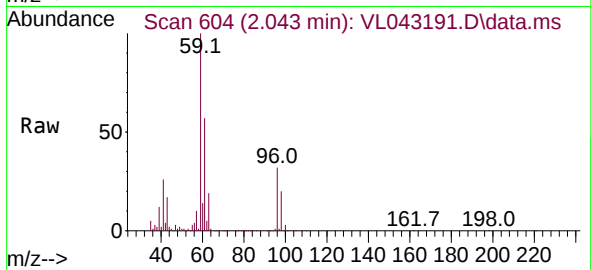
Tgt Ion: 39 Resp: 71284
Ion Ratio Lower Upper
39 100
54 73.4 59.0 88.4





#17
tert-Butyl alcohol
Concen: 8.089 ppbv
RT: 2.043 min Scan# 604
Delta R.T. 0.000 min
Lab File: VL043191.D
Acq: 13 Nov 2025 09:01

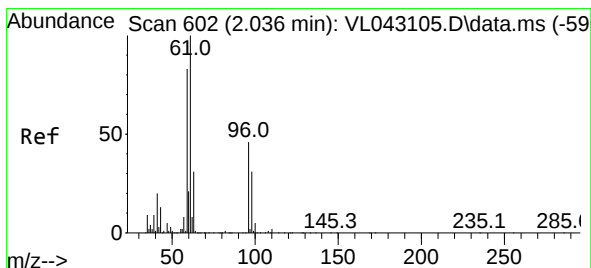
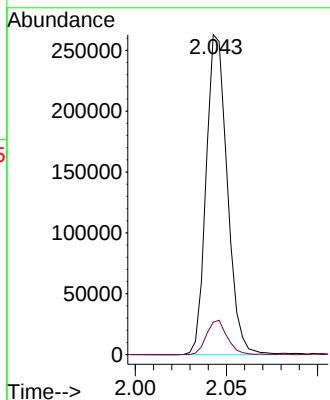
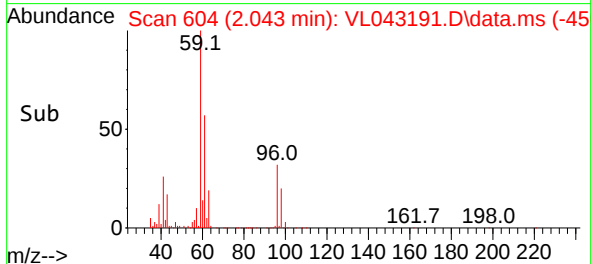
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



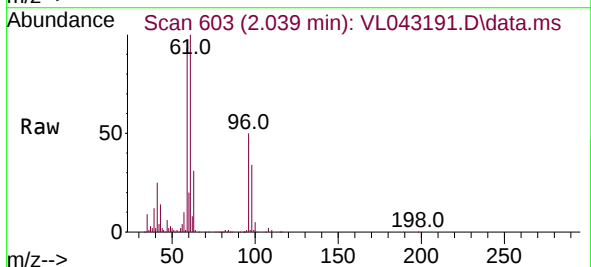
Tgt Ion: 59 Resp: 212144
Ion Ratio Lower Upper
59 100
57 10.6 8.2 12.4

Manual Integrations
APPROVED

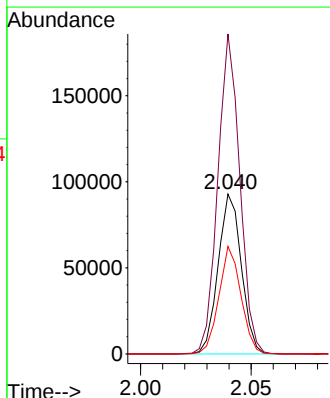
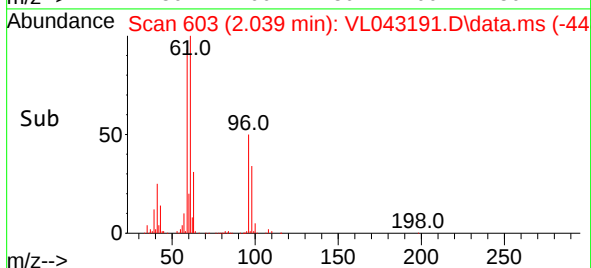
Reviewed By :Semsettin Yesilyurt 11/18/2025
Supervised By :Mahesh Dadoda 11/18/2025

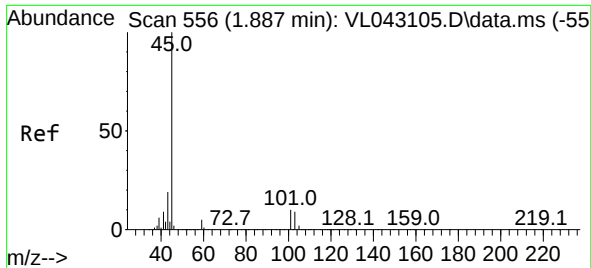


#18
1,1-Dichloroethene
Concen: 9.773 ppbv
RT: 2.039 min Scan# 603
Delta R.T. 0.003 min
Lab File: VL043191.D
Acq: 13 Nov 2025 09:01



Tgt Ion: 96 Resp: 67616
Ion Ratio Lower Upper
96 100
61 200.3 173.4 260.0
98 67.3 53.2 79.8





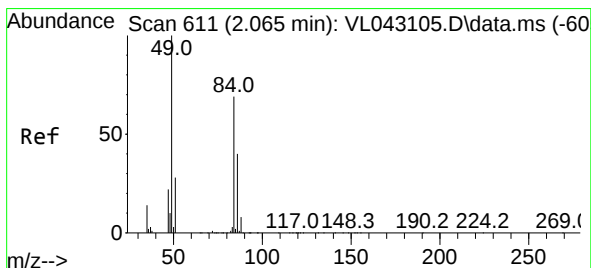
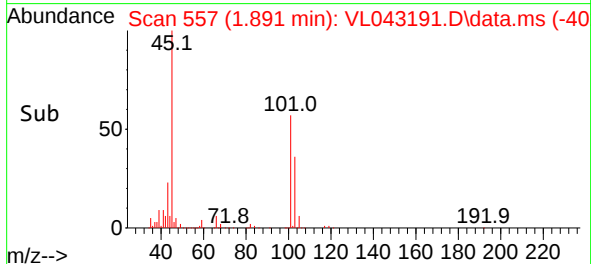
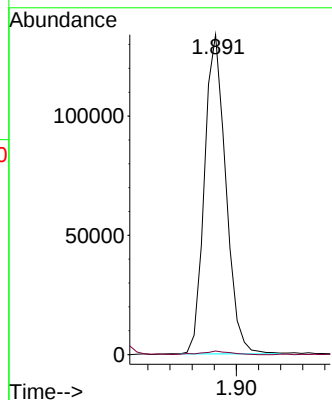
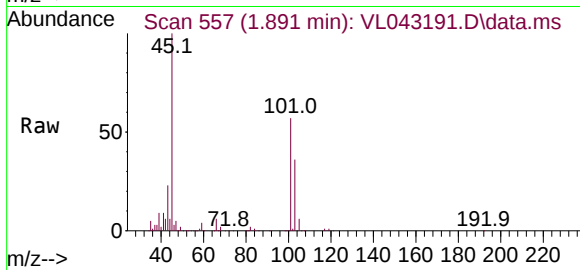
#19
Isopropyl Alcohol
Concen: 7.541 ppbv
RT: 1.891 min Scan# 51
Delta R.T. 0.003 min
Lab File: VL043191.D
Acq: 13 Nov 2025 09:01

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 45 Resp: 8974
Ion Ratio Lower Upper
45 100
58 45.2 31.3 46.9

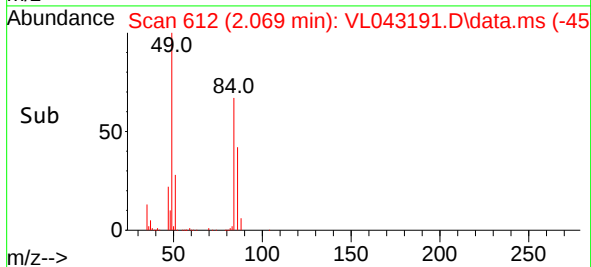
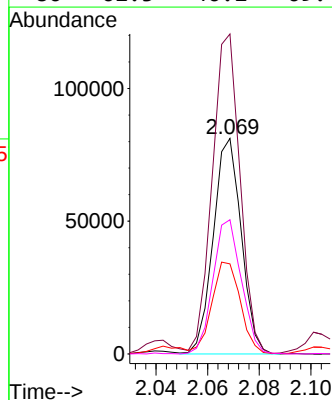
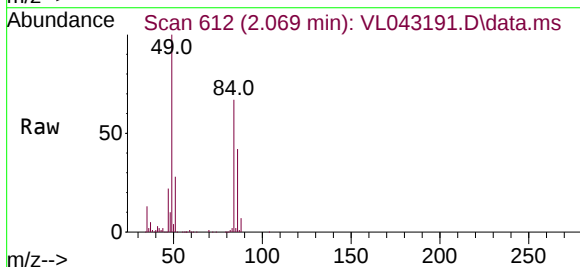
Manual Integrations
APPROVED

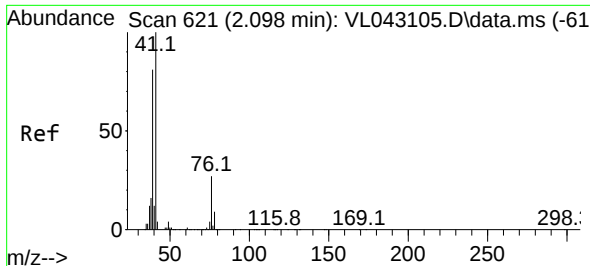
Reviewed By :Semsettin Yesilyurt 11/18/2025
Supervised By :Mahesh Dadoda 11/18/2025



#20
Methylene Chloride
Concen: 8.114 ppbv
RT: 2.069 min Scan# 612
Delta R.T. 0.003 min
Lab File: VL043191.D
Acq: 13 Nov 2025 09:01

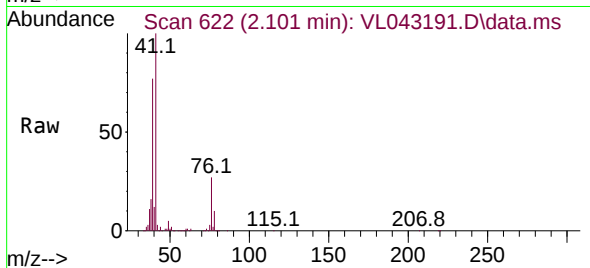
Tgt Ion: 84 Resp: 61280
Ion Ratio Lower Upper
84 100
49 148.2 116.6 175.0
51 41.6 34.8 52.2
86 62.3 46.2 69.4





#21
 Allyl Chloride
 Concen: 8.450 ppbv
 RT: 2.101 min Scan# 61
 Delta R.T. 0.003 min
 Lab File: VL043191.D
 Acq: 13 Nov 2025 09:01

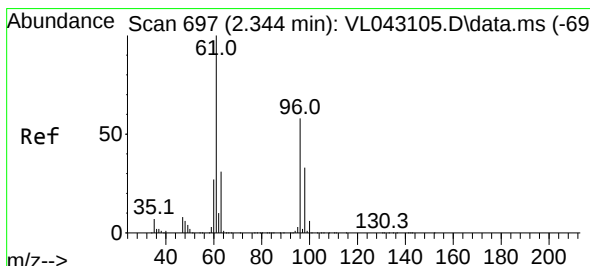
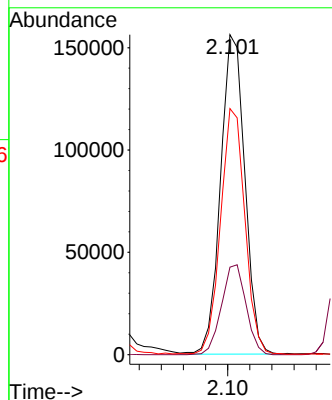
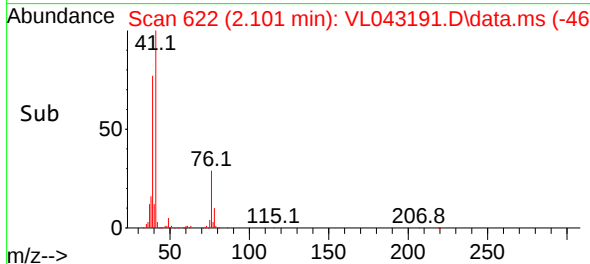
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



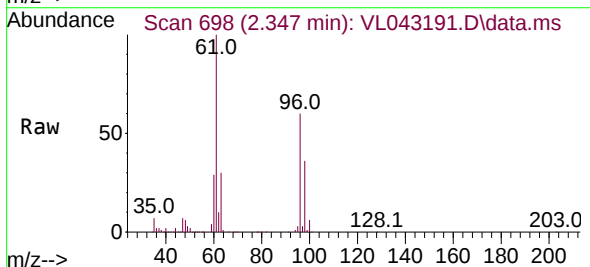
Tgt Ion: 41 Resp: 118968
 Ion Ratio Lower Upper
 41 100
 76 28.4 21.5 32.3
 39 77.2 60.8 91.2

Manual Integrations
 APPROVED

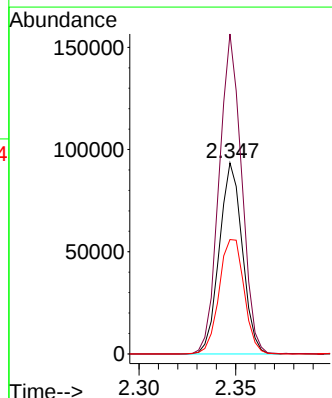
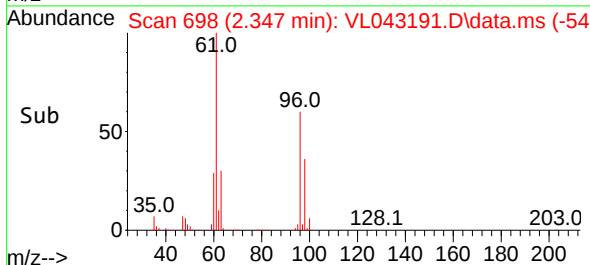
Reviewed By :Semsettin Yesilyurt 11/18/2025
 Supervised By :Mahesh Dadoda 11/18/2025

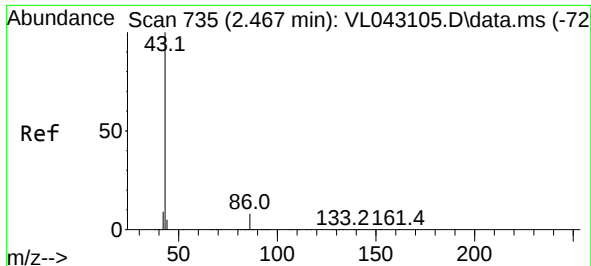


#22
 trans-1,2-Dichloroethene
 Concen: 9.336 ppbv
 RT: 2.347 min Scan# 698
 Delta R.T. 0.003 min
 Lab File: VL043191.D
 Acq: 13 Nov 2025 09:01



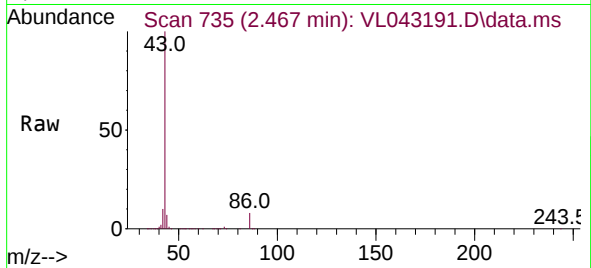
Tgt Ion: 96 Resp: 77213
 Ion Ratio Lower Upper
 96 100
 61 167.6 137.0 205.6
 98 59.8 45.5 68.3





#23
 Vinyl Acetate
 Concen: 10.319 ppbv
 RT: 2.467 min Scan# 735
 Delta R.T. 0.000 min
 Lab File: VL043191.D
 Acq: 13 Nov 2025 09:01

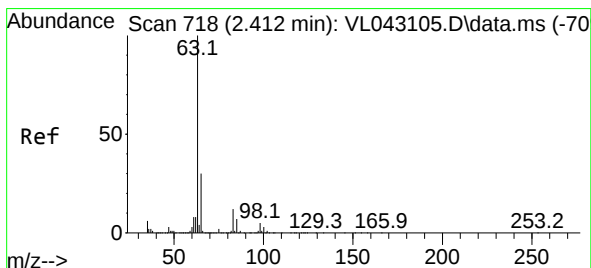
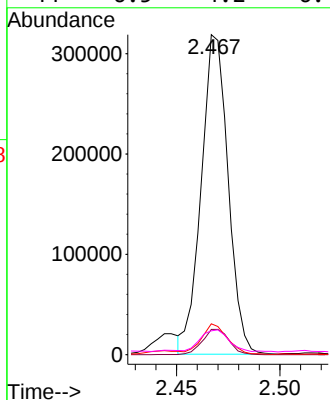
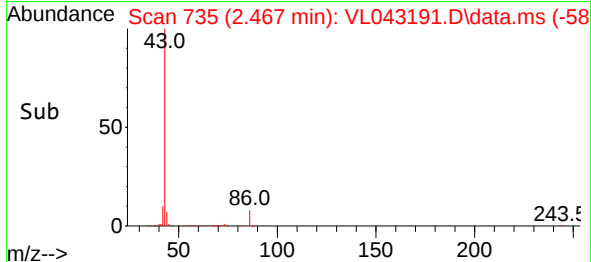
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



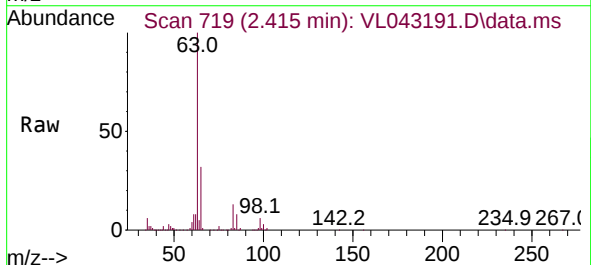
Tgt Ion:	43	Resp:	288816
Ion	Ratio	Lower	Upper
43	100		
86	7.9	6.2	9.2
42	9.5	7.6	11.4
44	6.5	4.2	6.4

Manual Integrations
 APPROVED

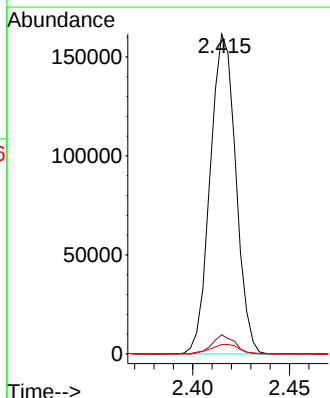
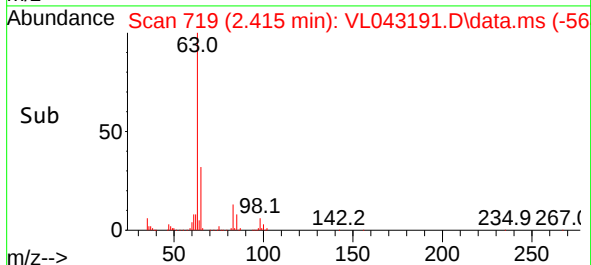
Reviewed By :Semsettin Yesilyurt 11/18/2025
 Supervised By :Mahesh Dadoda 11/18/2025

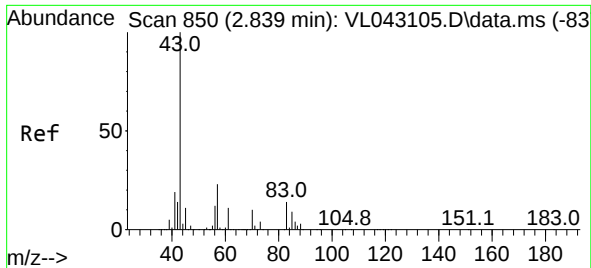


#24
 1,1-Dichloroethane
 Concen: 9.305 ppbv
 RT: 2.415 min Scan# 719
 Delta R.T. 0.003 min
 Lab File: VL043191.D
 Acq: 13 Nov 2025 09:01



