

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL112025\
 Data File : VL043257.D
 Acq On : 20 Nov 2025 10:14
 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 11/21/2025
 Supervised By : Mahesh Dadoda 11/21/2025

Quant Time: Nov 21 00:33:53 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111825AIR.M

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

QLast Update : Wed Nov 19 01:11:25 2025

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.777	49	102759	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.943	114	275595	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.866	117	222776	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 10.364 95 166532 10.198 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 102.000%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.496	85	161177	11.121	ppbv	98
3) Chlorodifluoromethane	1.473	51	146232	10.259	ppbv	95
4) Chloromethane	1.531	50	54380	10.035	ppbv	95
5) Vinyl Chloride	1.577	62	55244	9.322	ppbv	95
6) Bromomethane	1.664	94	27639	9.621	ppbv	99
7) Chloroethane	1.700	64	22384	9.698	ppbv	100
8) Dichlorotetrafluoroethane	1.551	85	129834	10.769	ppbv	99
9) Propene	1.480	41	55697m	9.202	ppbv	
10) Heptane	4.959	43	156253	8.674	ppbv	95
11) Trichlorofluoromethane	1.874	101	169670	12.083	ppbv	96
12) 1,1,2-Trichlorotrifluo...	2.133	101	126654	11.553	ppbv	97
13) Ethanol	1.716	45	16970	7.973	ppbv	95
14) Bromoethene	1.777	108	45797	10.897	ppbv	96
15) Acetone	1.829	43	122027	8.547	ppbv	99
16) 1,3-Butadiene	1.606	39	62334	9.794	ppbv	97
17) tert-Butyl alcohol	2.033	59	175626	9.372	ppbv	100
18) 1,1-Dichloroethene	2.030	96	55419	10.857	ppbv	88
19) Isopropyl Alcohol	1.881	45	72573	8.996	ppbv	94
20) Methylene Chloride	2.056	84	48499	11.659	ppbv	95
21) Allyl Chloride	2.091	41	83761	8.720	ppbv	93
22) trans-1,2-Dichloroethene	2.334	96	62490	10.711	ppbv	90
23) Vinyl Acetate	2.454	43	157670	9.148	ppbv	99
24) 1,1-Dichloroethane	2.402	63	119663	10.625	ppbv	97
25) Ethyl Acetate	2.823	43	285972	9.287	ppbv	99
26) Hexane	2.819	57	130004	9.630	ppbv	98
27) Carbon Disulfide	2.146	76	150498	10.920	ppbv	99
28) Methyl tert-Butyl Ether	2.431	73	68600	10.352	ppbv	95
29) Chloroform	2.839	83	219297	11.429	ppbv	99
30) Cyclohexane	3.845	84	109617	9.685	ppbv	95
31) cis-1,2-Dichloroethene	2.713	61	137895	10.277	ppbv	93
32) 1,1,1-Trichloroethane	3.357	97	226600	11.079	ppbv	99
34) 2-Butanone	2.548	43	180979	9.303	ppbv	100
35) Carbon Tetrachloride	3.752	117	237548	11.356	ppbv	98
36) Benzene	3.645	78	265981	10.078	ppbv	99
37) 1,2-Dichloroethane	3.208	62	173345	11.229	ppbv	98
38) Trichloroethene	4.528	130	107877	10.447	ppbv	94
39) 1,2-Dichloropropane	4.299	63	92453	9.571	ppbv	95
40) 1,4-Dioxane	4.558	88	36555	8.418	ppbv #	91
41) Tetrahydrofuran	3.040	42	94776	8.822	ppbv	98
42) Bromodichloromethane	4.470	83	237498	11.152	ppbv	99
43) Methyl Methacrylate	4.862	69	125480	8.957	ppbv	96
44) 2,2,4-Trimethylpentane	4.622	57	437108	9.643	ppbv	99
45) t-1,3-Dichloropropene	6.389	75	100231	7.675	ppbv	99

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111825AIR.M

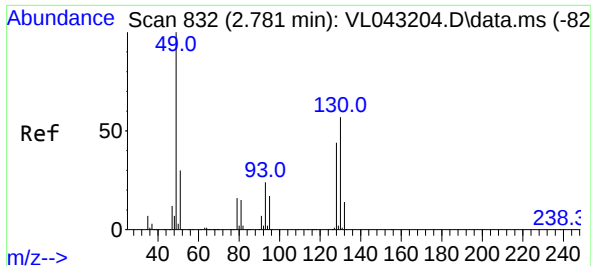
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Wed Nov 19 01:11:25 2025

Response via : Initial Calibration

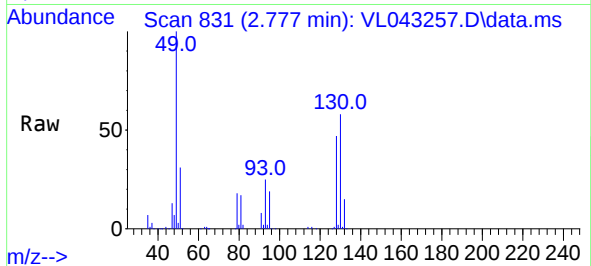
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.577	75	122504	7.989	ppbv	98
47) 1,1,2-Trichloroethane	6.561	97	104460m	10.190	ppbv	
48) Dibromochloromethane	7.370	129	193819	10.997	ppbv	99
49) Bromoform	9.471	173	171644	10.994	ppbv	100
50) 4-Methyl-2-Pentanone	5.723	43	238084	8.688	ppbv	99
51) 2-Hexanone	7.415	43	172317	8.097	ppbv #	99
52) Tetrachloroethene	8.208	164	99129	10.097	ppbv	94
53) Toluene	6.914	91	300158	9.604	ppbv	99
54) 1,2-Dibromoethane	7.636	107	146099	9.684	ppbv	95
56) 1,1,1,2-Tetrachloroethane	8.911	131	176606	10.787	ppbv	98
57) Chlorobenzene	8.908	112	236347	10.333	ppbv	98
58) Ethyl Benzene	9.341	91	430385	10.037	ppbv	99
59) m/p-Xylene	9.539	91	709378m	20.635	ppbv	
60) o-Xylene	9.950	91	353166	10.284	ppbv	100
61) Styrene	9.859	104	140574	9.353	ppbv	99
62) Isopropylbenzene	10.529	105	637682	10.379	ppbv	100
63) 1,1,2,2-Tetrachloroethane	9.950	83	214523	9.817	ppbv	100
64) n-propylbenzene	10.979	120	158685	10.052	ppbv	97
65) tert-Butylbenzene	11.520	119	544959	9.932	ppbv	98
66) Benzyl Chloride	11.604	91	23441	4.210	ppbv	99
67) sec-Butylbenzene	11.756	105	764527	9.982	ppbv	100
69) p-Isopropyltoluene	11.914	119	641411	9.886	ppbv	100
70) n-Butylbenzene	12.270	91	626151	9.948	ppbv	99
71) 2-Chlorotoluene	10.888	91	466353	9.875	ppbv	99
72) 4-Ethyltoluene	11.115	105	424355	10.147	ppbv	98
73) 1,3,5-Trimethylbenzene	11.193	105	355138	10.119	ppbv	96
74) 1,2,4-Trimethylbenzene	11.526	105	386671	10.095	ppbv	99
75) 1,3-Dichlorobenzene	11.597	146	227896	10.196	ppbv	99
76) 1,4-Dichlorobenzene	11.662	146	226164	10.117	ppbv	100
77) 1,2-Dichlorobenzene	11.937	146	215578	10.032	ppbv	98
78) Hexachloro-1,3-Butadiene	13.873	225	172235	9.604	ppbv	100
79) Naphthalene	13.504	128	324391	9.536	ppbv	98
80) Naphthalene,2-methyl-	14.449	142	78637	8.806	ppbv	98
81) 1,2,4-Trichlorobenzene	13.429	180	160725	10.564	ppbv	99

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.777 min Scan# 81
Delta R.T. -0.004 min
Lab File: VL043257.D
Acq: 20 Nov 2025 10:14

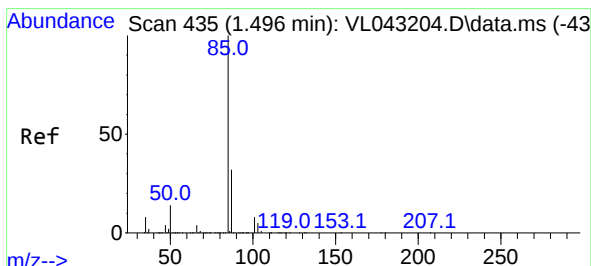
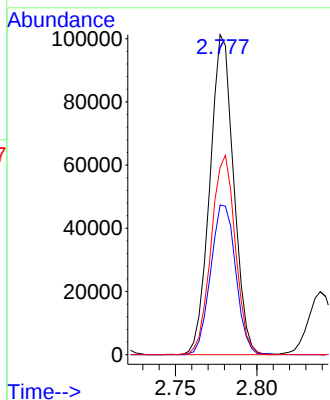
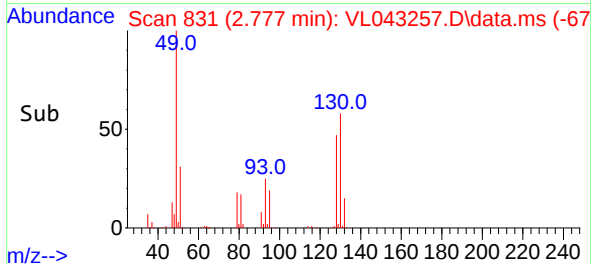
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



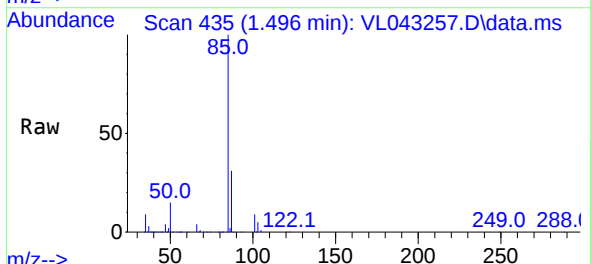
Tgt Ion: 49 Resp: 102759
Ion Ratio Lower Upper
49 100
128 49.3 23.0 69.0
130 63.4 29.9 89.7

Manual Integrations
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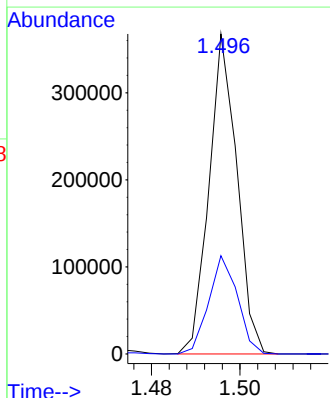
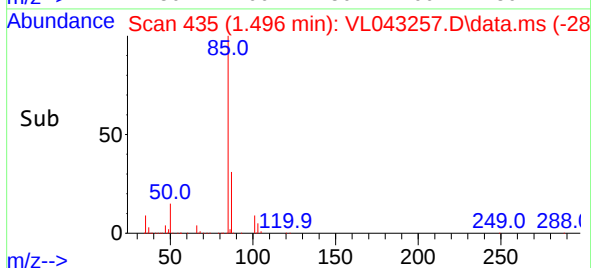
Reviewed By :Semsettin Yesilyurt 11/21/2025
Supervised By :Mahesh Dadoda 11/21/2025

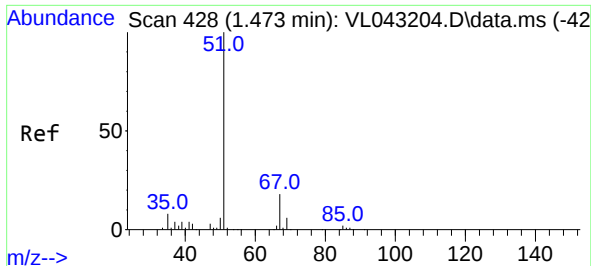


#2
Dichlorodifluoromethane
Concen: 11.121 ppbv
RT: 1.496 min Scan# 435
Delta R.T. -0.000 min
Lab File: VL043257.D
Acq: 20 Nov 2025 10:14



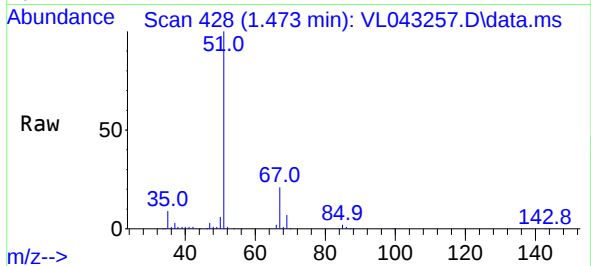
Tgt Ion: 85 Resp: 161177
Ion Ratio Lower Upper
85 100
87 30.7 25.4 38.2





#3
Chlorodifluoromethane
Concen: 10.259 ppbv
RT: 1.473 min Scan# 428
Delta R.T. -0.000 min
Lab File: VL043257.D
Acq: 20 Nov 2025 10:14