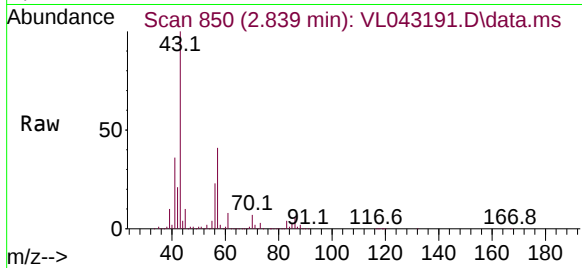
Tgt Ion:	63	Resp:	148680
Ion	Ratio	Lower	Upper
63	100		
98	6.0	2.6	7.8
100	2.9	1.5	4.4





#25
Ethyl Acetate
Concen: 9.682 ppbv
RT: 2.839 min Scan# 849
Delta R.T. 0.000 min
Lab File: VL043191.D
Acq: 13 Nov 2025 09:01

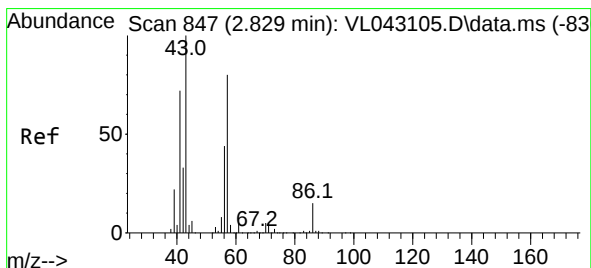
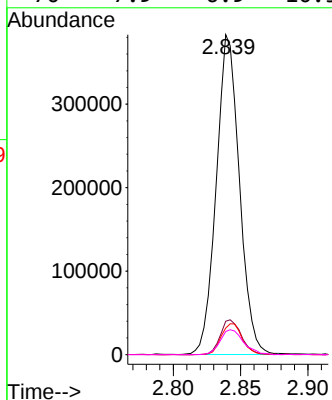
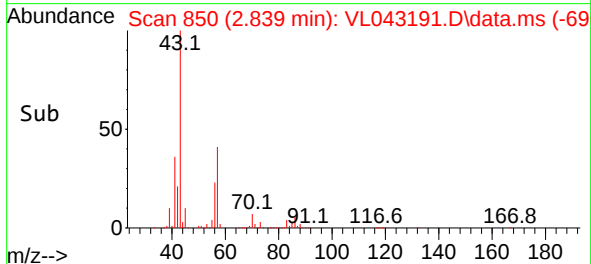
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 43 Resp: 458776
Ion Ratio Lower Upper
43 100
45 10.0 7.8 11.8
61 8.9 7.0 10.6
70 7.9 6.9 10.3

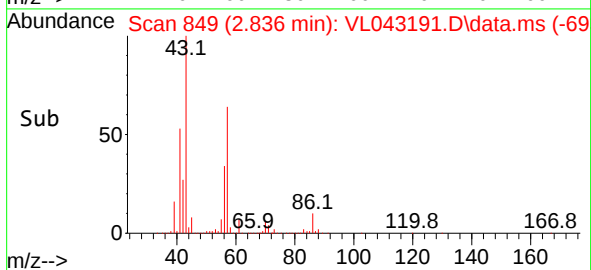
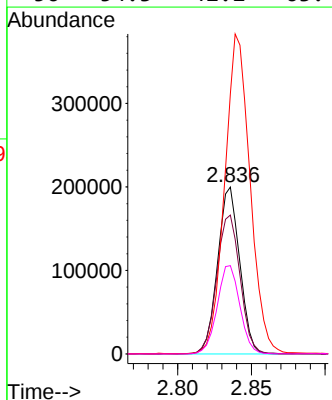
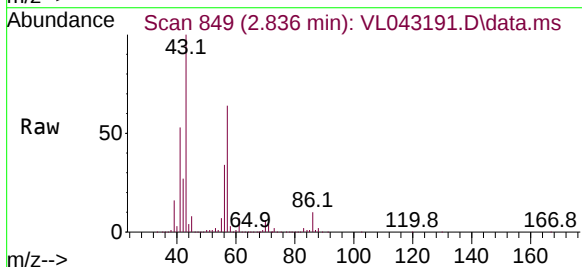
Manual Integrations
APPROVED

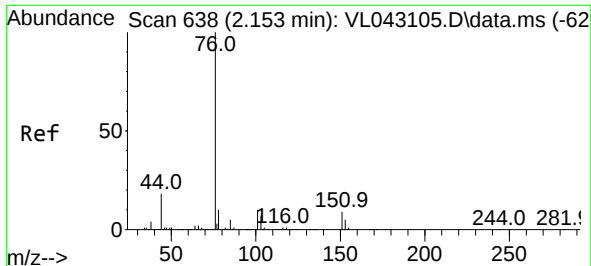
Reviewed By :Semsettin Yesilyurt 11/18/2025
Supervised By :Mahesh Dadoda 11/18/2025



#26
Hexane
Concen: 9.534 ppbv
RT: 2.836 min Scan# 849
Delta R.T. 0.006 min
Lab File: VL043191.D
Acq: 13 Nov 2025 09:01

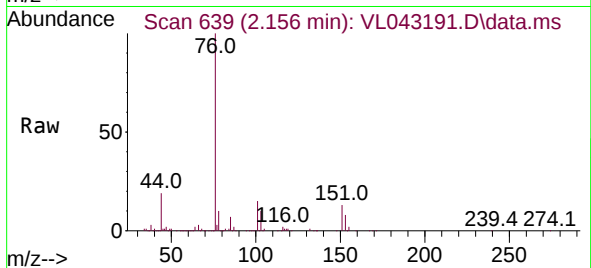
Tgt Ion: 57 Resp: 208153
Ion Ratio Lower Upper
57 100
41 88.5 71.4 107.0
43 221.3 178.5 267.7
56 54.3 42.2 63.4





#27
Carbon Disulfide
Concen: 9.620 ppbv
RT: 2.156 min Scan# 638
Delta R.T. 0.003 min
Lab File: VL043191.D
Acq: 13 Nov 2025 09:01

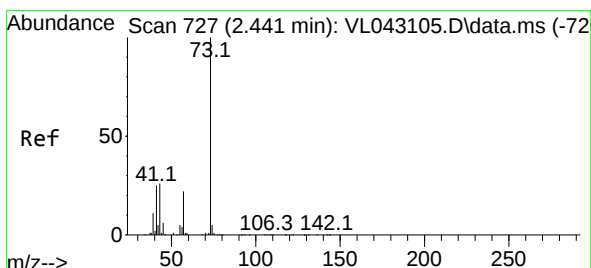
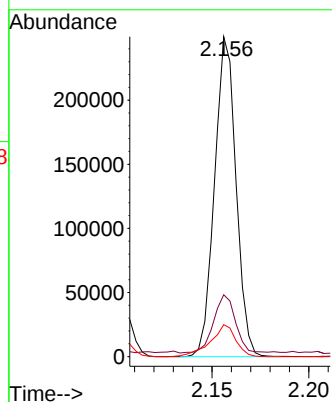
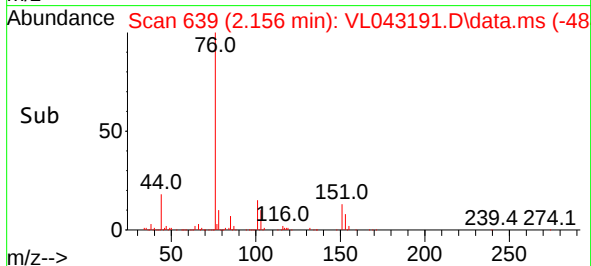
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 76 Resp: 192431
Ion Ratio Lower Upper
76 100
44 20.7 16.7 25.1
78 11.7 9.3 13.9

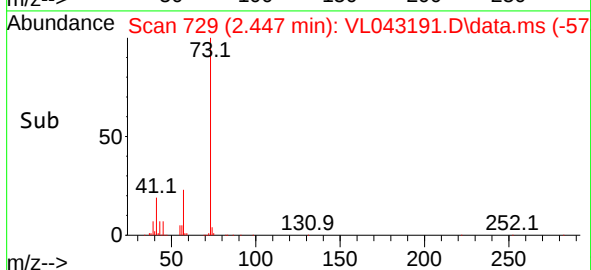
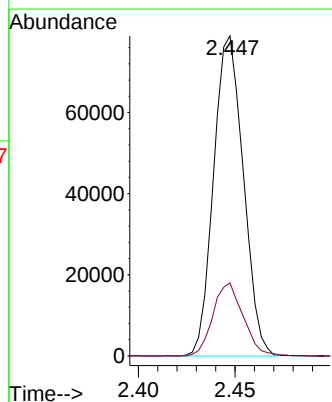
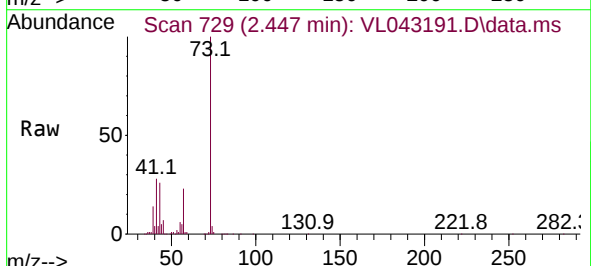
Manual Integrations
APPROVED

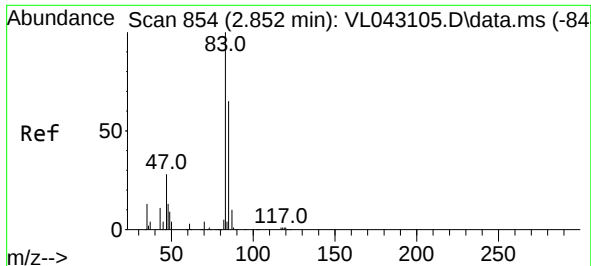
Reviewed By :Semsettin Yesilyurt 11/18/2025
Supervised By :Mahesh Dadoda 11/18/2025



#28
Methyl tert-Butyl Ether
Concen: 8.484 ppbv
RT: 2.447 min Scan# 729
Delta R.T. 0.006 min
Lab File: VL043191.D
Acq: 13 Nov 2025 09:01

Tgt Ion: 73 Resp: 84272
Ion Ratio Lower Upper
73 100
57 23.2 20.5 30.7





#29

Chloroform

Concen: 9.723 ppbv

RT: 2.855 min Scan# 854

Delta R.T. 0.003 min

Lab File: VL043191.D

Acq: 13 Nov 2025 09:01

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 83 Resp: 307588

Ion Ratio Lower Upper

83 100

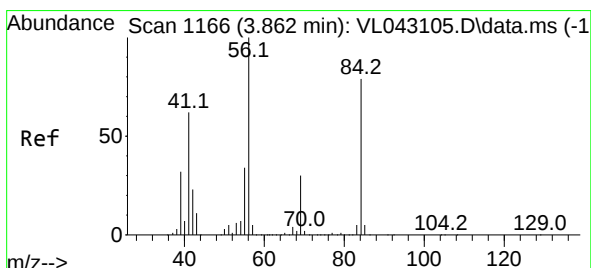
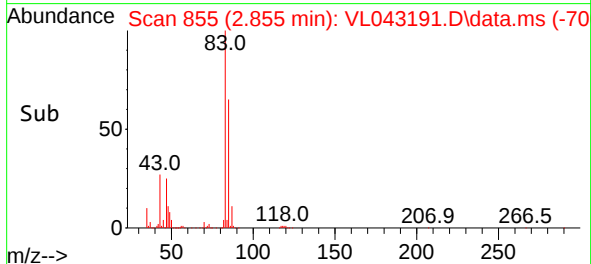
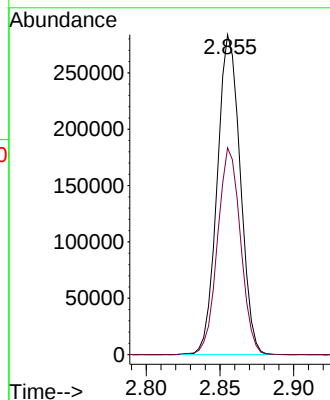
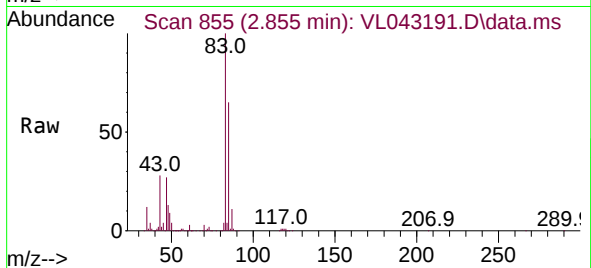
85 64.6 51.8 77.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/18/2025

Supervised By :Mahesh Dadoda 11/18/2025



#30

Cyclohexane

Concen: 8.490 ppbv

RT: 3.868 min Scan# 1168

Delta R.T. 0.006 min

Lab File: VL043191.D

Acq: 13 Nov 2025 09:01

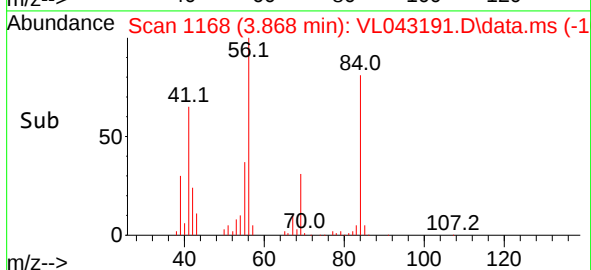
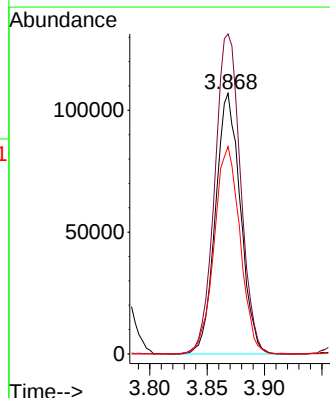
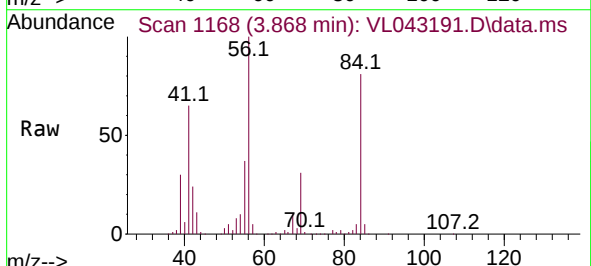
Tgt Ion: 84 Resp: 161792

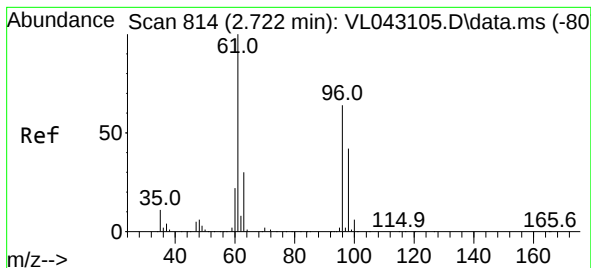
Ion Ratio Lower Upper

84 100

56 126.8 100.9 151.3

41 82.5 63.8 95.6





#31

cis-1,2-Dichloroethene

Concen: 9.244 ppbv

RT: 2.729 min Scan# 814

Delta R.T. 0.006 min

Lab File: VL043191.D

Acq: 13 Nov 2025 09:01

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 61 Resp: 192730

Ion Ratio Lower Upper

61 100

96 64.0 51.0 76.6

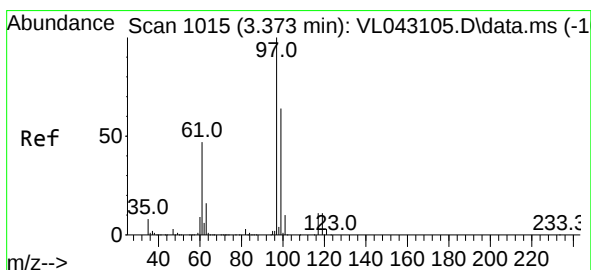
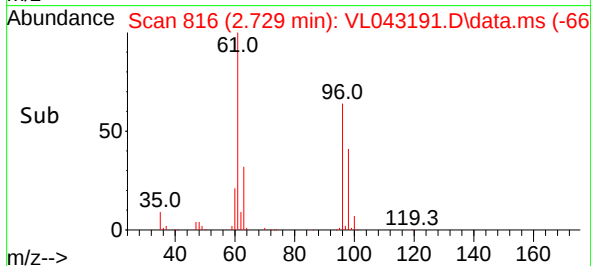
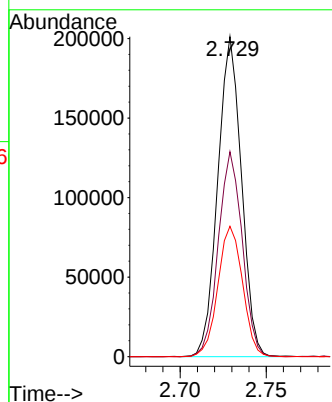
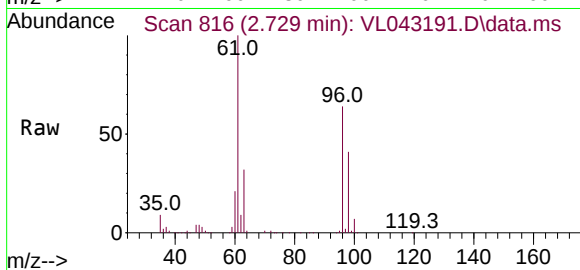
98 40.7 33.5 50.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/18/2025

Supervised By :Mahesh Dadoda 11/18/2025



#32

1,1,1-Trichloroethane

Concen: 8.887 ppbv

RT: 3.376 min Scan# 1016

Delta R.T. 0.003 min

Lab File: VL043191.D

Acq: 13 Nov 2025 09:01

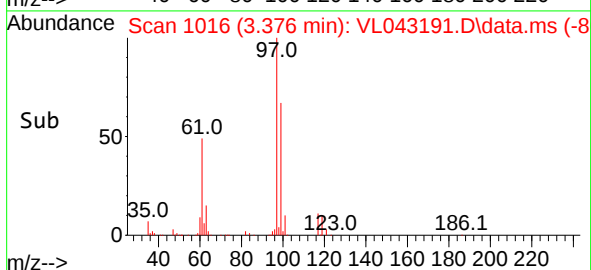
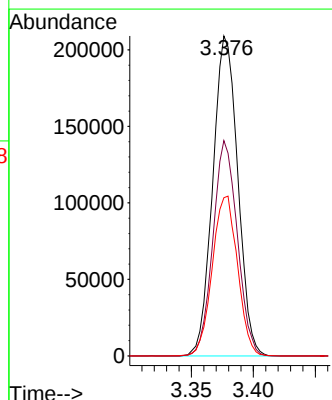
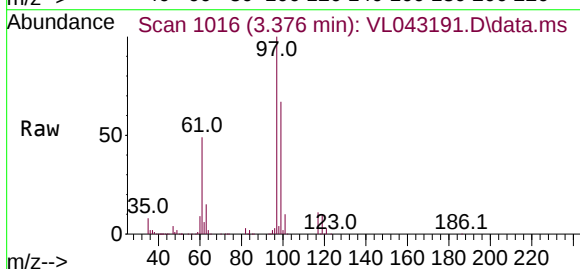
Tgt Ion: 97 Resp: 292767

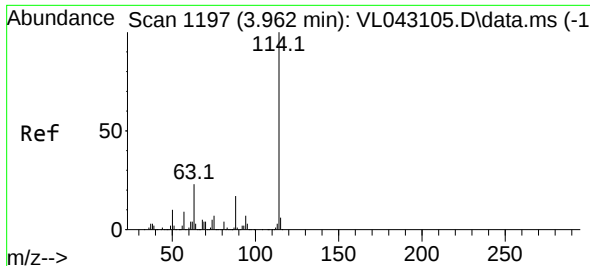
Ion Ratio Lower Upper

97 100

99 65.4 51.3 76.9

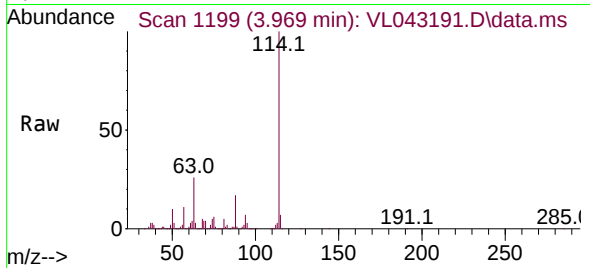
61 50.5 38.4 57.6





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.969 min Scan# 1199
Delta R.T. 0.006 min
Lab File: VL043191.D
Acq: 13 Nov 2025 09:01

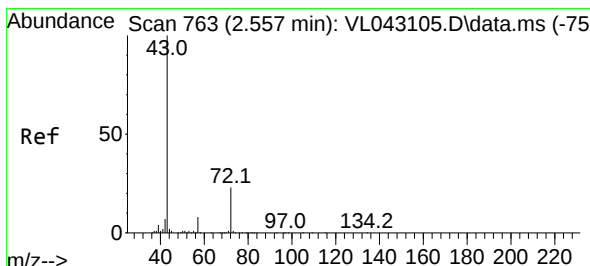
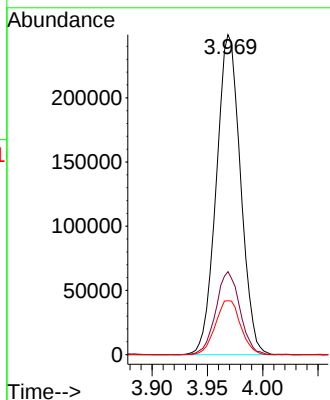
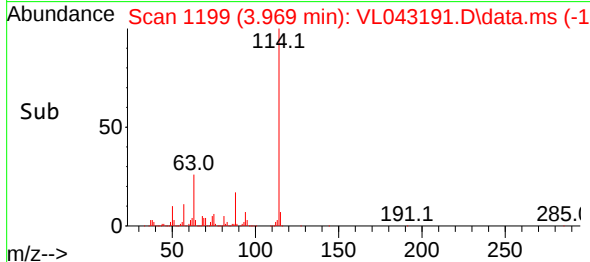
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:114 Resp: 379323
Ion Ratio Lower Upper
114 100
63 25.8 19.3 28.9
88 17.6 13.9 20.9

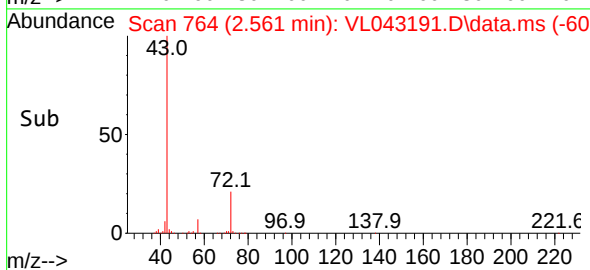
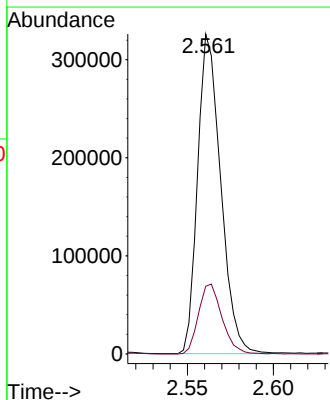
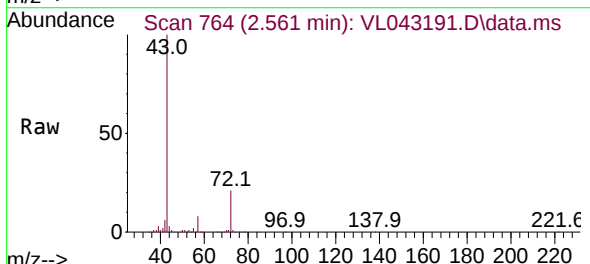
Manual Integrations
APPROVED

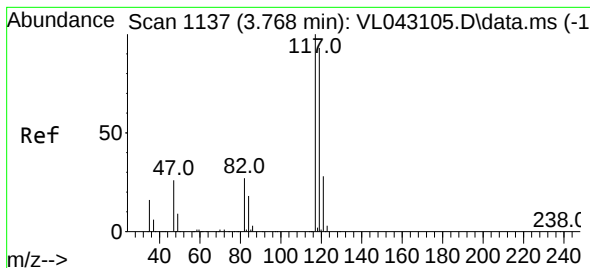
Reviewed By :Semsettin Yesilyurt 11/18/2025
Supervised By :Mahesh Dadoda 11/18/2025



#34
2-Butanone
Concen: 11.940 ppbv
RT: 2.561 min Scan# 764
Delta R.T. 0.003 min
Lab File: VL043191.D
Acq: 13 Nov 2025 09:01

Tgt Ion: 43 Resp: 304449
Ion Ratio Lower Upper
43 100
72 22.2 18.4 27.6





#35

Carbon Tetrachloride

Concen: 11.078 ppbv

RT: 3.774 min Scan# 1139

Delta R.T. 0.006 min

Lab File: VL043191.D

Acq: 13 Nov 2025 09:01

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 117 Resp: 302120

Ion Ratio Lower Upper

117 100

119 97.4 74.1 111.1

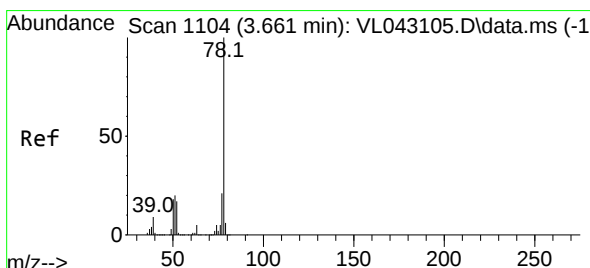
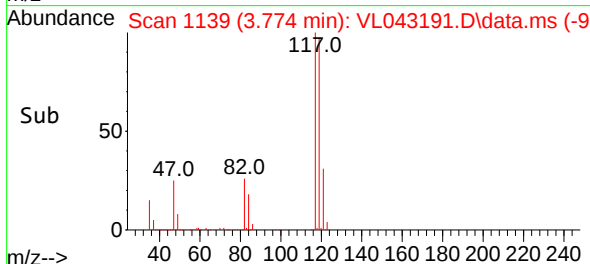
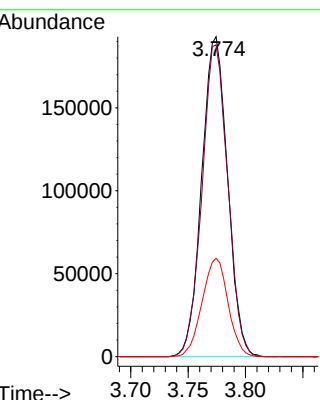
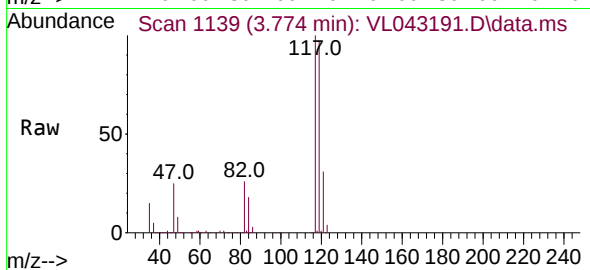
121 30.7 22.2 33.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/18/2025

Supervised By :Mahesh Dadoda 11/18/2025



#36

Benzene

Concen: 11.039 ppbv

RT: 3.668 min Scan# 1106

Delta R.T. 0.006 min

Lab File: VL043191.D

Acq: 13 Nov 2025 09:01

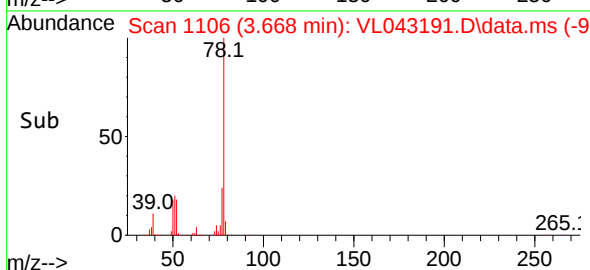
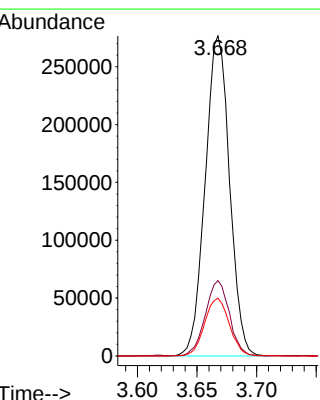
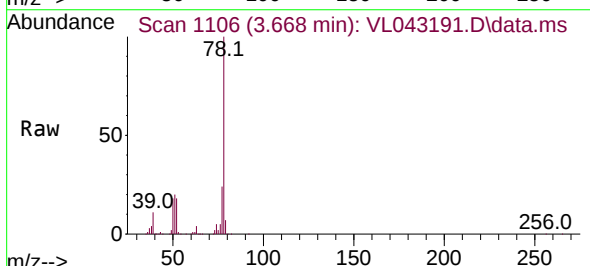
Tgt Ion: 78 Resp: 394397

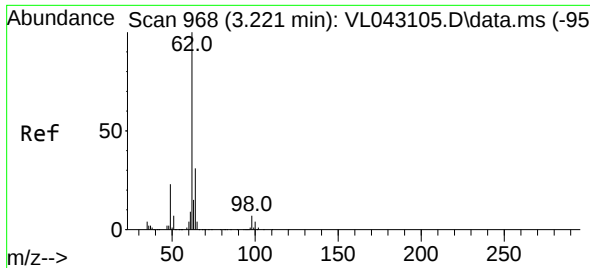
Ion Ratio Lower Upper

78 100

77 23.5 17.0 25.6

50 18.0 14.6 22.0





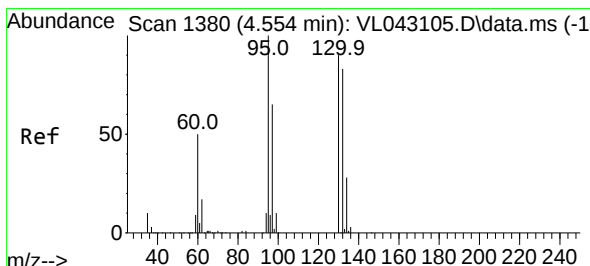
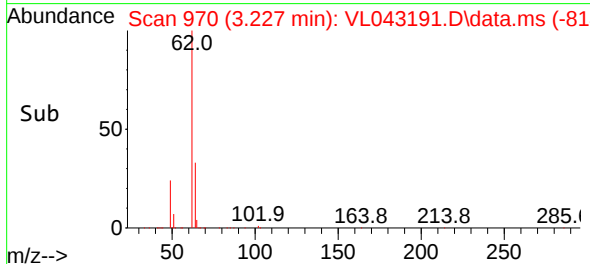
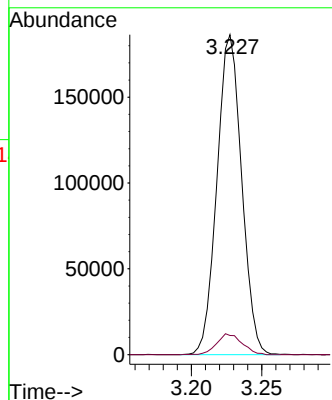
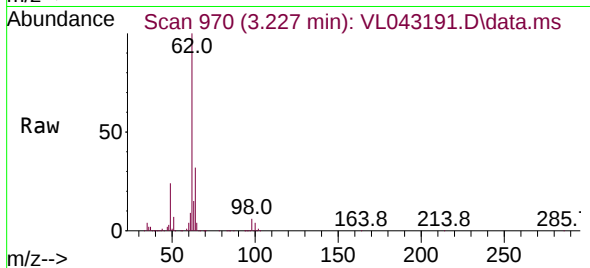
#37
1,2-Dichloroethane
Concen: 11.049 ppbv
RT: 3.227 min Scan# 91
Delta R.T. 0.006 min
Lab File: VL043191.D
Acq: 13 Nov 2025 09:01

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 62 Resp: 227409
Ion Ratio Lower Upper
62 100
98 6.7 5.8 8.6

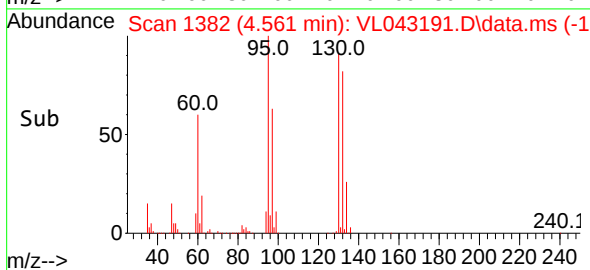
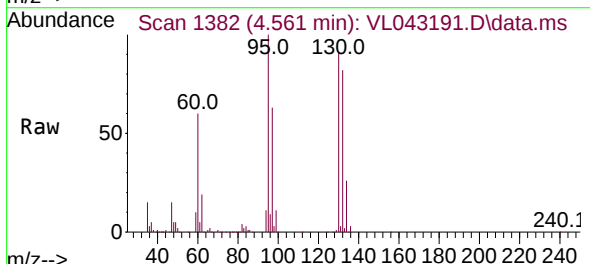
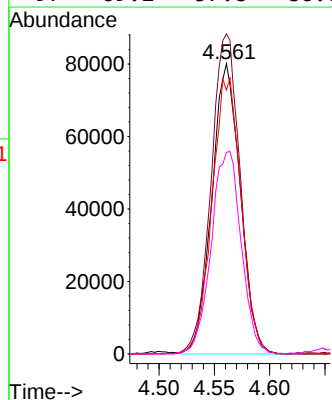
Manual Integrations
APPROVED

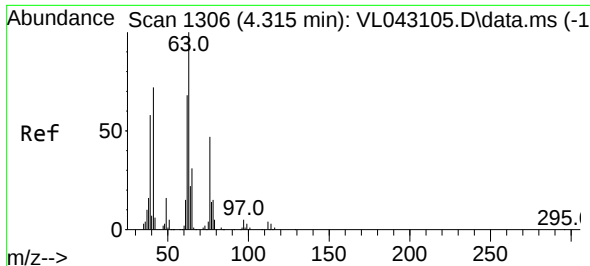
Reviewed By :Semsettin Yesilyurt 11/18/2025
Supervised By :Mahesh Dadoda 11/18/2025



#38
Trichloroethene
Concen: 9.599 ppbv
RT: 4.561 min Scan# 1382
Delta R.T. 0.006 min
Lab File: VL043191.D
Acq: 13 Nov 2025 09:01

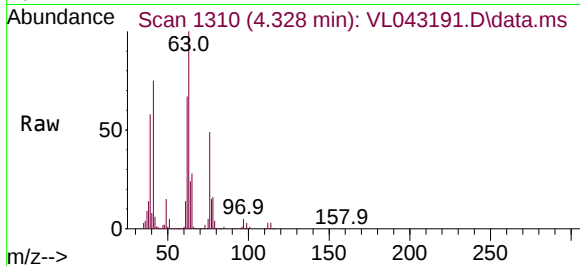
Tgt Ion:130 Resp: 143231
Ion Ratio Lower Upper
130 100
95 110.2 88.6 133.0
132 90.8 73.4 110.0
97 69.2 57.8 86.6





#39
 1,2-Dichloropropane
 Concen: 11.310 ppbv
 RT: 4.328 min Scan# 1306
 Delta R.T. 0.013 min
 Lab File: VL043191.D
 Acq: 13 Nov 2025 09:01

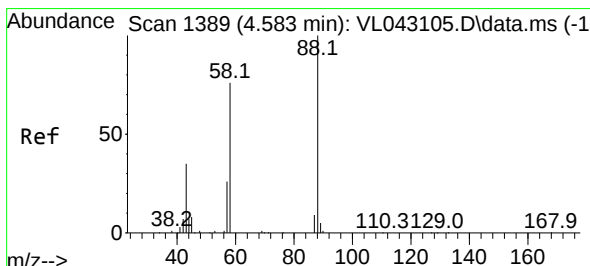
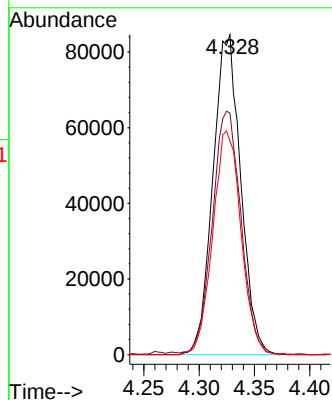
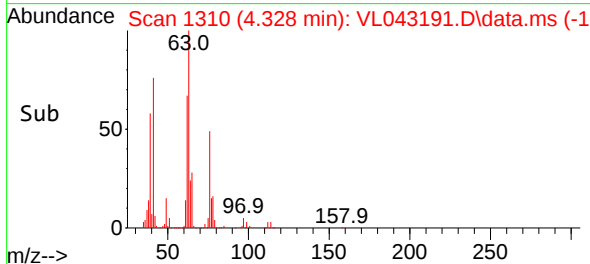
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion: 63 Resp: 147718
 Ion Ratio Lower Upper
 63 100
 41 75.2 58.0 87.0
 62 66.7 54.7 82.1

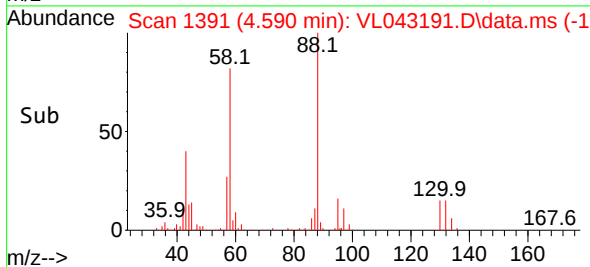
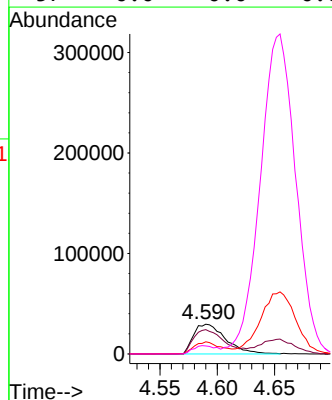
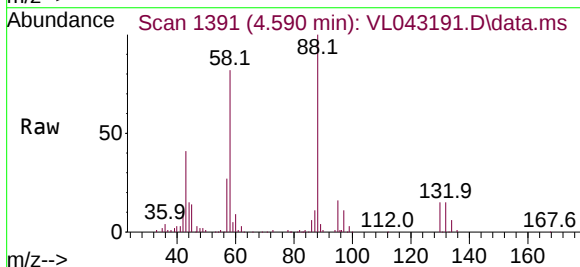
Manual Integrations
 APPROVED

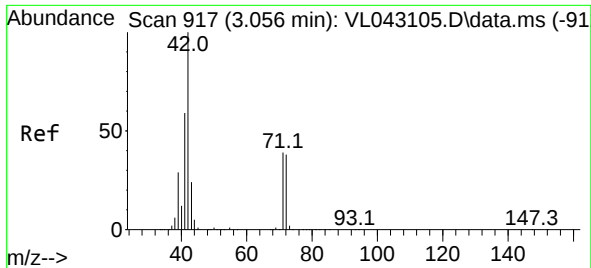
Reviewed By :Semsettin Yesilyurt 11/18/2025
 Supervised By :Mahesh Dadoda 11/18/2025



#40
 1,4-Dioxane
 Concen: 9.811 ppbv
 RT: 4.590 min Scan# 1391
 Delta R.T. 0.006 min
 Lab File: VL043191.D
 Acq: 13 Nov 2025 09:01

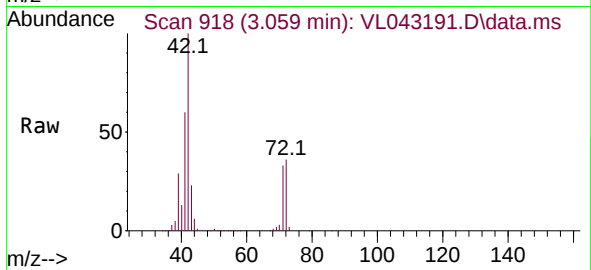
Tgt Ion: 88 Resp: 57344
 Ion Ratio Lower Upper
 88 100
 58 79.2 61.1 91.7
 43 35.7 24.0 36.0
 57 0.0 0.0 0.0