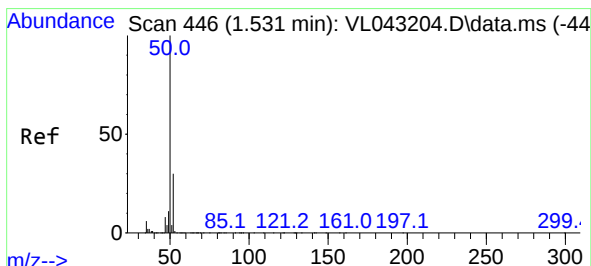
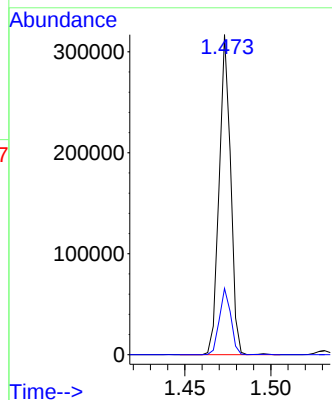
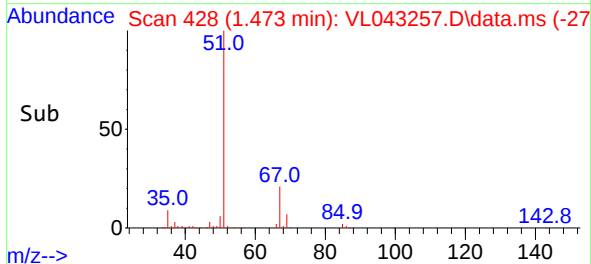
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



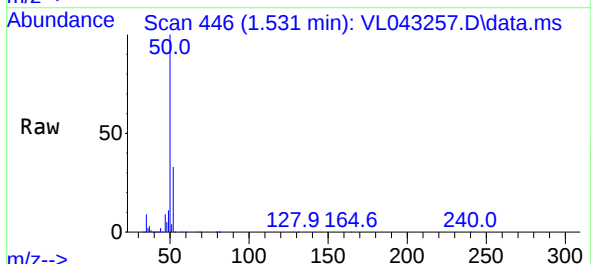
Tgt Ion: 51 Resp: 146232
Ion Ratio Lower Upper
51 100
67 20.8 14.9 22.3

Manual Integrations
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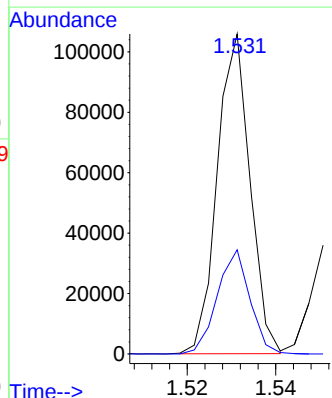
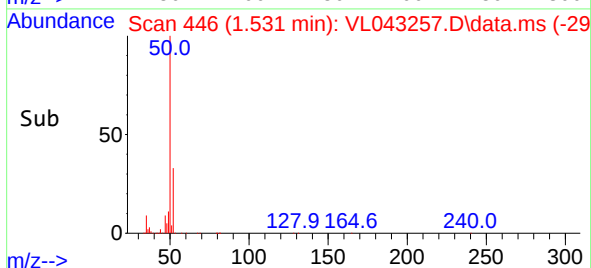
Reviewed By :Semsettin Yesilyurt 11/21/2025
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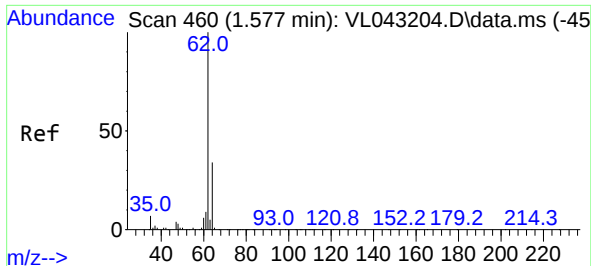


#4
Chloromethane
Concen: 10.035 ppbv
RT: 1.531 min Scan# 446
Delta R.T. -0.000 min
Lab File: VL043257.D
Acq: 20 Nov 2025 10:14



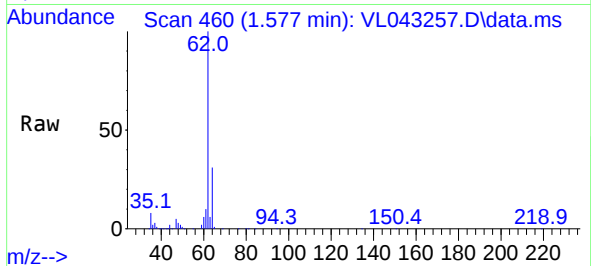
Tgt Ion: 50 Resp: 54380
Ion Ratio Lower Upper
50 100
52 32.6 24.1 36.1





#5
 Vinyl Chloride
 Concen: 9.322 ppbv
 RT: 1.577 min Scan# 460
 Delta R.T. -0.000 min
 Lab File: VL043257.D
 Acq: 20 Nov 2025 10:14

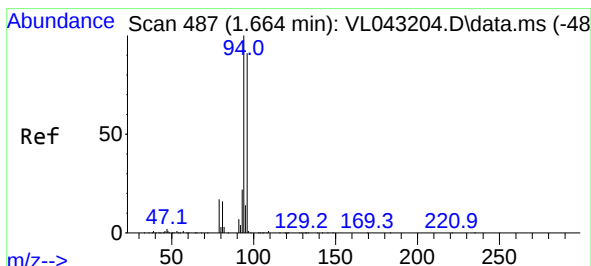
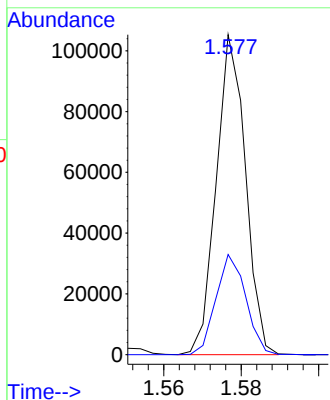
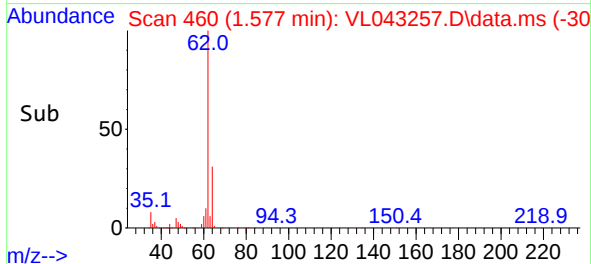
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



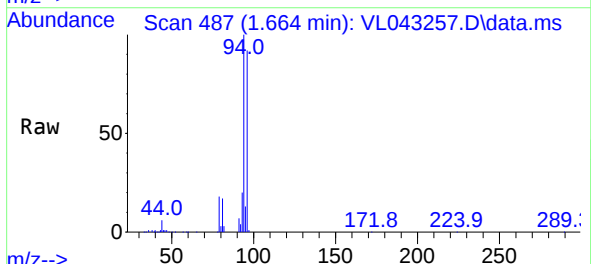
Tgt Ion: 62 Resp: 55244
 Ion Ratio Lower Upper
 62 100
 64 31.3 27.3 40.9

Manual Integrations
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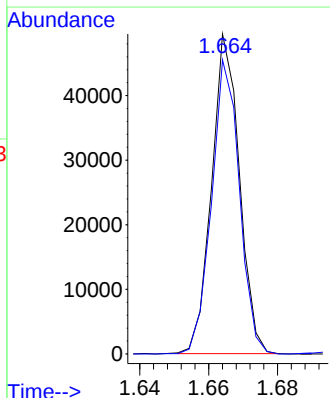
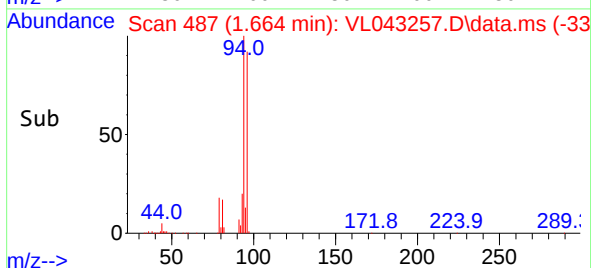
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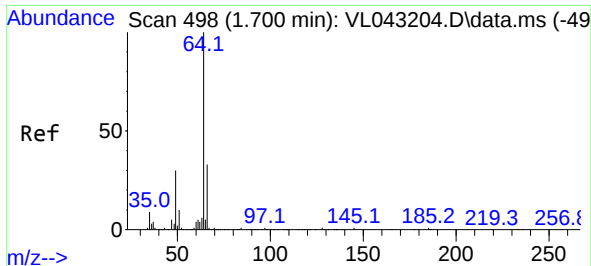


#6
 Bromomethane
 Concen: 9.621 ppbv
 RT: 1.664 min Scan# 487
 Delta R.T. -0.000 min
 Lab File: VL043257.D
 Acq: 20 Nov 2025 10:14



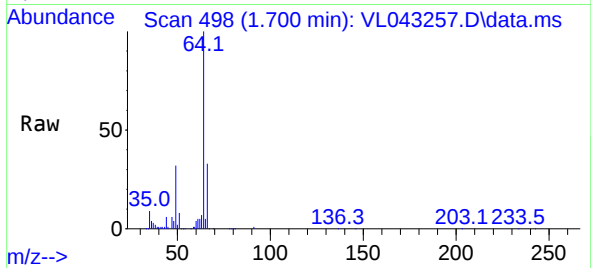
Tgt Ion: 94 Resp: 27639
 Ion Ratio Lower Upper
 94 100
 96 92.0 72.9 109.3





#7
Chloroethane
Concen: 9.698 ppbv
RT: 1.700 min Scan# 498
Delta R.T. -0.000 min
Lab File: VL043257.D
Acq: 20 Nov 2025 10:14

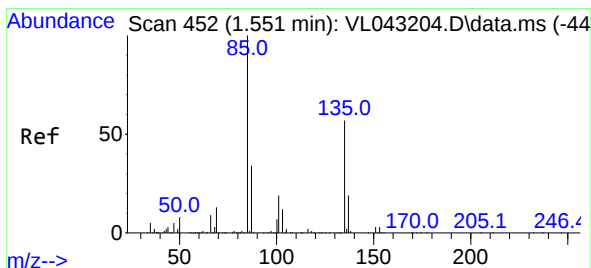
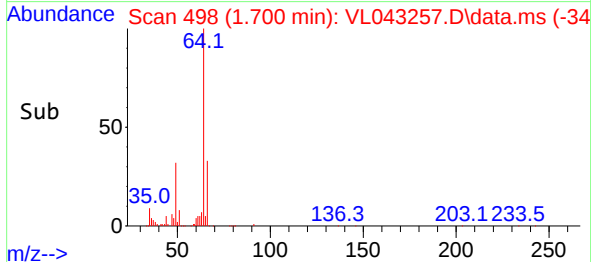
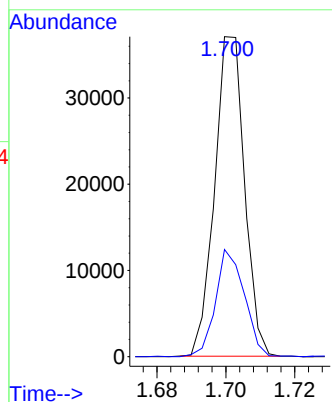
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 64 Resp: 22384
Ion Ratio Lower Upper
64 100
66 33.5 26.8 40.2

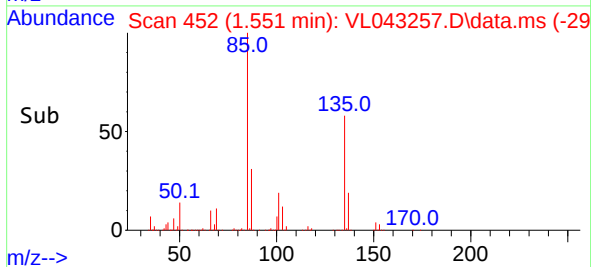
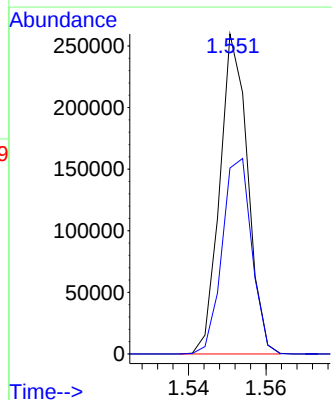
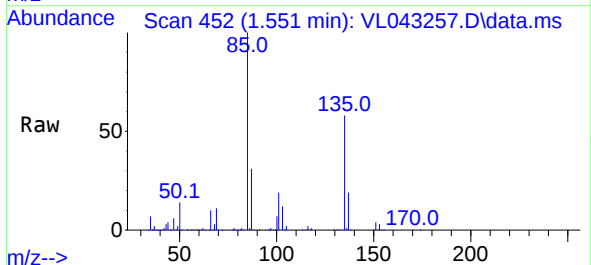
Manual Integrations
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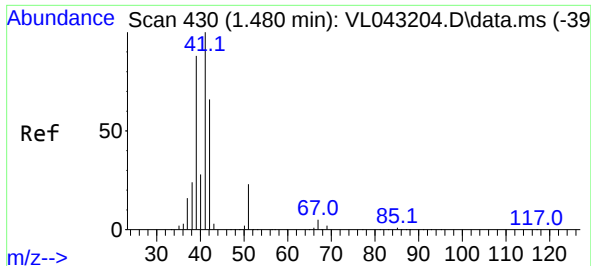
Reviewed By :Semsettin Yesilyurt 11/21/2025
Supervised By :Mahesh Dadoda 11/21/2025