#41
Tetrahydrofuran
Concen: 10.704 ppbv
RT: 3.059 min Scan# 917
Delta R.T. 0.003 min
Lab File: VL043191.D
Acq: 13 Nov 2025 09:01

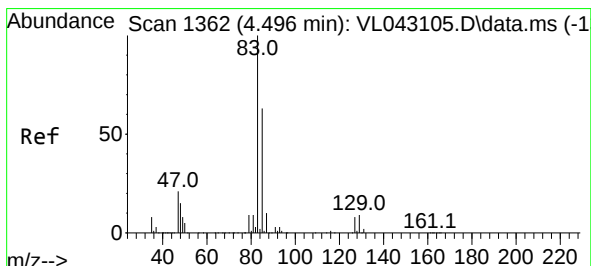
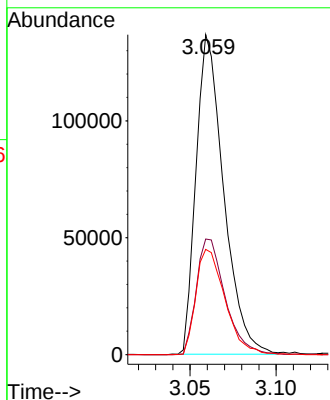
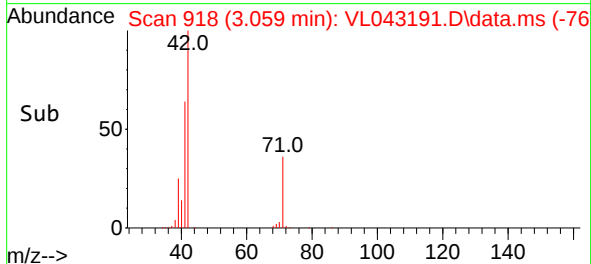
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 42 Resp: 152660
Ion Ratio Lower Upper
42 100
72 37.8 31.3 46.9
71 34.7 30.4 45.6

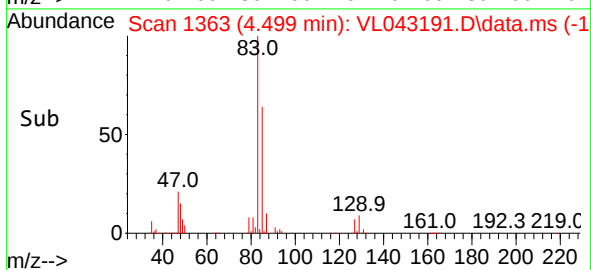
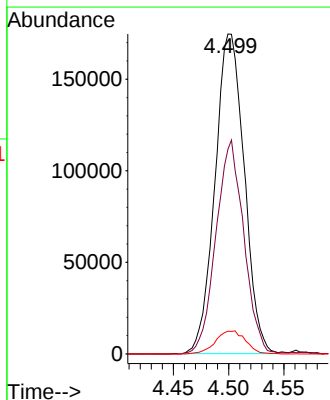
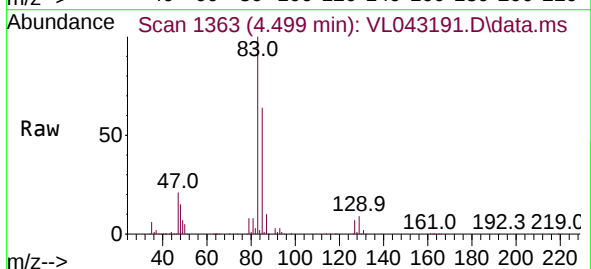
Manual Integrations
APPROVED

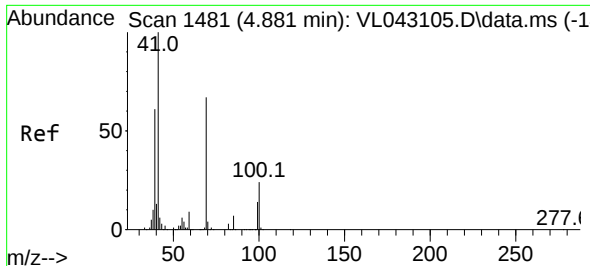
Reviewed By :Semsettin Yesilyurt 11/18/2025
Supervised By :Mahesh Dadoda 11/18/2025



#42
Bromodichloromethane
Concen: 11.299 ppbv
RT: 4.499 min Scan# 1363
Delta R.T. 0.003 min
Lab File: VL043191.D
Acq: 13 Nov 2025 09:01

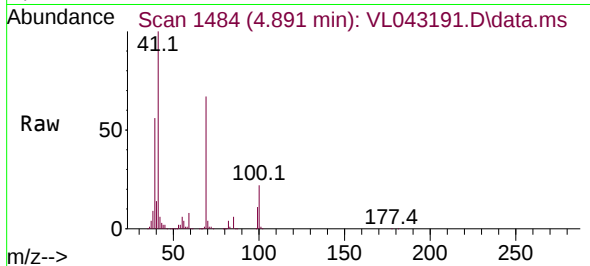
Tgt Ion: 83 Resp: 321852
Ion Ratio Lower Upper
83 100
85 64.1 50.6 75.8
127 7.1 6.3 9.5





#43
Methyl Methacrylate
Concen: 10.193 ppbv
RT: 4.891 min Scan# 1481
Delta R.T. 0.010 min
Lab File: VL043191.D
Acq: 13 Nov 2025 09:01

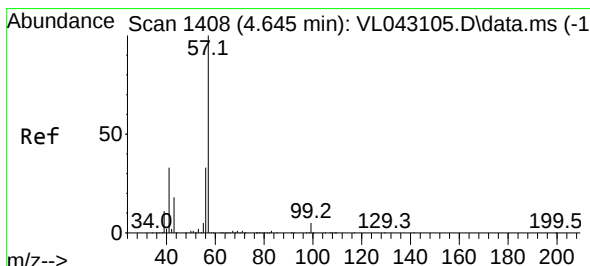
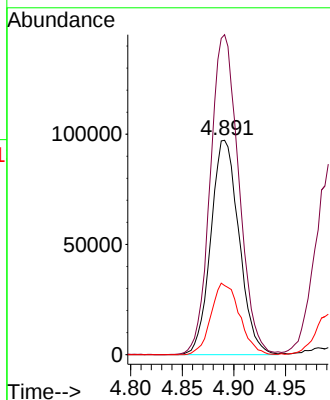
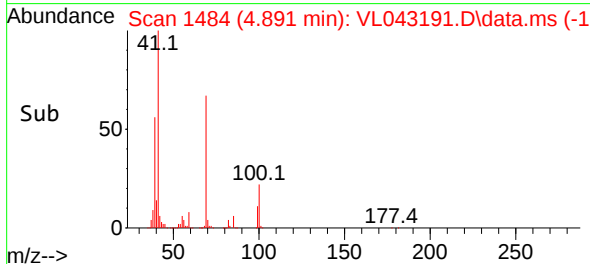
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



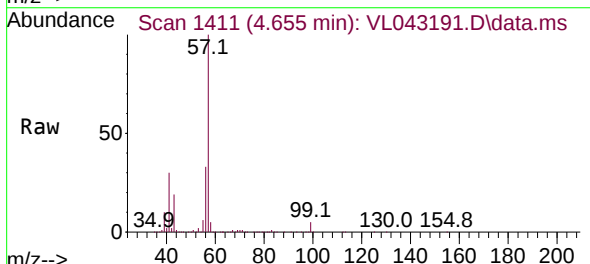
Tgt Ion: 69 Resp: 184954
Ion Ratio Lower Upper
69 100
41 150.9 120.5 180.7
100 33.7 29.0 43.4

Manual Integrations
APPROVED

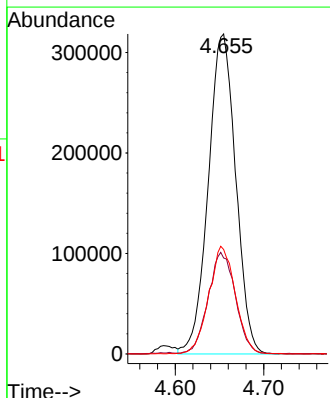
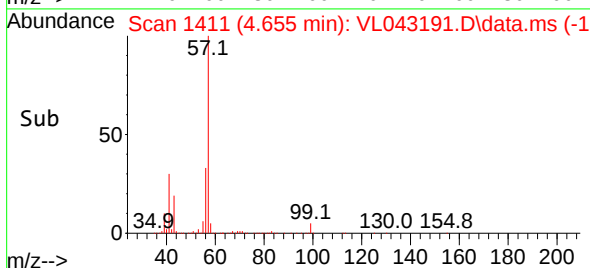
Reviewed By :Semsettin Yesilyurt 11/18/2025
Supervised By :Mahesh Dadoda 11/18/2025

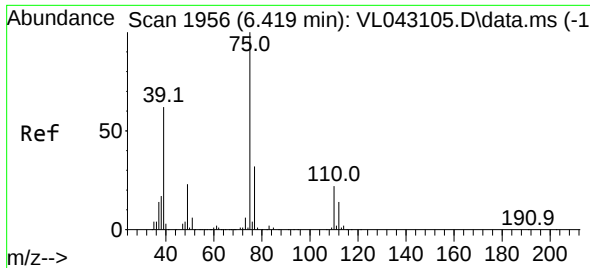


#44
2,2,4-Trimethylpentane
Concen: 11.376 ppbv
RT: 4.655 min Scan# 1411
Delta R.T. 0.010 min
Lab File: VL043191.D
Acq: 13 Nov 2025 09:01



Tgt Ion: 57 Resp: 685708
Ion Ratio Lower Upper
57 100
41 32.1 26.3 39.5
56 32.6 25.9 38.9





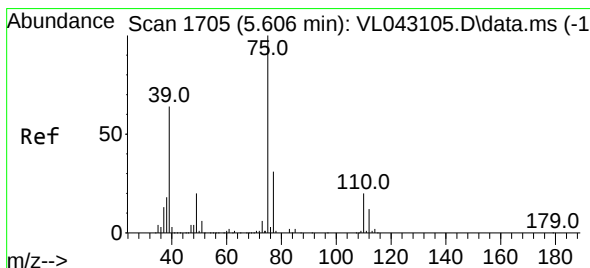
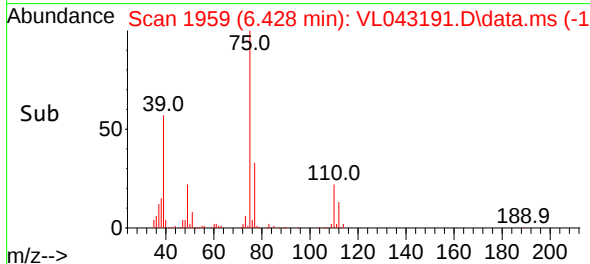
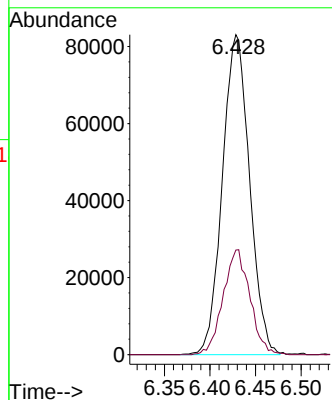
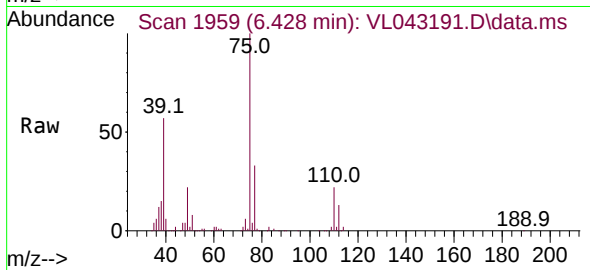
#45
 t-1,3-Dichloropropene
 Concen: 9.458 ppbv
 RT: 6.428 min Scan# 1956
 Delta R.T. 0.010 min
 Lab File: VL043191.D
 Acq: 13 Nov 2025 09:01

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 75 Resp: 17223
 Ion Ratio Lower Upper
 75 100
 77 32.7 25.4 38.2

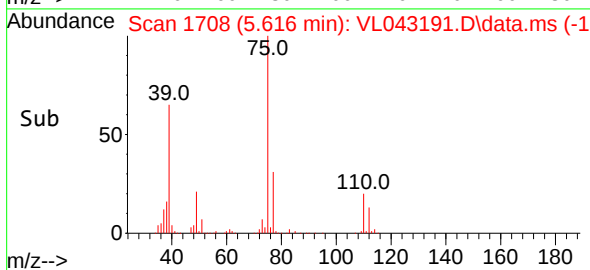
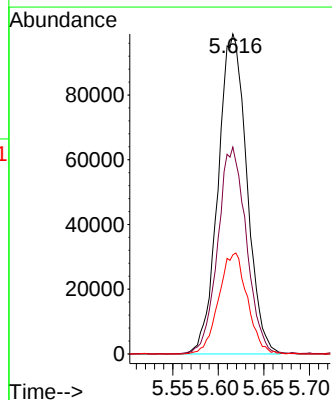
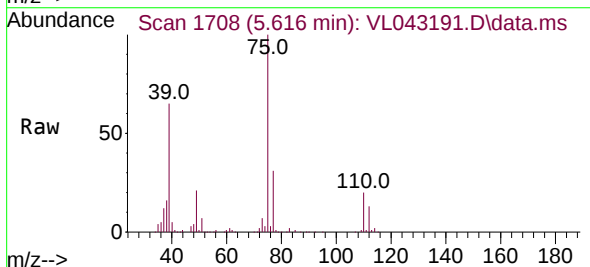
Manual Integrations
 APPROVED

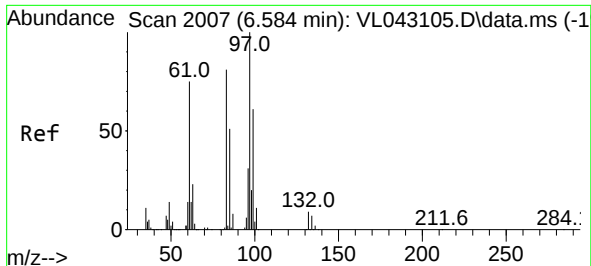
Reviewed By :Semsettin Yesilyurt 11/18/2025
 Supervised By :Mahesh Dadoda 11/18/2025



#46
 cis-1,3-Dichloropropene
 Concen: 9.947 ppbv
 RT: 5.616 min Scan# 1708
 Delta R.T. 0.010 min
 Lab File: VL043191.D
 Acq: 13 Nov 2025 09:01

Tgt Ion: 75 Resp: 216380
 Ion Ratio Lower Upper
 75 100
 39 64.6 51.0 76.6
 77 31.0 25.0 37.4





#47

1,1,2-Trichloroethane

Concen: 10.924 ppbv

RT: 6.590 min Scan# 2007

Delta R.T. 0.006 min

Lab File: VL043191.D

Acq: 13 Nov 2025 09:01

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 97 Resp: 15407

Ion Ratio Lower Upper

97 100

83 83.2 64.6 96.8

85 54.7 40.6 60.8

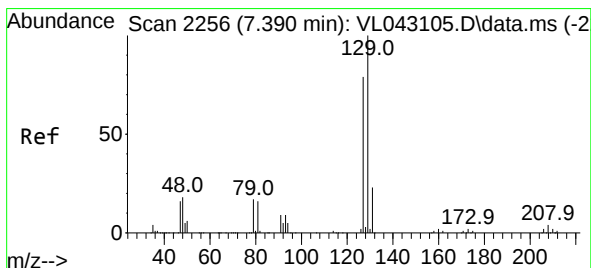
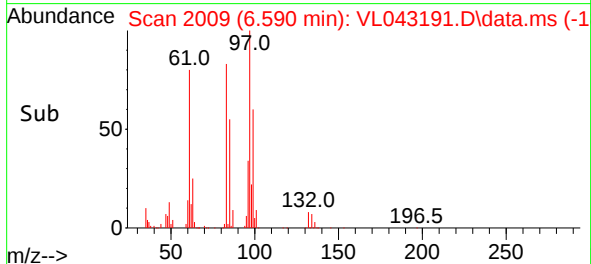
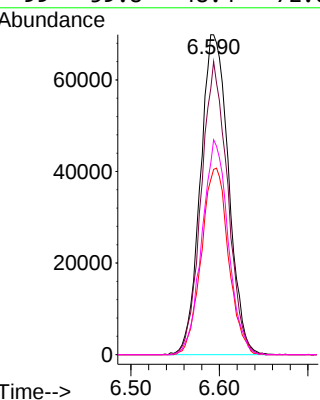
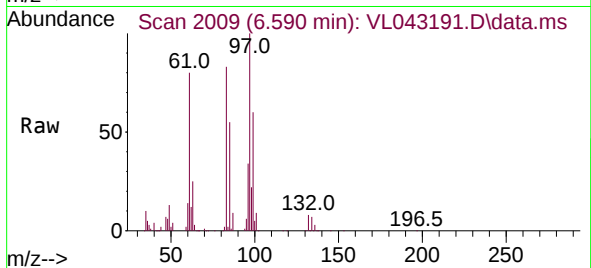
99 59.8 48.4 72.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/18/2025

Supervised By :Mahesh Dadoda 11/18/2025



#48

Dibromochloromethane

Concen: 10.729 ppbv

RT: 7.396 min Scan# 2258

Delta R.T. 0.006 min

Lab File: VL043191.D

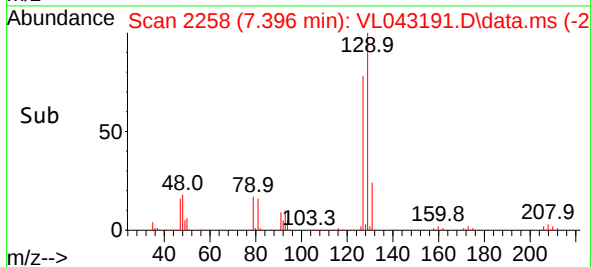
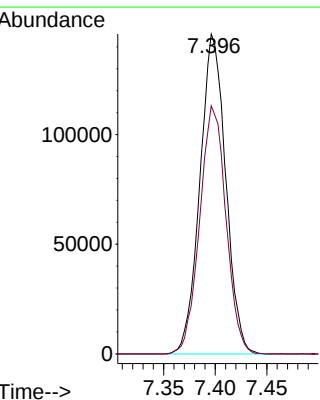
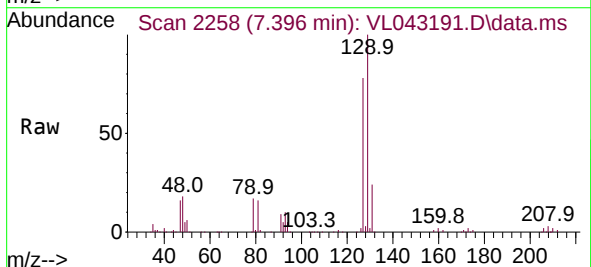
Acq: 13 Nov 2025 09:01