#8
Dichlorotetrafluoroethane
Concen: 10.769 ppbv
RT: 1.551 min Scan# 452
Delta R.T. -0.000 min
Lab File: VL043257.D
Acq: 20 Nov 2025 10:14

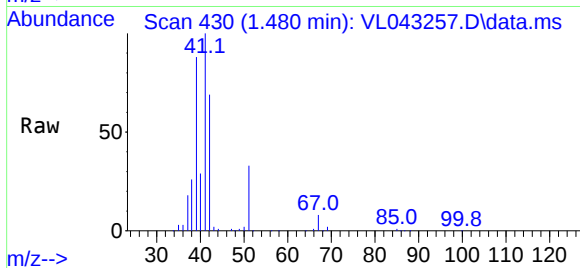
Tgt Ion: 85 Resp: 129834
Ion Ratio Lower Upper
85 100
135 65.0 52.6 79.0





#9
Propene
Concen: 9.202 ppbv m
RT: 1.480 min Scan# 41
Delta R.T. -0.000 min
Lab File: VL043257.D
Acq: 20 Nov 2025 10:14

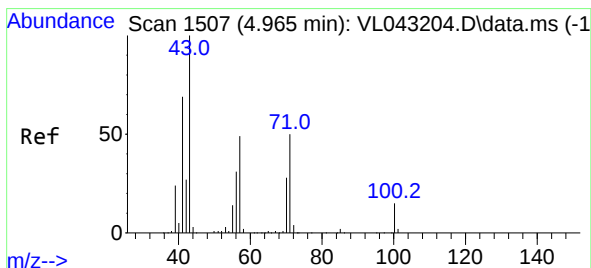
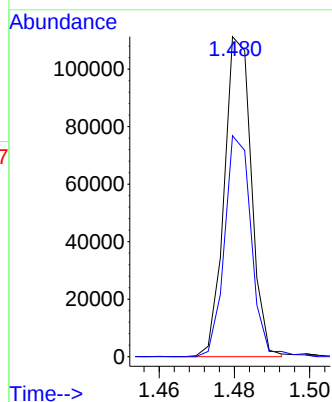
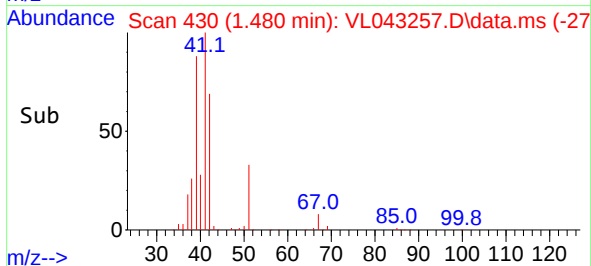
Instrument :
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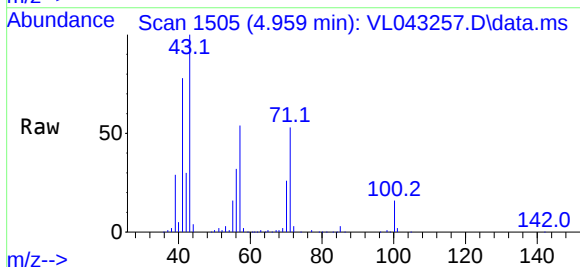
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Ion Ratio Lower Upper
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42 5.5 3.7 5.5

Manual Integrations
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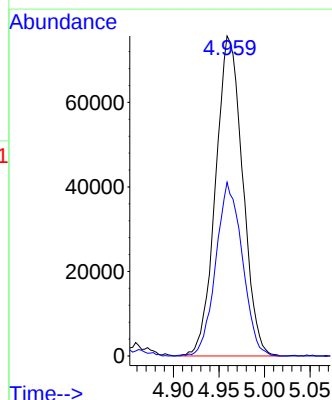
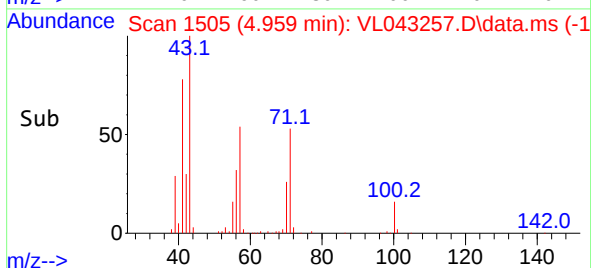
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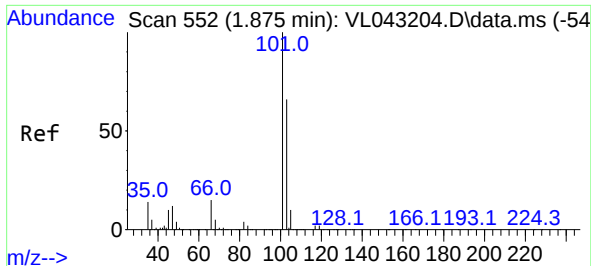


#10
Heptane
Concen: 8.674 ppbv
RT: 4.959 min Scan# 1505
Delta R.T. -0.007 min
Lab File: VL043257.D
Acq: 20 Nov 2025 10:14



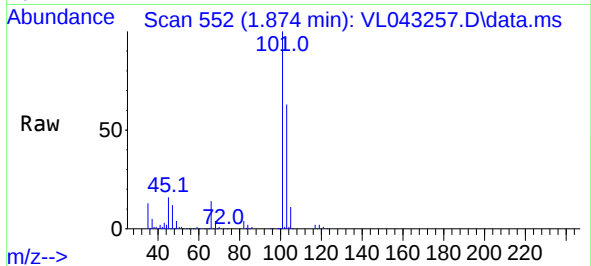
Tgt Ion: 43 Resp: 156253
Ion Ratio Lower Upper
43 100
57 53.2 39.7 59.5





#11
Trichlorofluoromethane
Concen: 12.083 ppbv
RT: 1.874 min Scan# 511
Delta R.T. -0.000 min
Lab File: VL043257.D
Acq: 20 Nov 2025 10:14

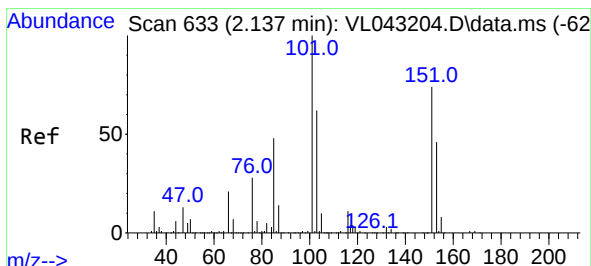
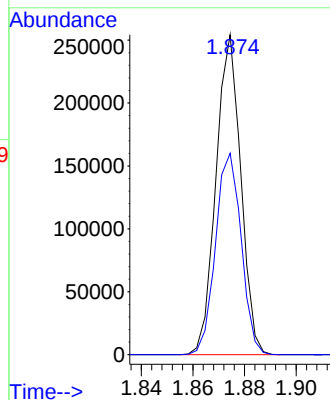
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:101 Resp: 169670
Ion Ratio Lower Upper
101 100
103 63.0 52.6 79.0

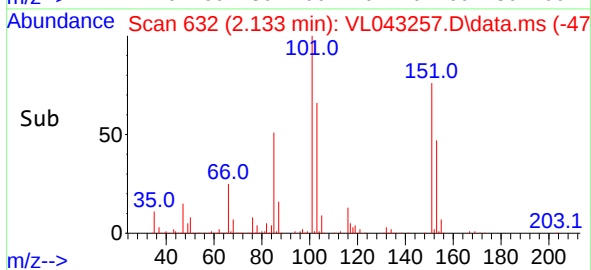
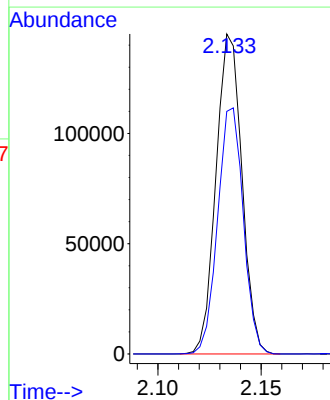
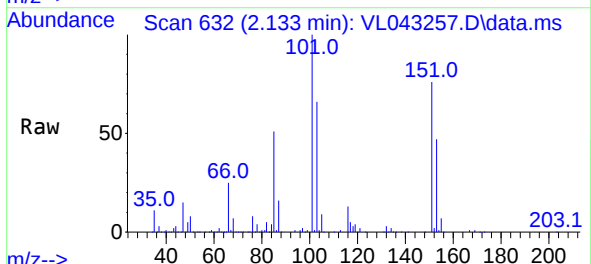
Manual Integrations
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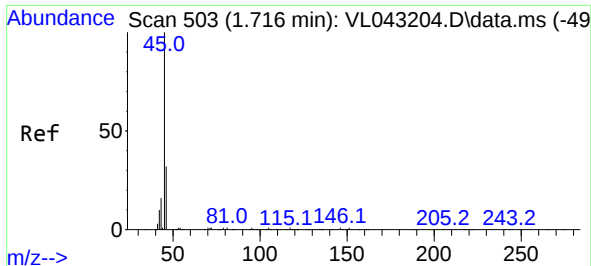
Reviewed By :Semsettin Yesilyurt 11/21/2025
Supervised By :Mahesh Dadoda 11/21/2025



#12
1,1,2-Trichlorotrifluoroethane
Concen: 11.553 ppbv
RT: 2.133 min Scan# 632
Delta R.T. -0.003 min
Lab File: VL043257.D
Acq: 20 Nov 2025 10:14

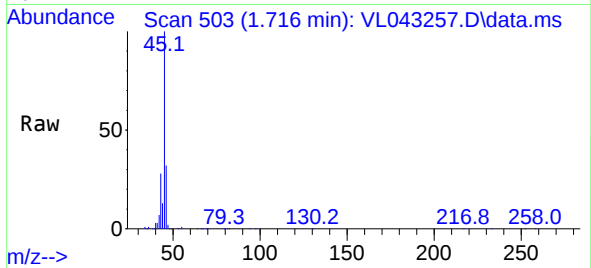
Tgt Ion:101 Resp: 126654
Ion Ratio Lower Upper
101 100
151 76.2 59.2 88.8





#13
Ethanol
Concen: 7.973 ppbv
RT: 1.716 min Scan# 503
Delta R.T. -0.000 min
Lab File: VL043257.D
Acq: 20 Nov 2025 10:14

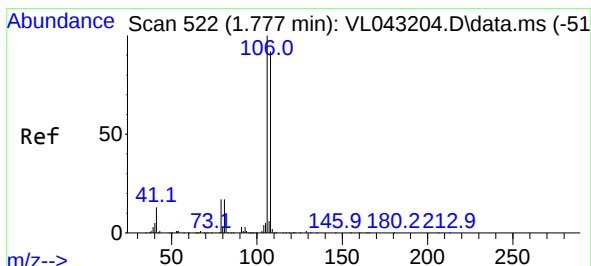
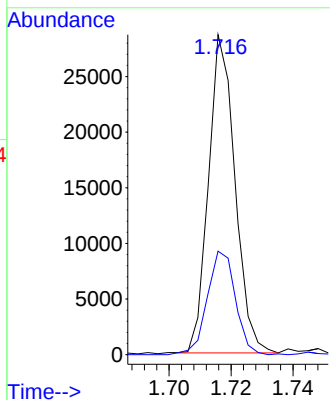
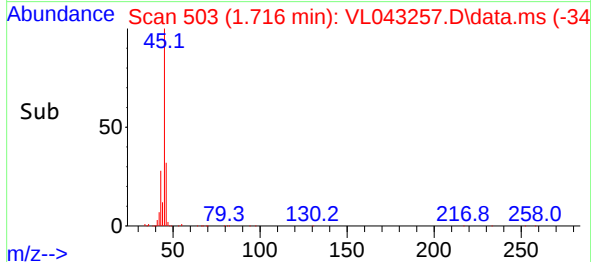
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



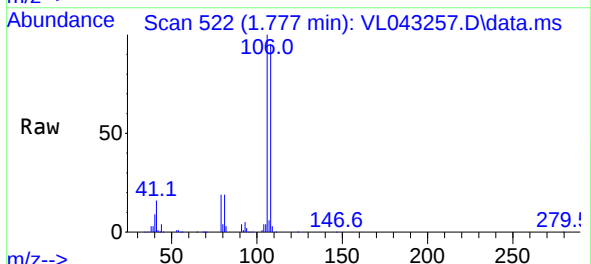
Tgt Ion: 45 Resp: 16970
Ion Ratio Lower Upper
45 100
46 34.5 15.0 59.8

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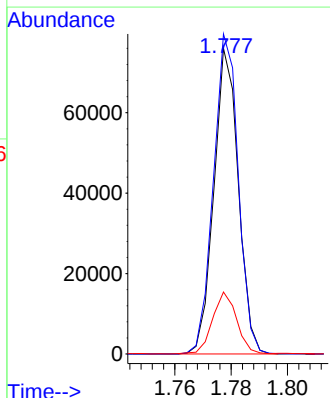
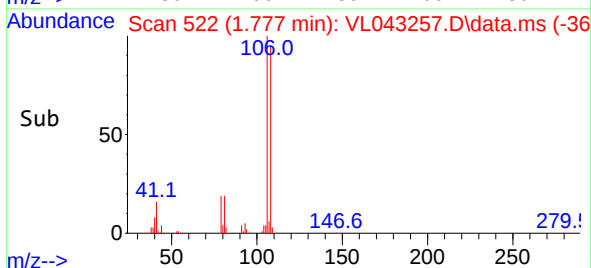
Reviewed By :Semsettin Yesilyurt 11/21/2025
Supervised By :Mahesh Dadoda 11/21/2025