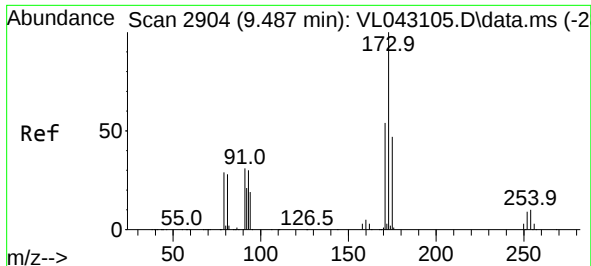
Tgt Ion:129 Resp: 253004

Ion Ratio Lower Upper

129 100

127 78.8 39.3 117.9





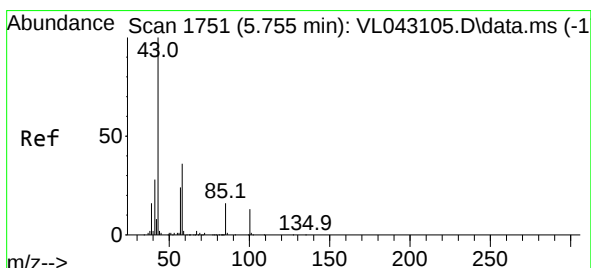
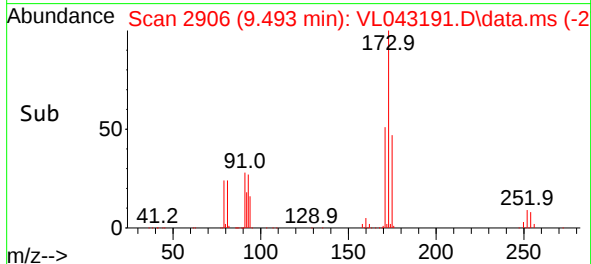
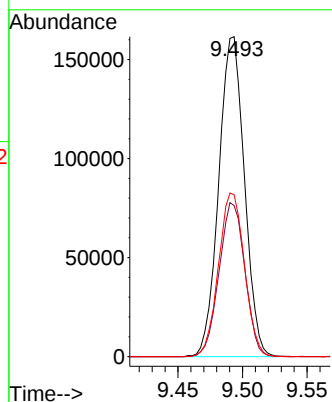
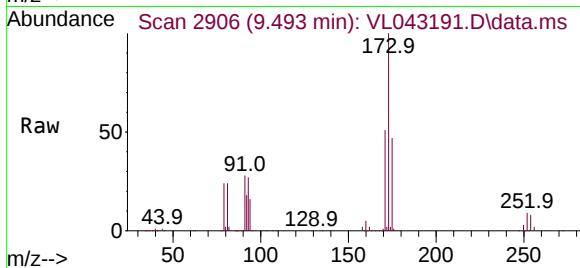
#49
Bromoform
Concen: 11.657 ppbv
RT: 9.493 min Scan# 2904
Delta R.T. 0.006 min
Lab File: VL043191.D
Acq: 13 Nov 2025 09:01

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:173 Resp: 22345
Ion Ratio Lower Upper
173 100
175 48.3 38.8 58.2
171 51.7 41.7 62.5

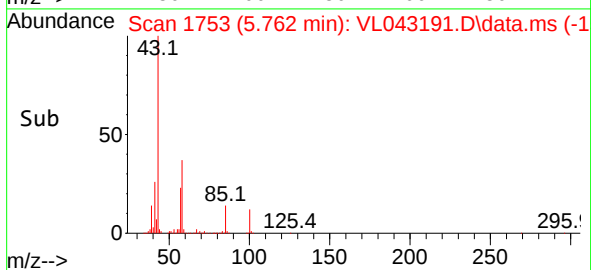
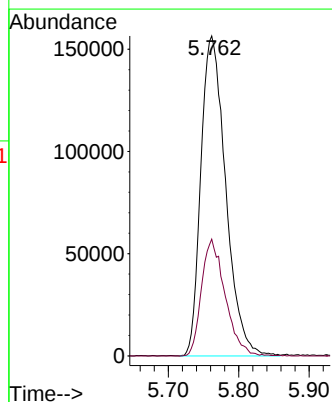
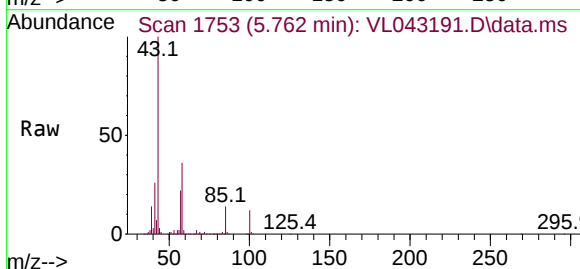
Manual Integrations
APPROVED

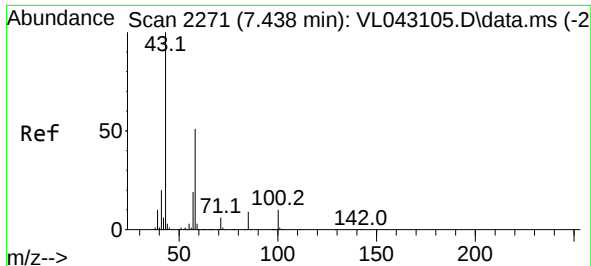
Reviewed By :Semsettin Yesilyurt 11/18/2025
Supervised By :Mahesh Dadoda 11/18/2025



#50
4-Methyl-2-Pentanone
Concen: 10.896 ppbv
RT: 5.762 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VL043191.D
Acq: 13 Nov 2025 09:01

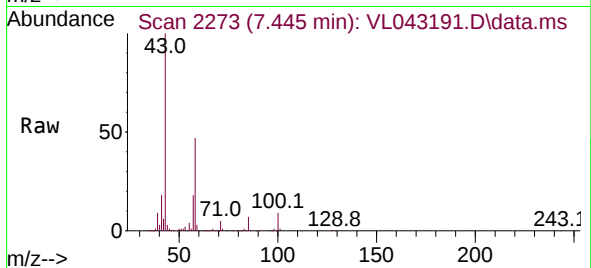
Tgt Ion: 43 Resp: 383415
Ion Ratio Lower Upper
43 100
58 34.7 29.1 43.7





#51
2-Hexanone
Concen: 10.990 ppbv
RT: 7.445 min Scan# 21
Delta R.T. 0.006 min
Lab File: VL043191.D
Acq: 13 Nov 2025 09:01

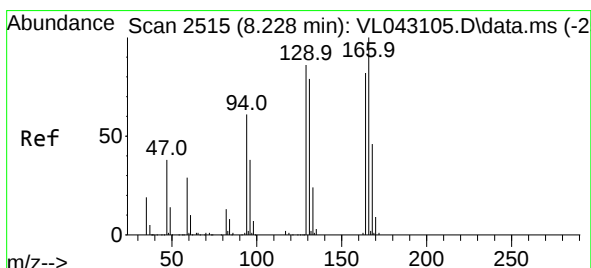
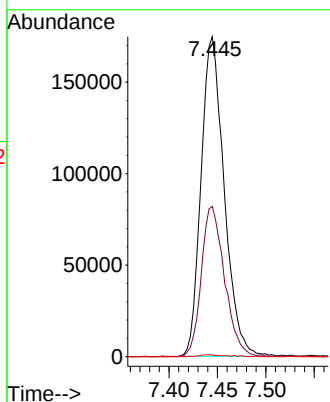
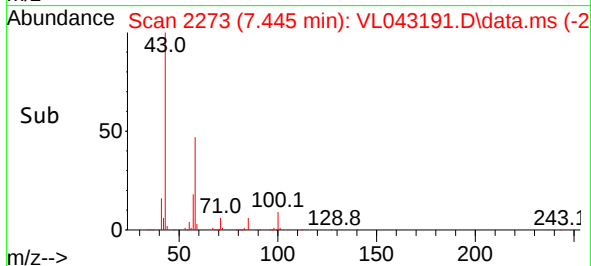
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 43 Resp: 290059
Ion Ratio Lower Upper
43 100
58 47.3 40.4 60.6
98 0.7 0.1 0.1

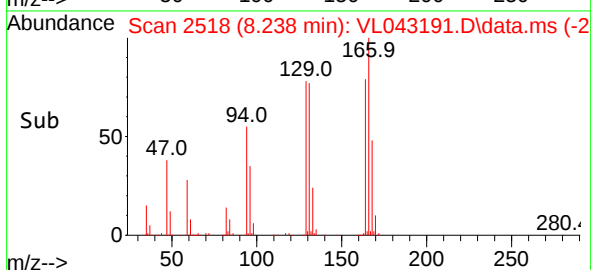
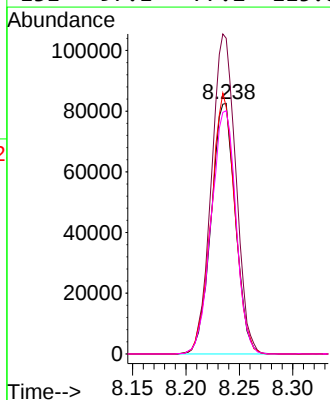
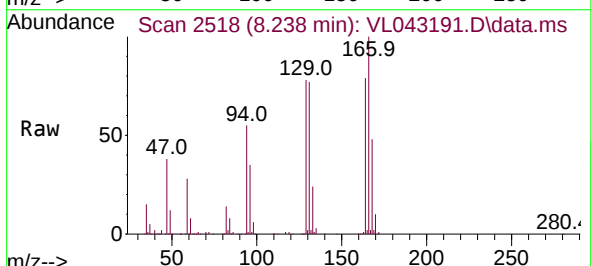
Manual Integrations
APPROVED

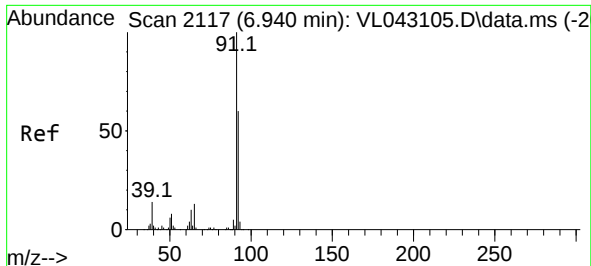
Reviewed By :Semsettin Yesilyurt 11/18/2025
Supervised By :Mahesh Dadoda 11/18/2025



#52
Tetrachloroethene
Concen: 10.058 ppbv
RT: 8.238 min Scan# 2518
Delta R.T. 0.010 min
Lab File: VL043191.D
Acq: 13 Nov 2025 09:01

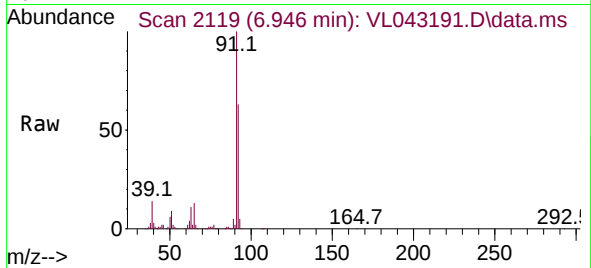
Tgt Ion:164 Resp: 129582
Ion Ratio Lower Upper
164 100
166 126.0 97.6 146.4
129 98.5 84.5 126.7
131 97.1 77.2 115.8





#53
Toluene
Concen: 9.842 ppbv
RT: 6.946 min Scan# 2117
Delta R.T. 0.006 min
Lab File: VL043191.D
Acq: 13 Nov 2025 09:01

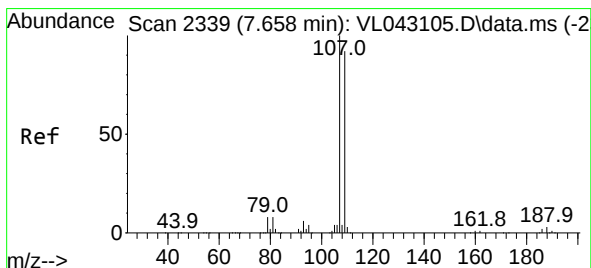
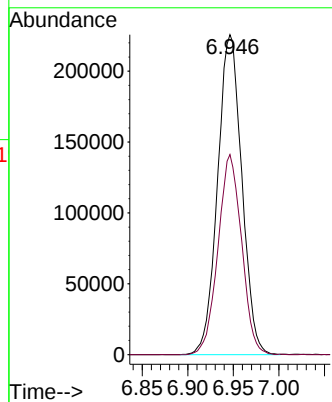
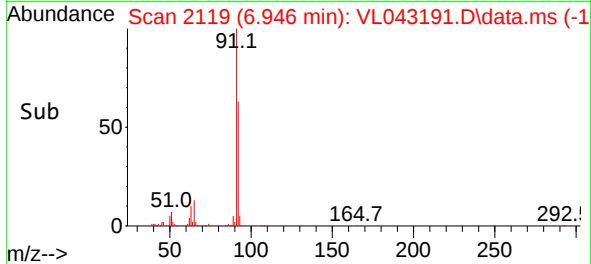
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



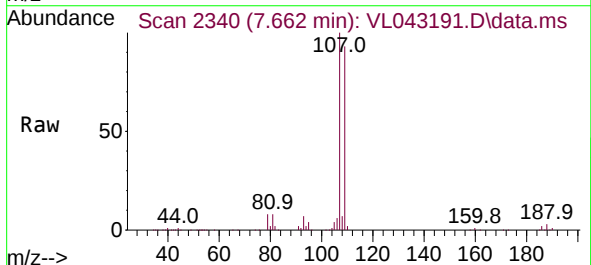
Tgt Ion: 91 Resp: 41733
Ion Ratio Lower Upper
91 100
92 60.9 48.8 73.2

Manual Integrations
APPROVED

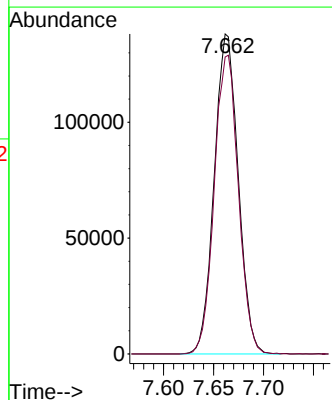
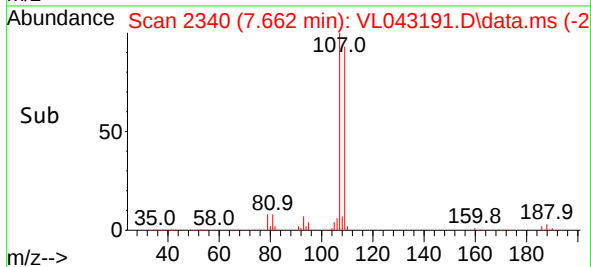
Reviewed By :Semsettin Yesilyurt 11/18/2025
Supervised By :Mahesh Dadoda 11/18/2025

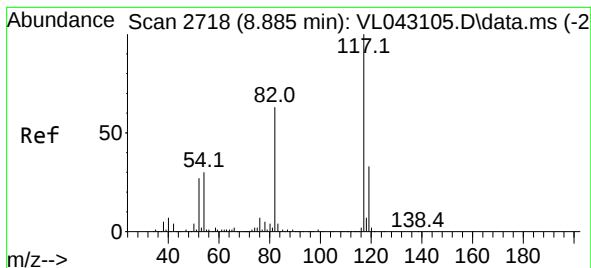


#54
1,2-Dibromoethane
Concen: 10.434 ppbv
RT: 7.662 min Scan# 2340
Delta R.T. 0.003 min
Lab File: VL043191.D
Acq: 13 Nov 2025 09:01



Tgt Ion:107 Resp: 230500
Ion Ratio Lower Upper
107 100
109 92.8 73.4 110.2





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.891 min Scan# 2718

Delta R.T. 0.006 min

Lab File: VL043191.D

Acq: 13 Nov 2025 09:01

Instrument :

MSVOA_L

ClientSampleId :

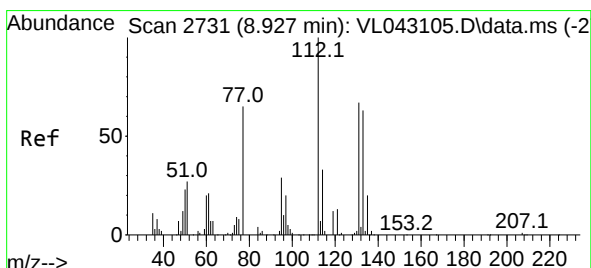
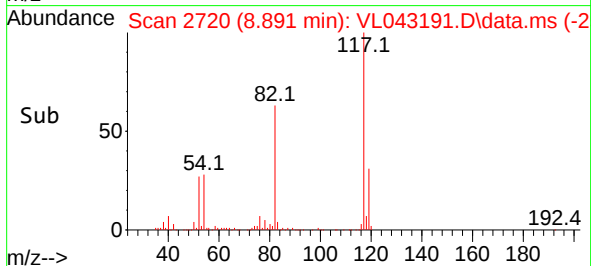
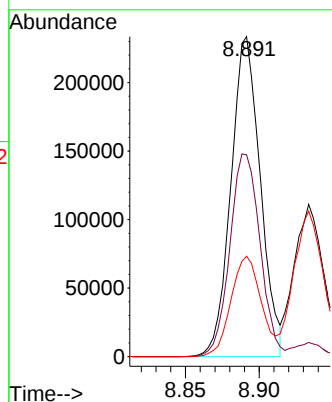
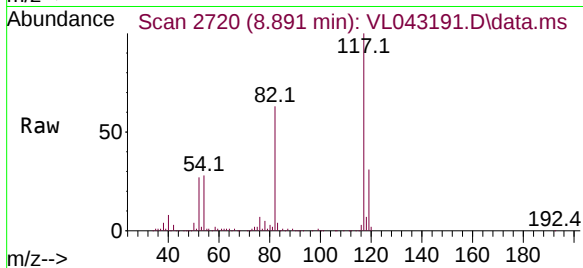
VSTDCCC010

Tgt Ion:117 Resp: 324654
 Ion Ratio Lower Upper
 117 100
 82 69.3 53.8 80.8
 119 33.1 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/18/2025
 Supervised By :Mahesh Dadoda 11/18/2025



#56

1,1,1,2-Tetrachloroethane

Concen: 11.648 ppbv

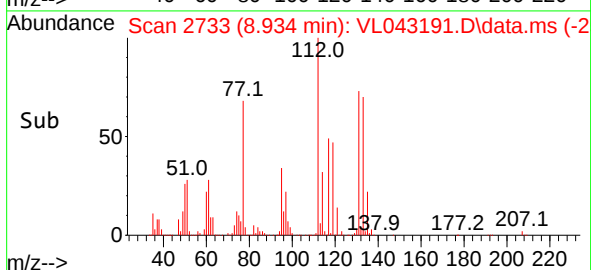
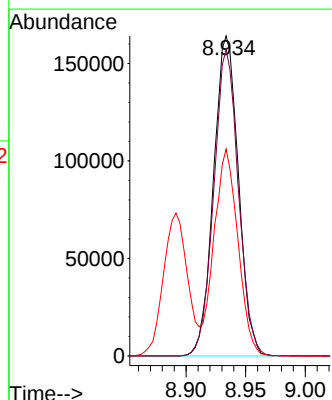
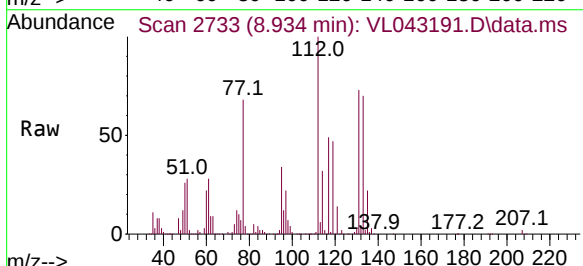
RT: 8.934 min Scan# 2733

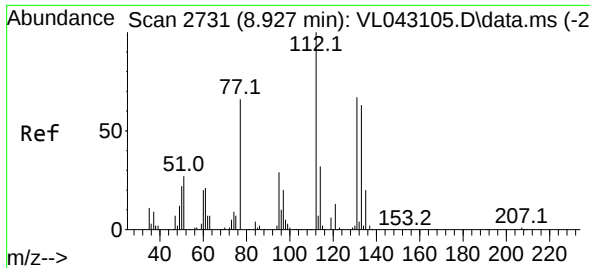
Delta R.T. 0.006 min

Lab File: VL043191.D

Acq: 13 Nov 2025 09:01

Tgt Ion:131 Resp: 238374
 Ion Ratio Lower Upper
 131 100
 133 94.9 75.7 113.5
 119 63.8 50.6 76.0





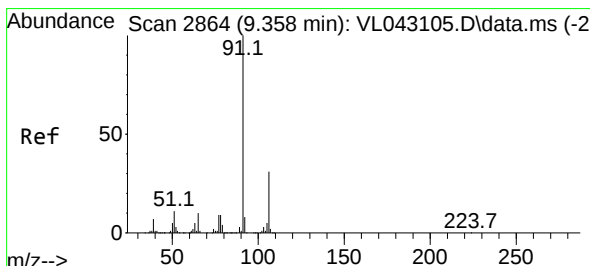
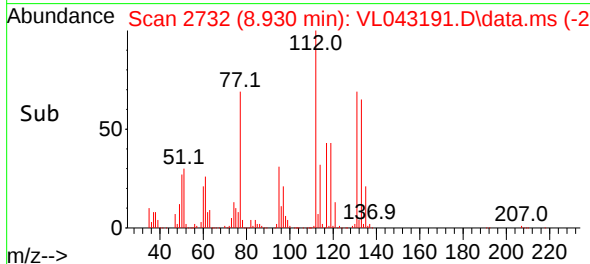
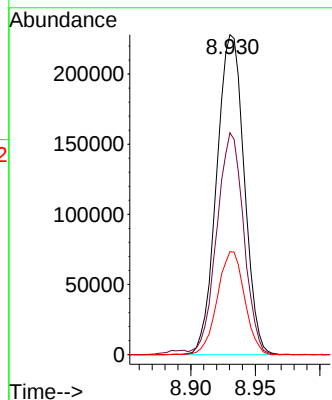
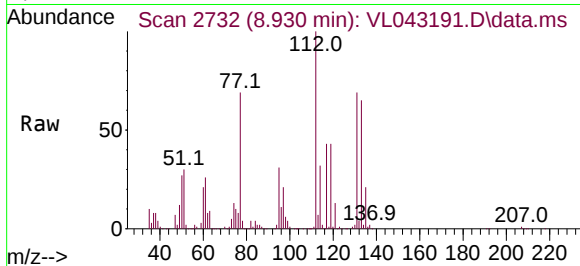
#57
Chlorobenzene
Concen: 11.148 ppbv
RT: 8.930 min Scan# 2731
Delta R.T. 0.003 min
Lab File: VL043191.D
Acq: 13 Nov 2025 09:01

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:112 Resp: 338588
Ion Ratio Lower Upper
112 100
77 69.2 53.3 79.9
114 32.2 29.3 35.8

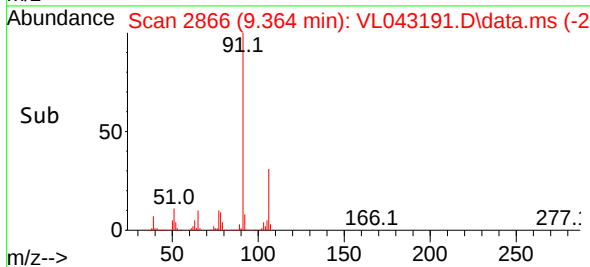
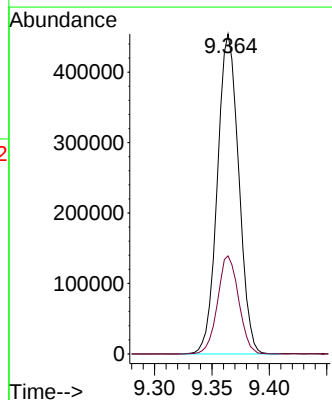
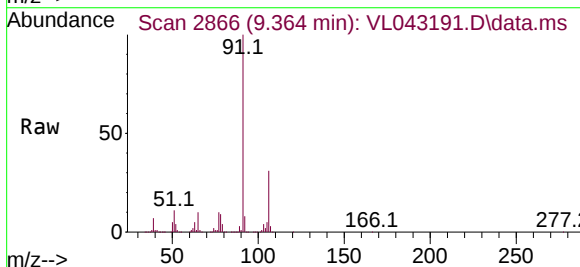
Manual Integrations
APPROVED

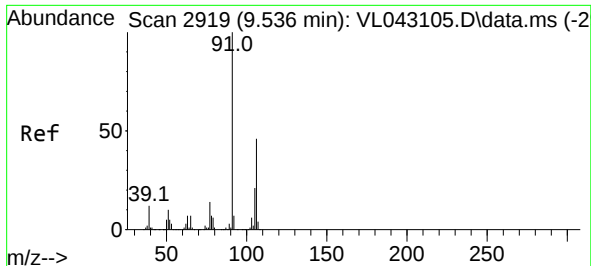
Reviewed By :Semsettin Yesilyurt 11/18/2025
Supervised By :Mahesh Dadoda 11/18/2025



#58
Ethyl Benzene
Concen: 10.543 ppbv
RT: 9.364 min Scan# 2866
Delta R.T. 0.006 min
Lab File: VL043191.D
Acq: 13 Nov 2025 09:01

Tgt Ion: 91 Resp: 587423
Ion Ratio Lower Upper
91 100
106 30.6 24.8 37.2





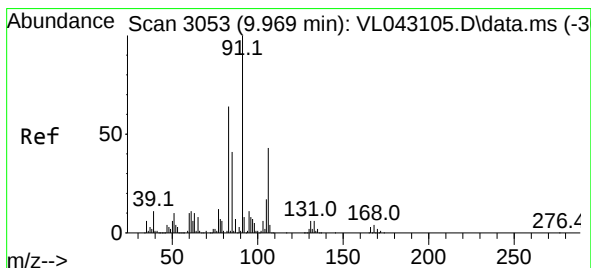
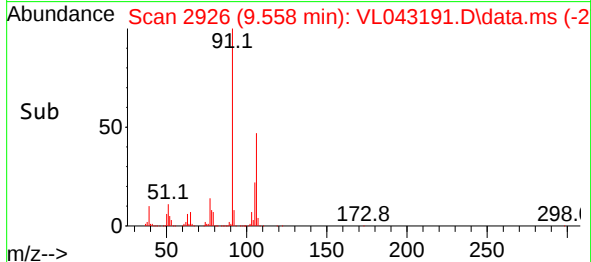
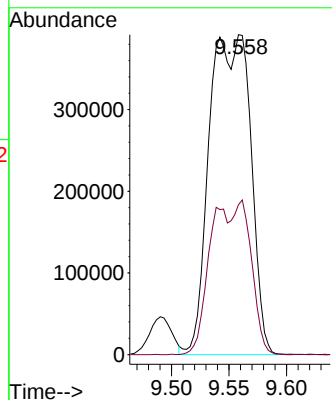
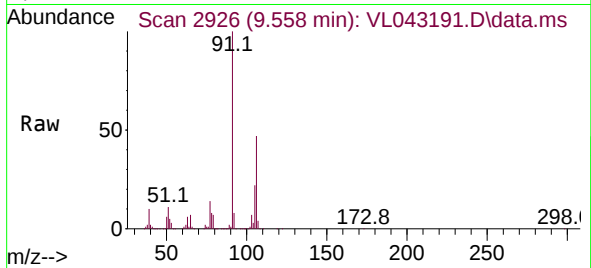
#59
m/p-Xylene
Concen: 22.079 ppbv m
RT: 9.558 min Scan# 2919
Delta R.T. 0.023 min
Lab File: VL043191.D
Acq: 13 Nov 2025 09:01

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 981214
Ion Ratio Lower Upper
91 100
106 0.0 38.0 57.0

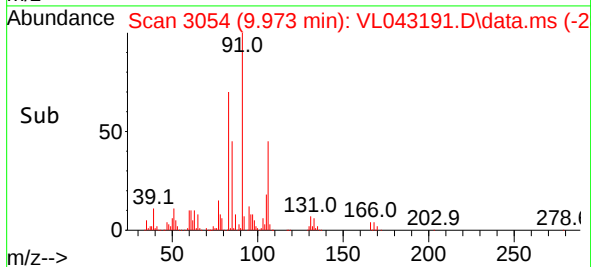
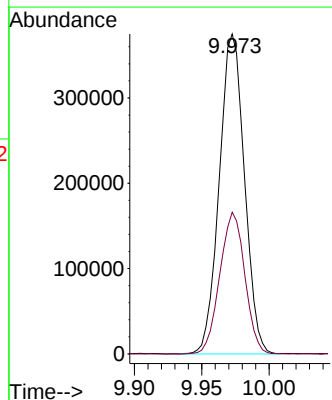
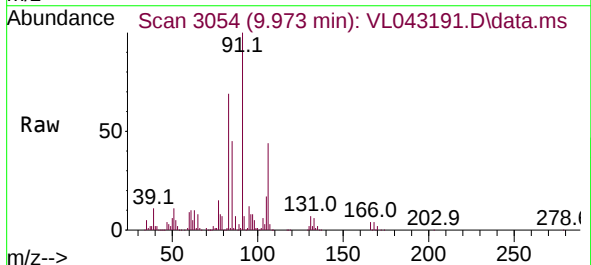
Manual Integrations
APPROVED

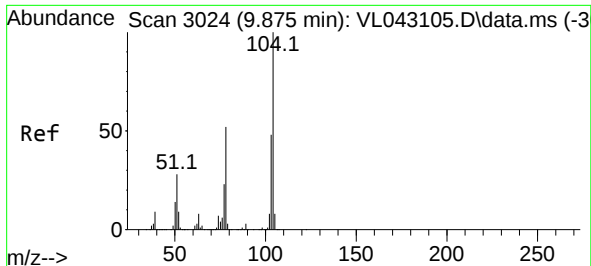
Reviewed By :Semsettin Yesilyurt 11/18/2025
Supervised By :Mahesh Dadoda 11/18/2025



#60
o-Xylene
Concen: 11.090 ppbv
RT: 9.973 min Scan# 3054
Delta R.T. 0.003 min
Lab File: VL043191.D
Acq: 13 Nov 2025 09:01

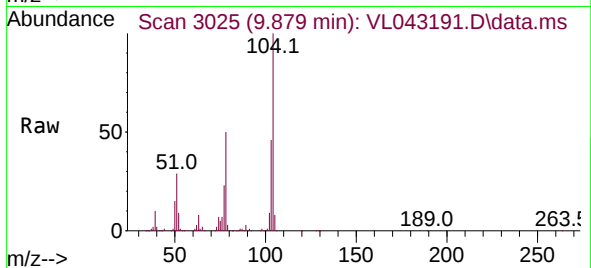
Tgt Ion: 91 Resp: 486760
Ion Ratio Lower Upper
91 100
106 44.0 21.9 65.8





#61
Styrene
Concen: 9.851 ppbv
RT: 9.879 min Scan# 3024
Delta R.T. 0.003 min
Lab File: VL043191.D
Acq: 13 Nov 2025 09:01

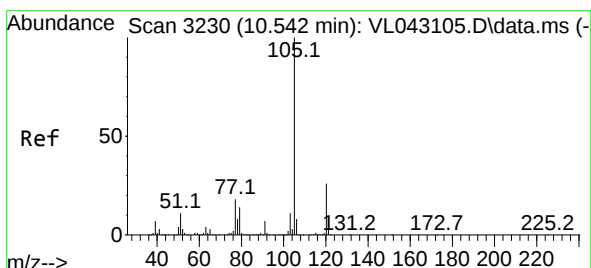
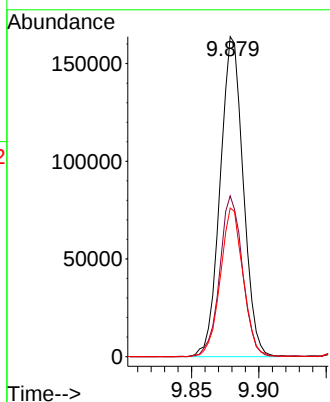
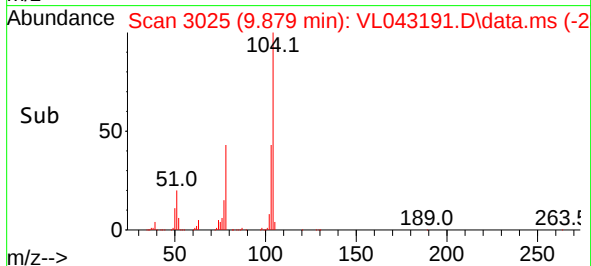
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:104 Resp: 195183
Ion Ratio Lower Upper
104 100
78 49.6 40.2 60.2
103 46.0 36.9 55.3

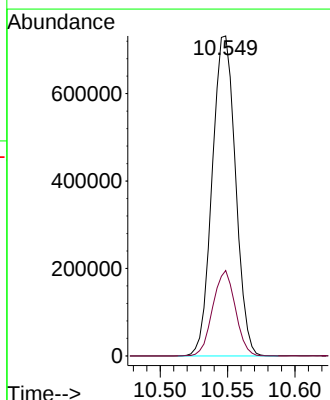
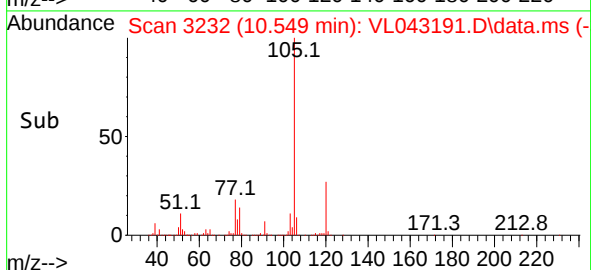
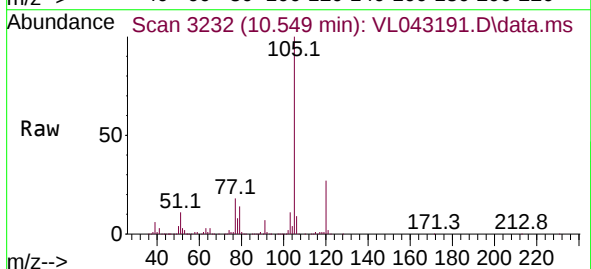
Manual Integrations
APPROVED

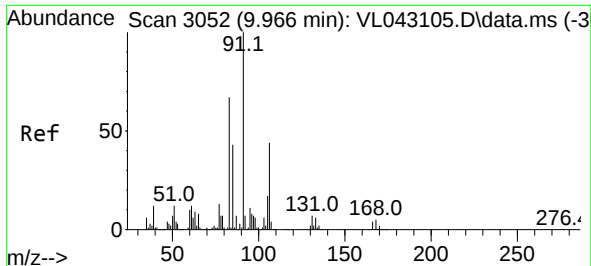
Reviewed By :Semsettin Yesilyurt 11/18/2025
Supervised By :Mahesh Dadoda 11/18/2025



#62
Isopropylbenzene
Concen: 11.111 ppbv
RT: 10.549 min Scan# 3232
Delta R.T. 0.006 min
Lab File: VL043191.D
Acq: 13 Nov 2025 09:01

Tgt Ion:105 Resp: 881218
Ion Ratio Lower Upper
105 100
120 25.8 20.2 30.4





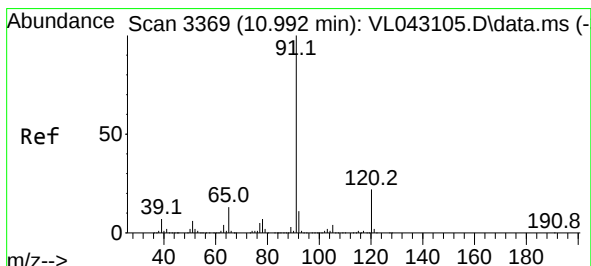
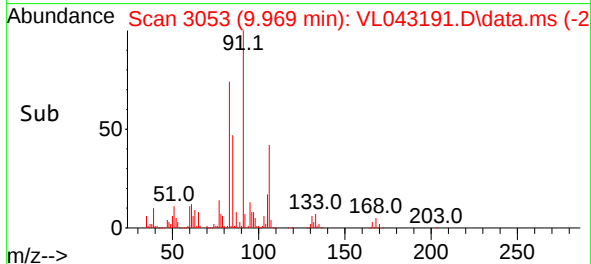
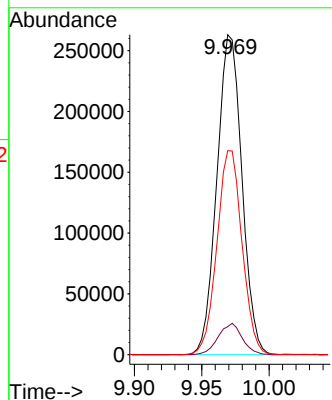
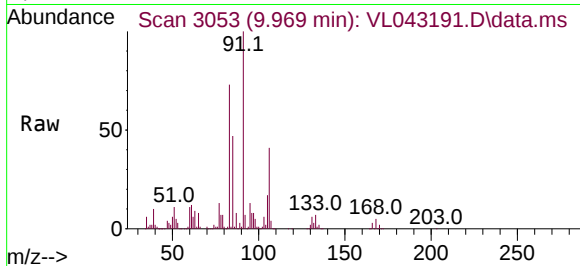
#63
1,1,2,2-Tetrachloroethane
Concen: 11.592 ppbv
RT: 9.969 min Scan# 3052
Delta R.T. 0.003 min
Lab File: VL043191.D
Acq: 13 Nov 2025 09:01

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 83 Resp: 340692
Ion Ratio Lower Upper
83 100
131 9.4 4.8 14.3
85 63.9 32.0 96.0

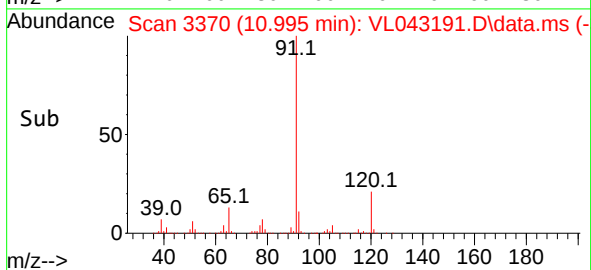
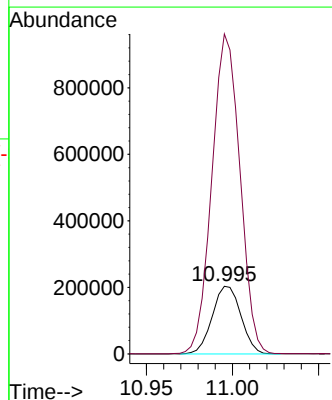
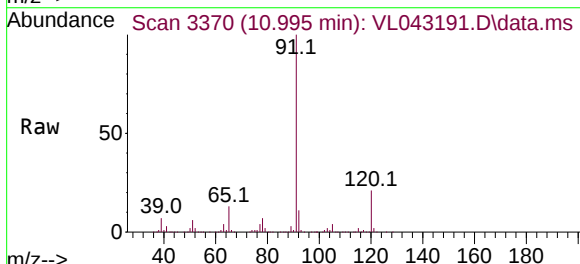
Manual Integrations
APPROVED

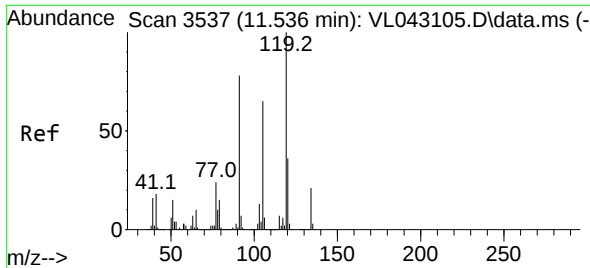
Reviewed By :Semsettin Yesilyurt 11/18/2025
Supervised By :Mahesh Dadoda 11/18/2025



#64
n-propylbenzene
Concen: 11.181 ppbv
RT: 10.995 min Scan# 3370
Delta R.T. 0.003 min
Lab File: VL043191.D
Acq: 13 Nov 2025 09:01