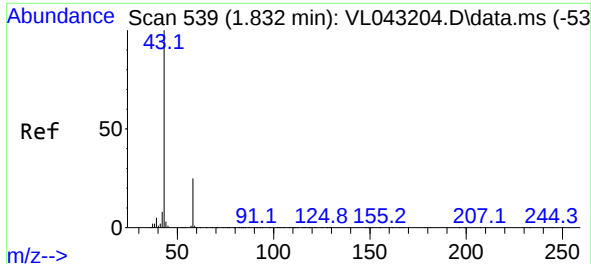


#14
Bromoethene
Concen: 10.897 ppbv
RT: 1.777 min Scan# 522
Delta R.T. -0.000 min
Lab File: VL043257.D
Acq: 20 Nov 2025 10:14



Tgt Ion:108 Resp: 45797
Ion Ratio Lower Upper
108 100
106 106.5 88.9 133.3
79 20.6 16.5 24.7





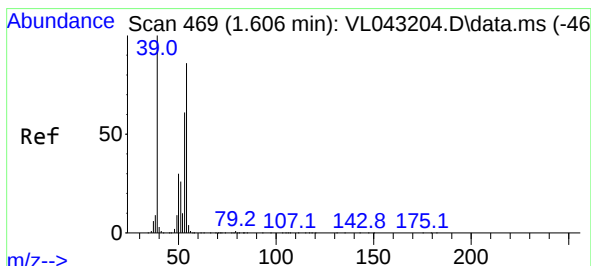
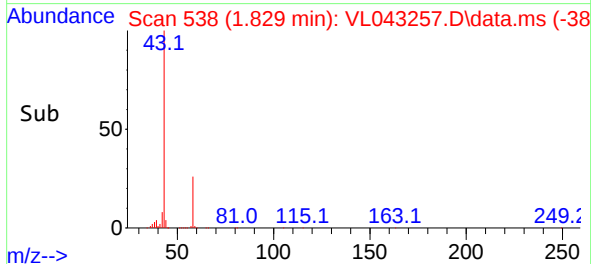
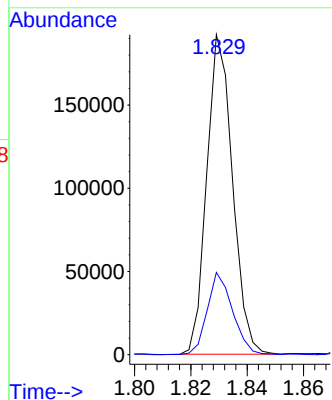
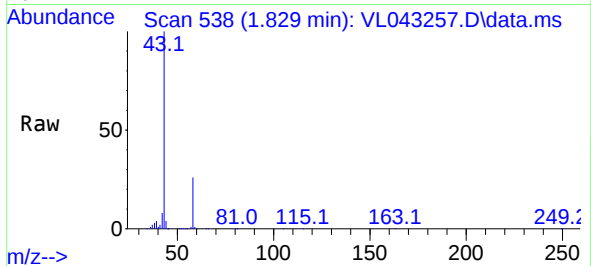
#15
Acetone
Concen: 8.547 ppbv
RT: 1.829 min Scan# 51
Delta R.T. -0.003 min
Lab File: VL043257.D
Acq: 20 Nov 2025 10:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 12202
Ion Ratio Lower Upper
43 100
58 25.6 20.7 31.1

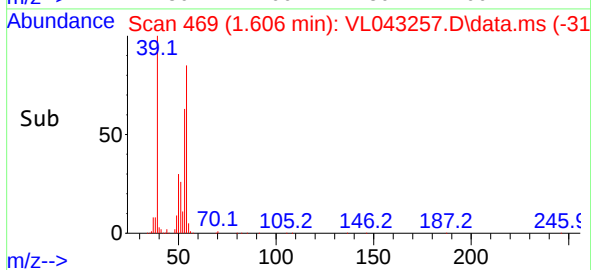
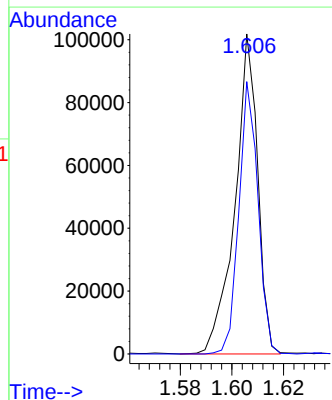
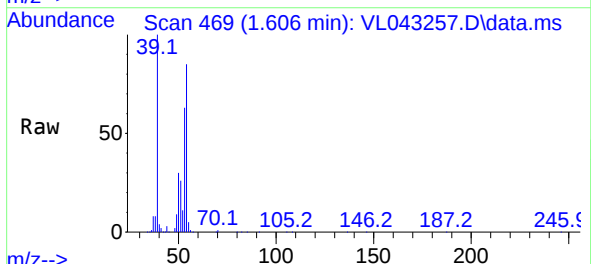
Manual Integrations
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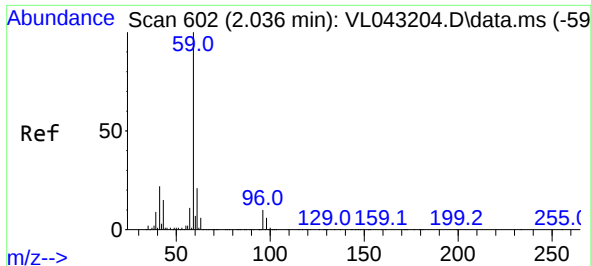
Reviewed By :Semsettin Yesilyurt 11/21/2025
Supervised By :Mahesh Dadoda 11/21/2025



#16
1,3-Butadiene
Concen: 9.794 ppbv
RT: 1.606 min Scan# 469
Delta R.T. -0.000 min
Lab File: VL043257.D
Acq: 20 Nov 2025 10:14