Tgt Ion:120 Resp: 234766
Ion Ratio Lower Upper
120 100
91 466.0 361.6 542.4





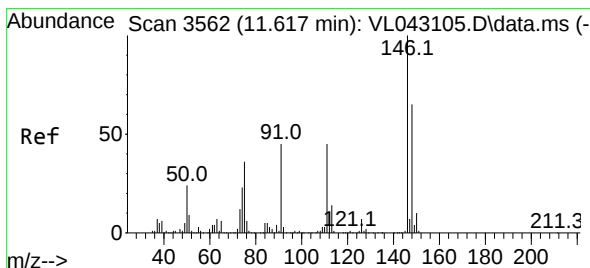
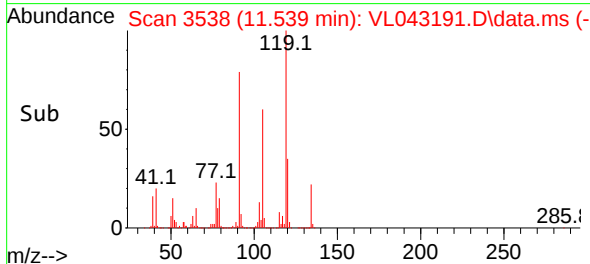
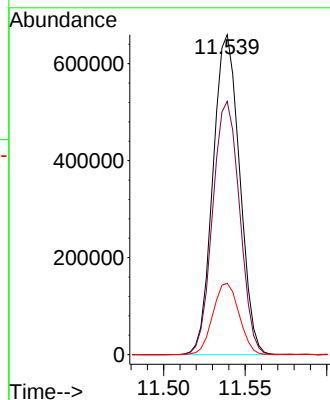
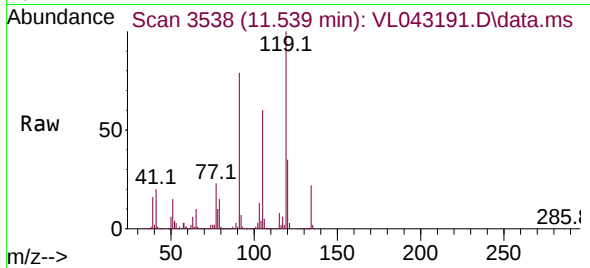
#65
tert-Butylbenzene
Concen: 10.727 ppbv
RT: 11.539 min Scan# 3538
Delta R.T. 0.003 min
Lab File: VL043191.D
Acq: 13 Nov 2025 09:01

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 119 Resp: 75134
Ion Ratio Lower Upper
119 100
91 80.0 63.4 95.0
134 21.9 17.3 25.9

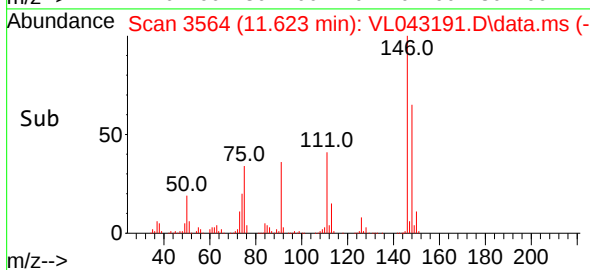
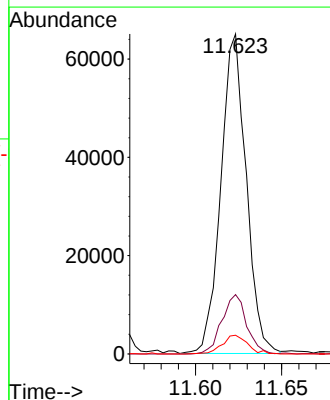
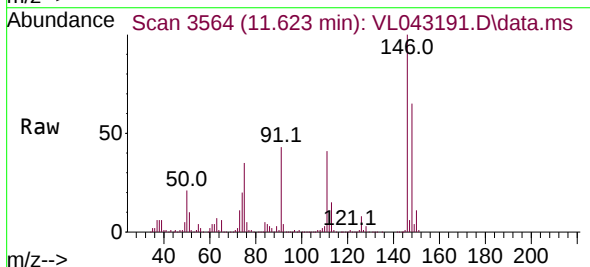
Manual Integrations
APPROVED

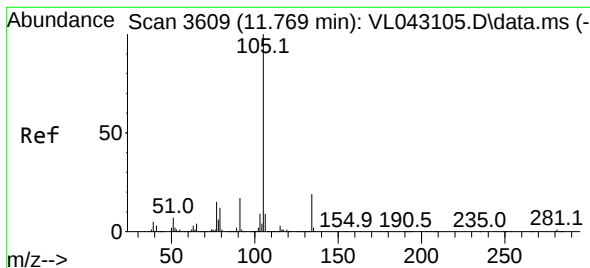
Reviewed By :Semsettin Yesilyurt 11/18/2025
Supervised By :Mahesh Dadoda 11/18/2025



#66
Benzyl Chloride
Concen: 8.537 ppbv
RT: 11.623 min Scan# 3564
Delta R.T. 0.006 min
Lab File: VL043191.D
Acq: 13 Nov 2025 09:01

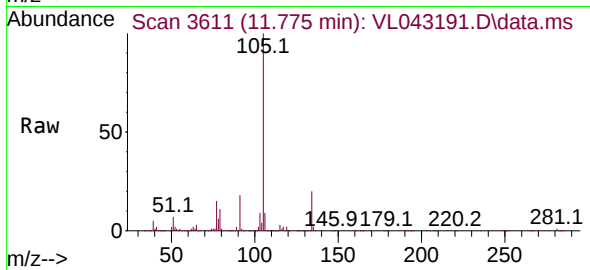
Tgt Ion: 91 Resp: 66547
Ion Ratio Lower Upper
91 100
126 18.3 14.6 22.0
128 5.8 4.6 6.8





#67
 sec-Butylbenzene
 Concen: 11.092 ppbv
 RT: 11.775 min Scan# 3611
 Delta R.T. 0.006 min
 Lab File: VL043191.D
 Acq: 13 Nov 2025 09:01

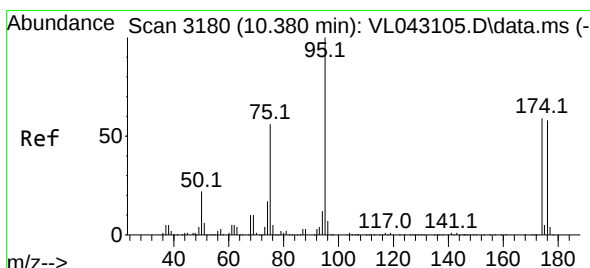
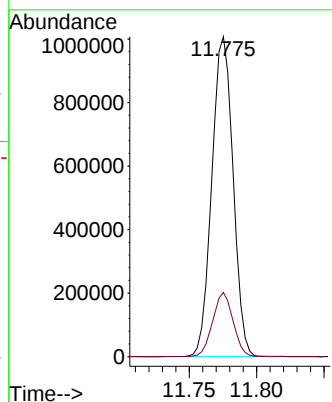
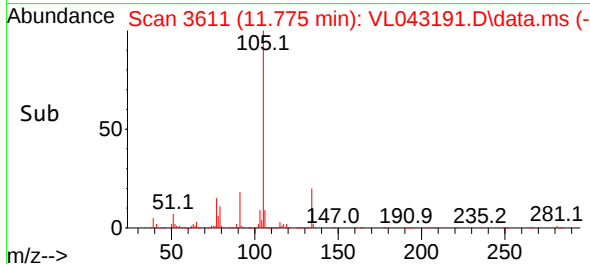
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion:105 Resp: 1102574
 Ion Ratio Lower Upper
 105 100
 134 19.3 15.5 23.3

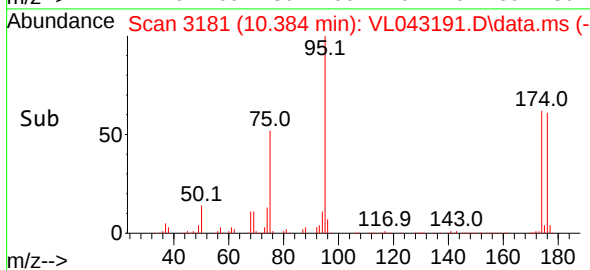
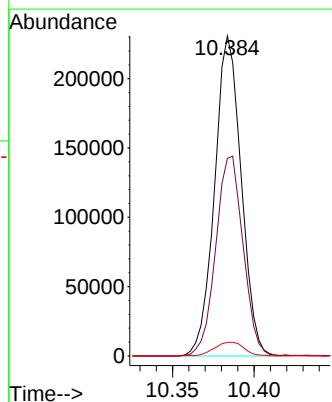
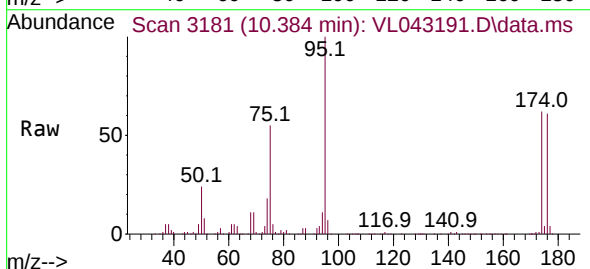
Manual Integrations
 APPROVED

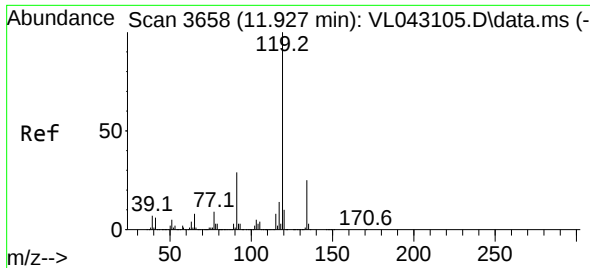
Reviewed By :Semsettin Yesilyurt 11/18/2025
 Supervised By :Mahesh Dadoda 11/18/2025



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.406 ppbv
 RT: 10.384 min Scan# 3181
 Delta R.T. 0.003 min
 Lab File: VL043191.D
 Acq: 13 Nov 2025 09:01

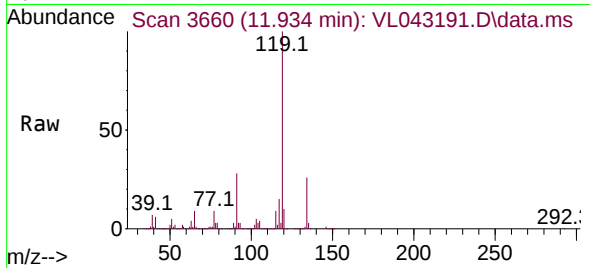
Tgt Ion: 95 Resp: 262602
 Ion Ratio Lower Upper
 95 100
 174 64.5 48.3 72.5
 175 4.8 3.8 5.8





#69
p-Isopropyltoluene
Concen: 10.634 ppbv
RT: 11.934 min Scan# 3660
Delta R.T. 0.006 min
Lab File: VL043191.D
Acq: 13 Nov 2025 09:01

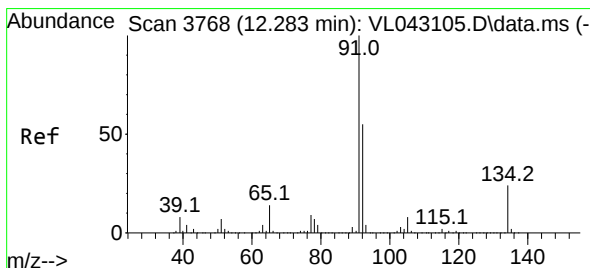
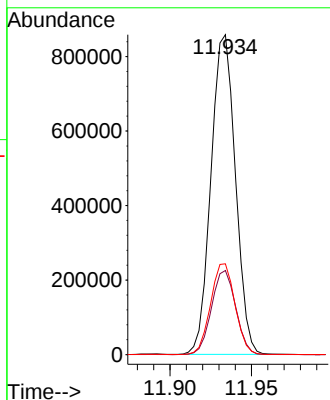
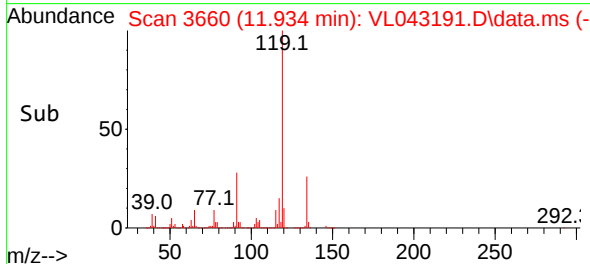
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



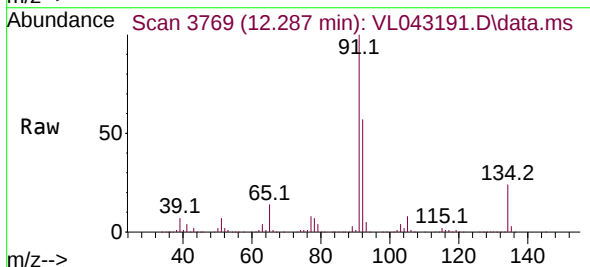
Tgt Ion: 119 Resp: 898238
Ion Ratio Lower Upper
119 100
134 26.1 20.3 30.5
91 28.5 22.6 33.8

Manual Integrations
APPROVED

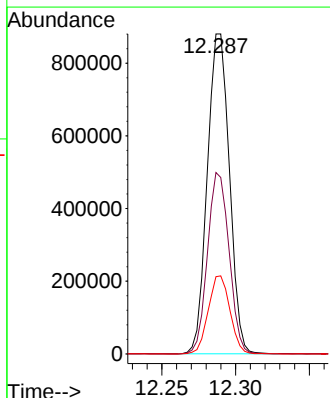
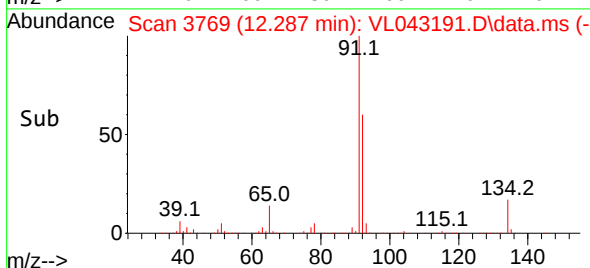
Reviewed By :Semsettin Yesilyurt 11/18/2025
Supervised By :Mahesh Dadoda 11/18/2025

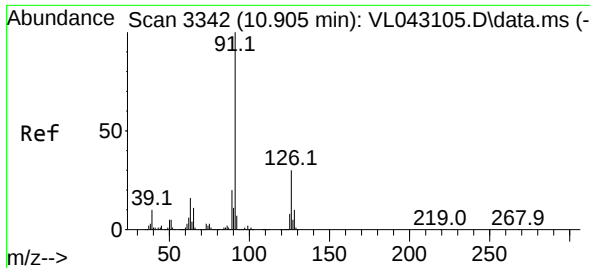


#70
n-Butylbenzene
Concen: 11.043 ppbv
RT: 12.287 min Scan# 3769
Delta R.T. 0.003 min
Lab File: VL043191.D
Acq: 13 Nov 2025 09:01



Tgt Ion: 91 Resp: 919213
Ion Ratio Lower Upper
91 100
92 55.4 44.5 66.7
134 23.9 19.3 28.9





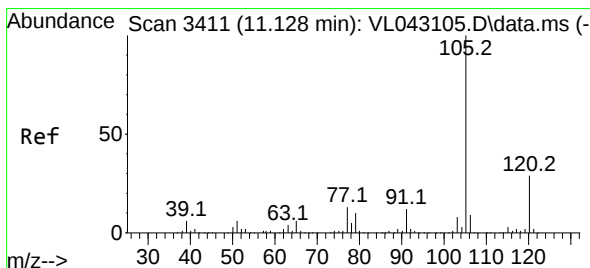
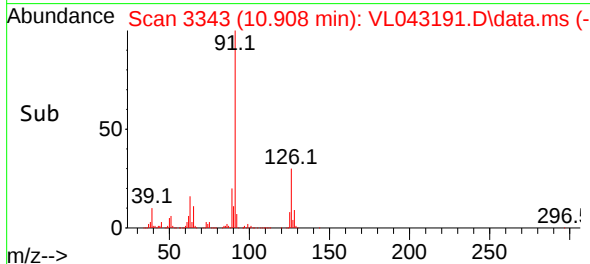
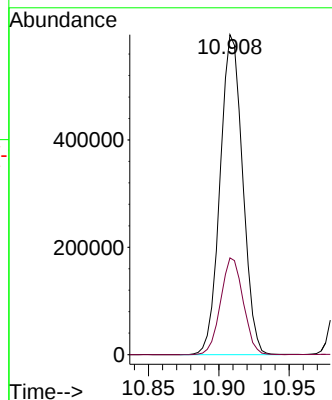
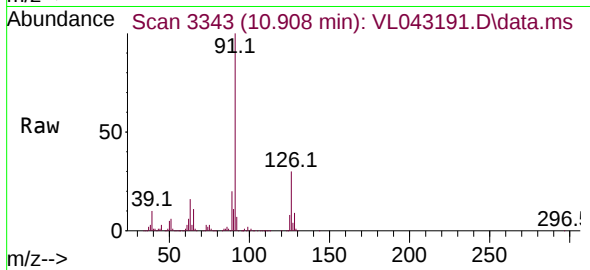
#71
2-Chlorotoluene
Concen: 11.000 ppbv
RT: 10.908 min Scan# 3342
Delta R.T. 0.003 min
Lab File: VL043191.D
Acq: 13 Nov 2025 09:01

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 665438
Ion Ratio Lower Upper
91 100
126 30.2 12.0 48.0

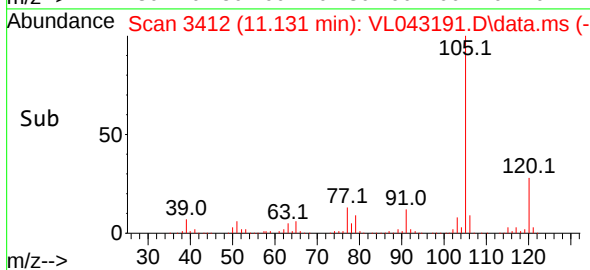
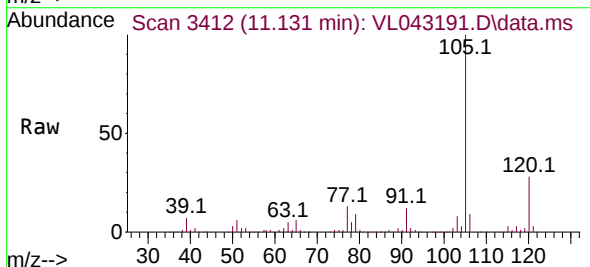
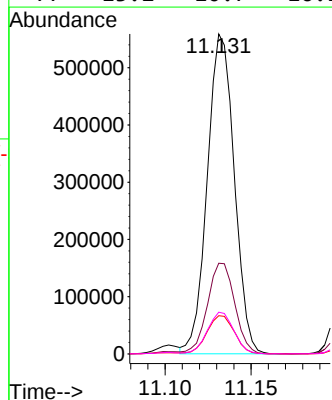
Manual Integrations
APPROVED

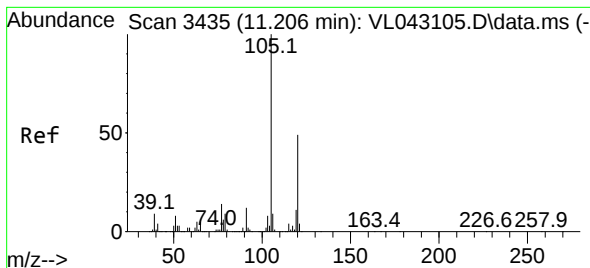
Reviewed By :Semsettin Yesilyurt 11/18/2025
Supervised By :Mahesh Dadoda 11/18/2025



#72
4-Ethyltoluene
Concen: 11.307 ppbv
RT: 11.131 min Scan# 3412
Delta R.T. 0.003 min
Lab File: VL043191.D
Acq: 13 Nov 2025 09:01

Tgt Ion:105 Resp: 610233
Ion Ratio Lower Upper
105 100
120 29.3 24.2 36.4
91 12.6 10.0 15.0
77 13.2 10.7 16.1





#73

1,3,5-Trimethylbenzene

Concen: 11.207 ppbv

RT: 11.212 min Scan# 34

Delta R.T. 0.006 min

Lab File: VL043191.D

Acq: 13 Nov 2025 09:01

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:105 Resp: 498832

Ion Ratio Lower Upper

105 100

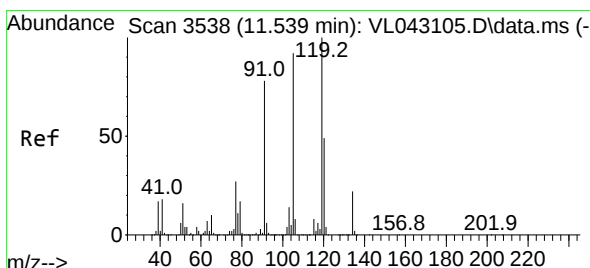
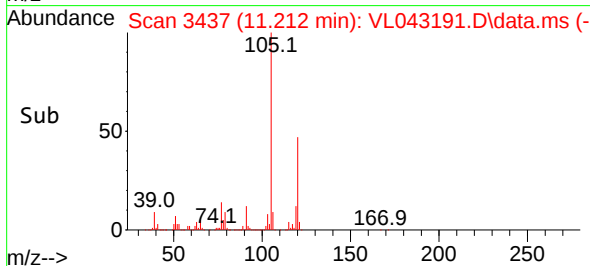
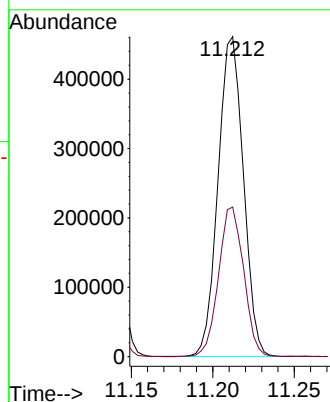
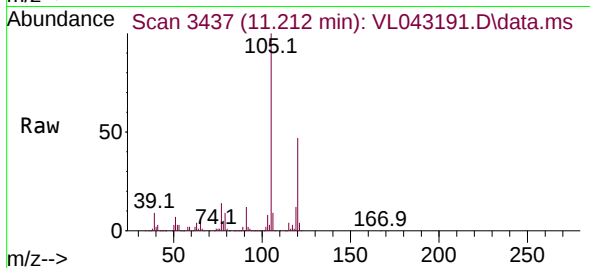
120 46.7 39.0 58.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/18/2025

Supervised By :Mahesh Dadoda 11/18/2025



#74

1,2,4-Trimethylbenzene

Concen: 11.044 ppbv

RT: 11.546 min Scan# 3540

Delta R.T. 0.006 min

Lab File: VL043191.D

Acq: 13 Nov 2025 09:01

Tgt Ion:105 Resp: 550086

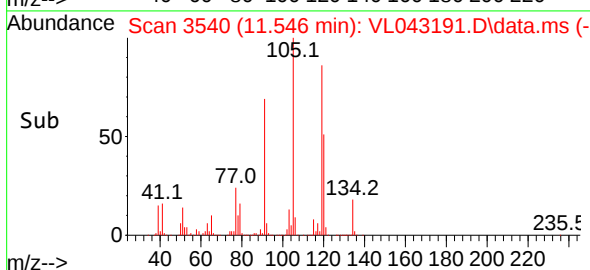
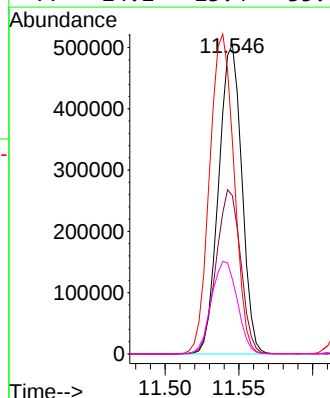
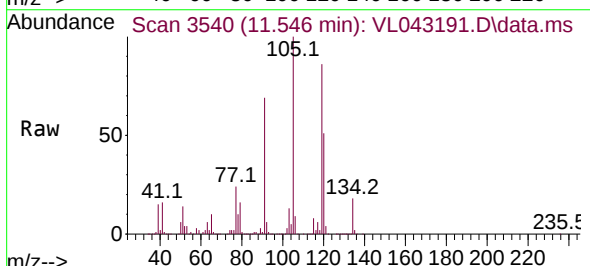
Ion Ratio Lower Upper

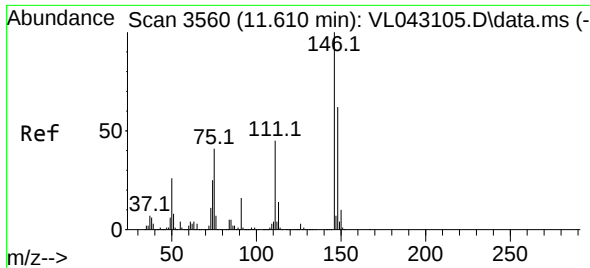
105 100

120 51.1 42.8 64.2

91 68.8 68.3 102.5

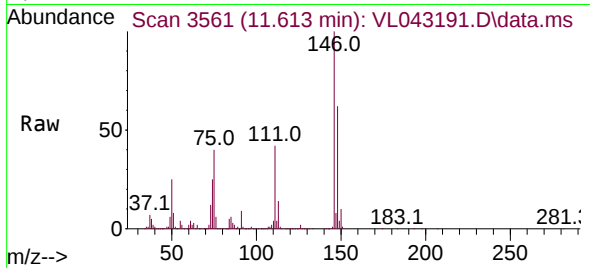
77 24.2 23.4 35.0





#75
1,3-Dichlorobenzene
Concen: 11.801 ppbv
RT: 11.613 min Scan# 3560
Delta R.T. 0.003 min
Lab File: VL043191.D
Acq: 13 Nov 2025 09:01

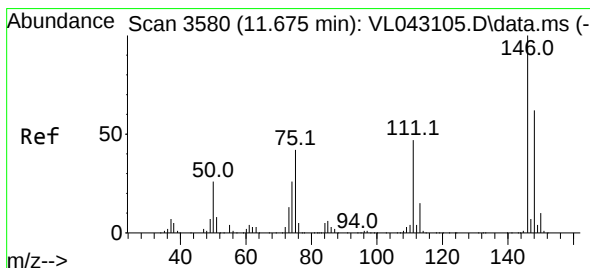
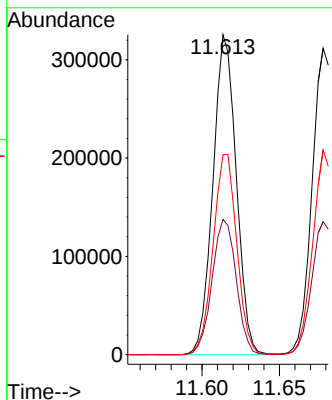
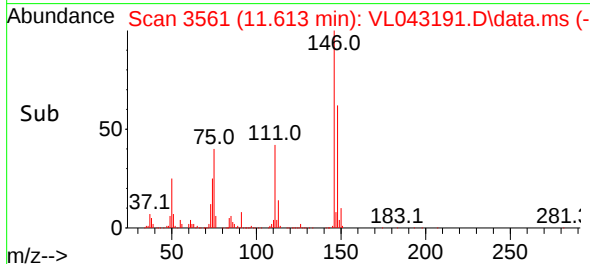
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



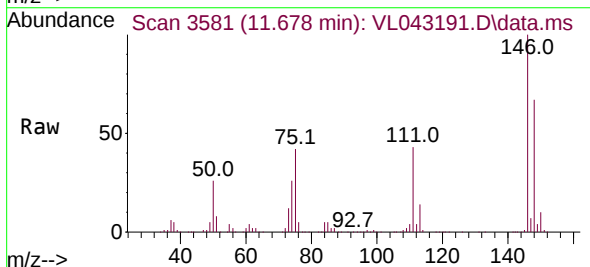
Tgt Ion:146 Resp: 340928
Ion Ratio Lower Upper
146 100
111 43.7 23.3 69.9
148 63.7 31.6 95.0

Manual Integrations
APPROVED

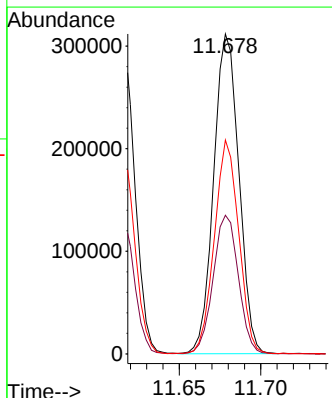
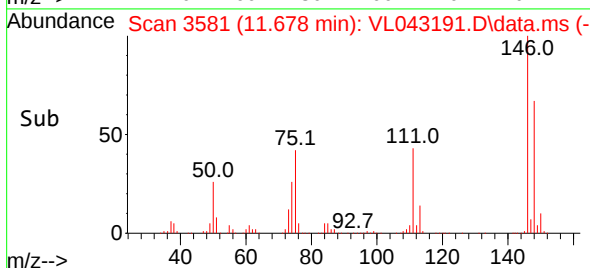
Reviewed By :Semsettin Yesilyurt 11/18/2025
Supervised By :Mahesh Dadoda 11/18/2025

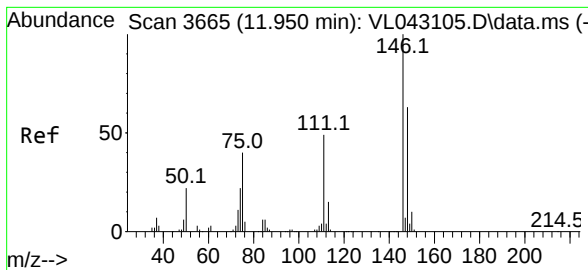


#76
1,4-Dichlorobenzene
Concen: 11.518 ppbv
RT: 11.678 min Scan# 3581
Delta R.T. 0.003 min
Lab File: VL043191.D
Acq: 13 Nov 2025 09:01



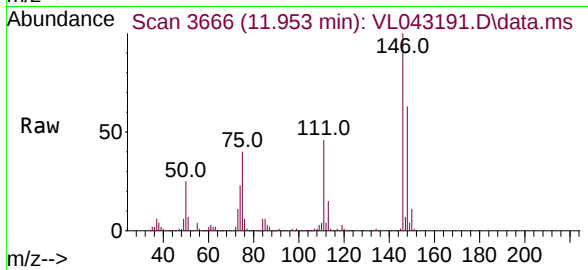
Tgt Ion:146 Resp: 335522
Ion Ratio Lower Upper
146 100
111 43.7 22.4 67.0
148 64.9 31.6 94.7





#77
1,2-Dichlorobenzene
Concen: 11.620 ppbv
RT: 11.953 min Scan# 3666
Delta R.T. 0.003 min
Lab File: VL043191.D
Acq: 13 Nov 2025 09:01

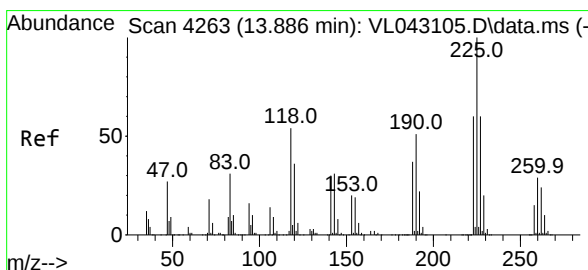
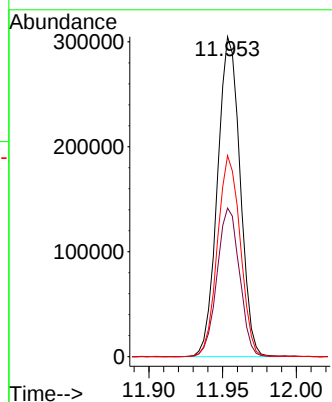
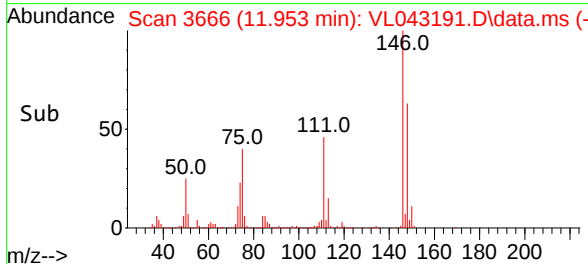
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



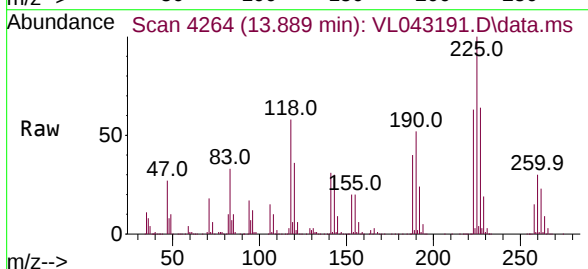
Tgt Ion:146 Resp: 324755
Ion Ratio Lower Upper
146 100
111 46.3 24.0 72.0
148 63.4 31.1 93.3

Manual Integrations
APPROVED

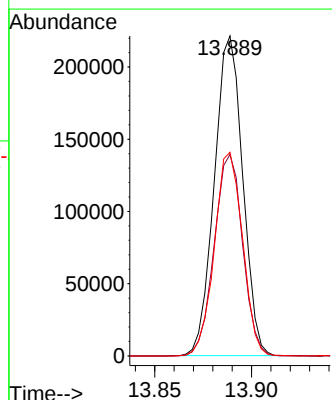
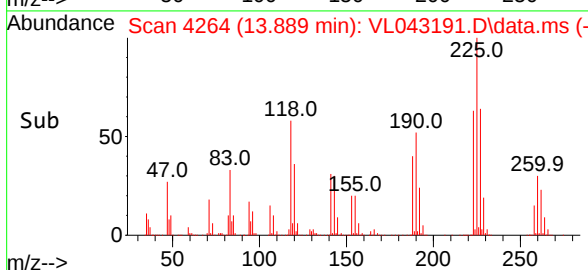
Reviewed By :Semsettin Yesilyurt 11/18/2025
Supervised By :Mahesh Dadoda 11/18/2025

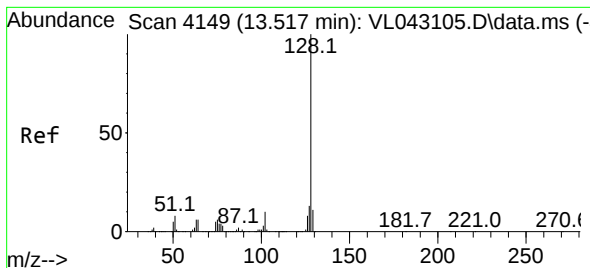


#78
Hexachloro-1,3-Butadiene
Concen: 10.443 ppbv
RT: 13.889 min Scan# 4264
Delta R.T. 0.003 min
Lab File: VL043191.D
Acq: 13 Nov 2025 09:01



Tgt Ion:225 Resp: 225968
Ion Ratio Lower Upper
225 100
223 63.0 50.2 75.4
227 63.1 49.6 74.4





#79

Naphthalene

Concen: 10.430 ppbv

RT: 13.520 min Scan# 4149

Delta R.T. 0.003 min

Lab File: VL043191.D

Acq: 13 Nov 2025 09:01

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:128 Resp: 543024

Ion Ratio Lower Upper

128 100

127 12.7 10.5 15.7

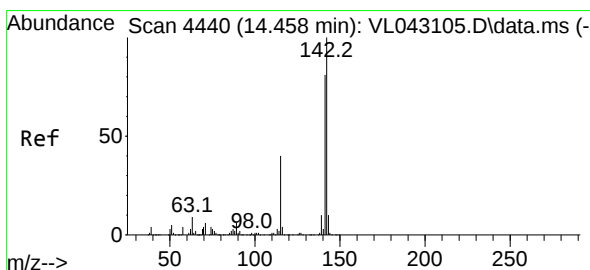
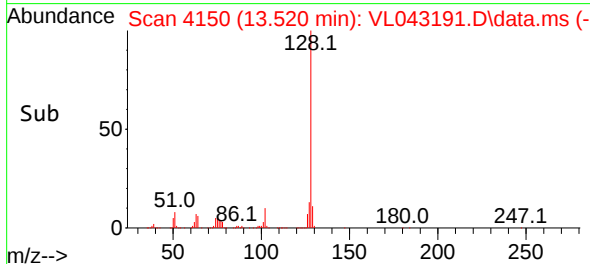
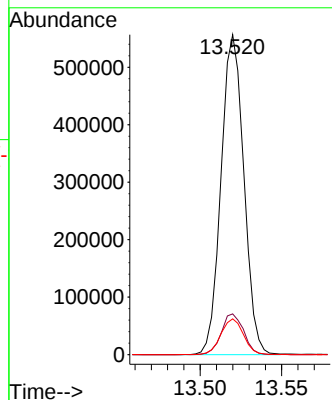
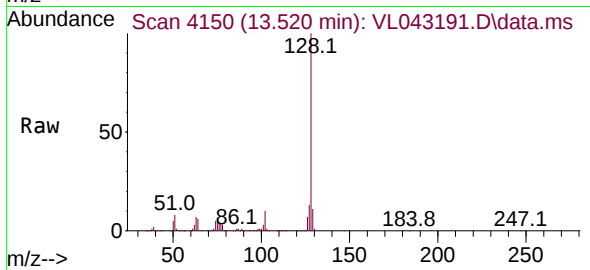
129 11.2 9.1 13.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/18/2025

Supervised By :Mahesh Dadoda 11/18/2025



#80

Naphthalene,2-methyl-

Concen: 9.870 ppbv

RT: 14.465 min Scan# 4442

Delta R.T. 0.006 min

Lab File: VL043191.D

Acq: 13 Nov 2025 09:01

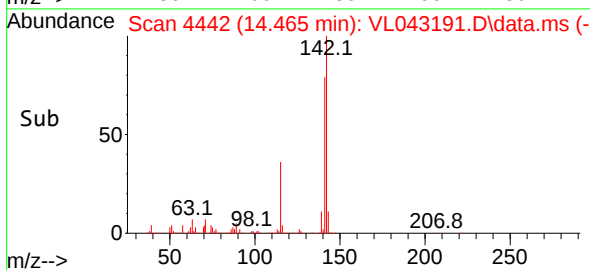
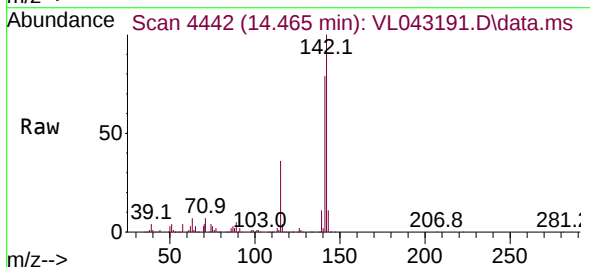
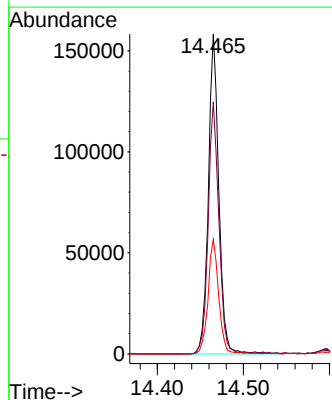
Tgt Ion:142 Resp: 133878

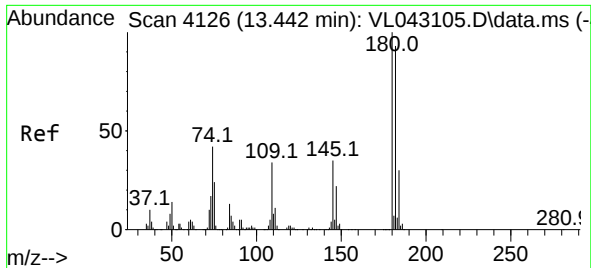
Ion Ratio Lower Upper

142 100

141 81.5 64.6 97.0

115 36.8 30.2 45.4





#81

1,2,4-Trichlorobenzene

Concen: 10.671 ppbv

RT: 13.449 min Scan# 41

Delta R.T. 0.006 min

Lab File: VL043191.D

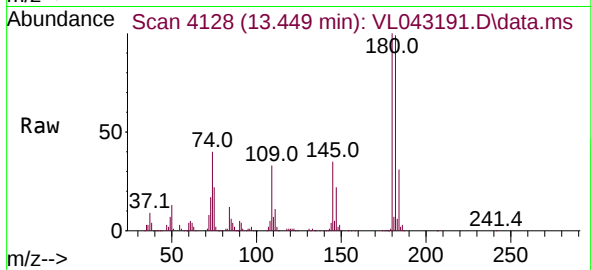
Acq: 13 Nov 2025 09:01

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010



Tgt Ion:180 Resp: 230586

Ion Ratio Lower Upper

180 100

182 95.9 75.5 113.3

184 29.9 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/18/2025

Supervised By :Mahesh Dadoda 11/18/2025