Tgt Ion: 39 Resp: 62334
Ion Ratio Lower Upper
39 100
54 71.9 59.4 89.2





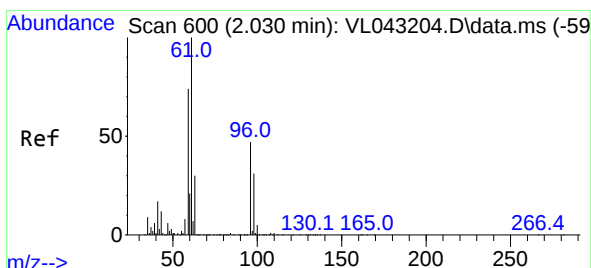
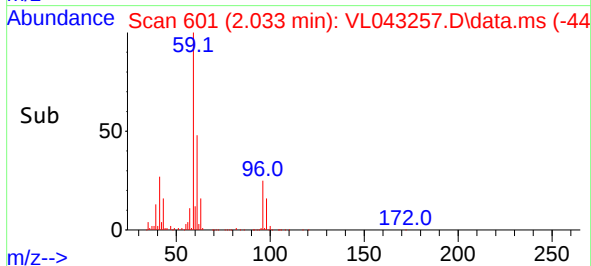
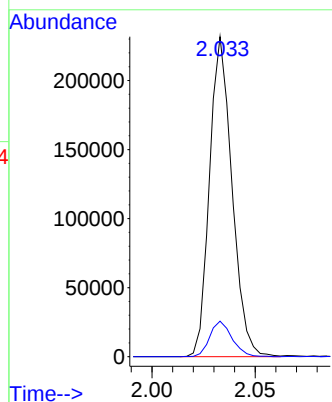
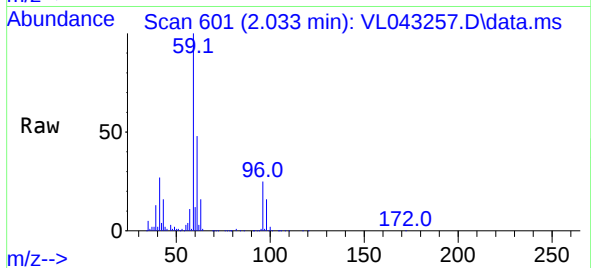
#17
tert-Butyl alcohol
Concen: 9.372 ppbv
RT: 2.033 min Scan# 602
Delta R.T. -0.003 min
Lab File: VL043257.D
Acq: 20 Nov 2025 10:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 59 Resp: 175620
Ion Ratio Lower Upper
59 100
57 11.1 9.0 13.4

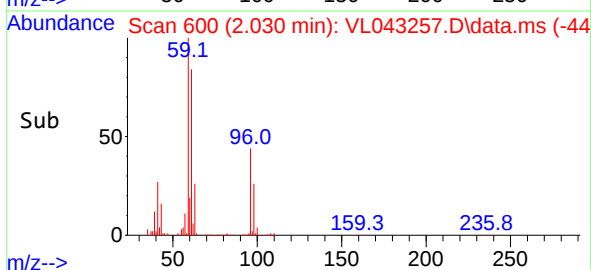
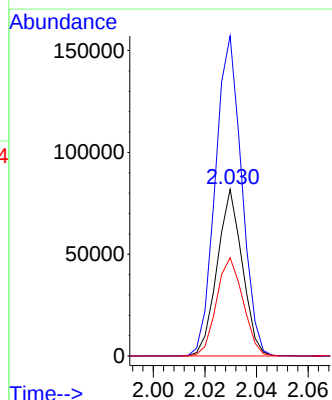
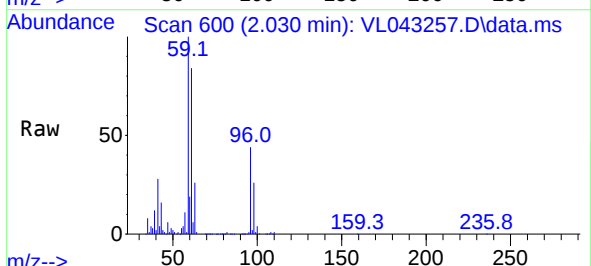
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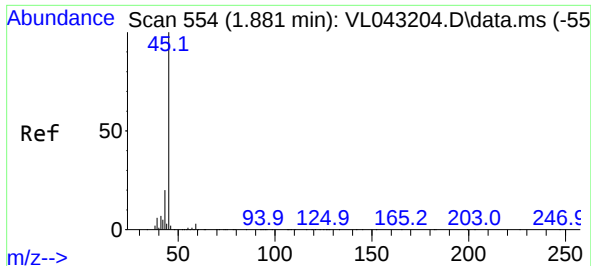
Reviewed By :Semsettin Yesilyurt 11/21/2025
Supervised By :Mahesh Dadoda 11/21/2025



#18
1,1-Dichloroethene
Concen: 10.857 ppbv
RT: 2.030 min Scan# 600
Delta R.T. -0.000 min
Lab File: VL043257.D
Acq: 20 Nov 2025 10:14

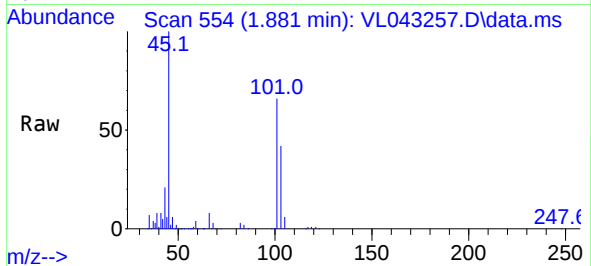
Tgt Ion: 96 Resp: 55419
Ion Ratio Lower Upper
96 100
61 192.0 170.6 255.8
98 58.9 52.2 78.4





#19
Isopropyl Alcohol
Concen: 8.996 ppbv
RT: 1.881 min Scan# 554
Delta R.T. -0.000 min
Lab File: VL043257.D
Acq: 20 Nov 2025 10:14

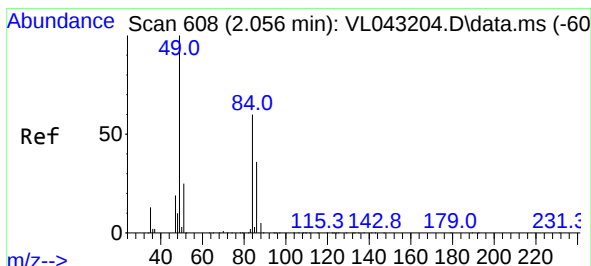
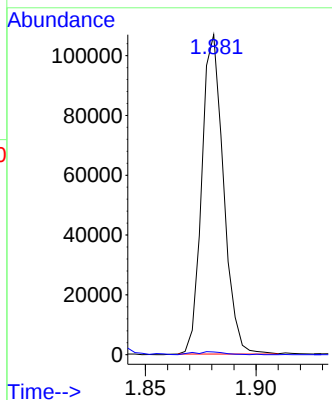
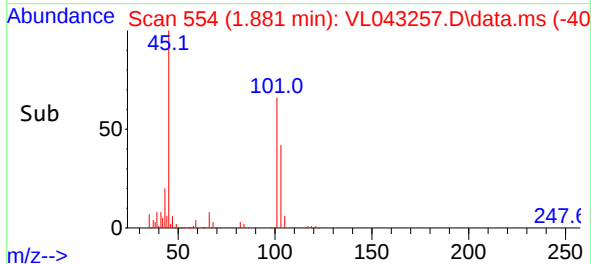
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



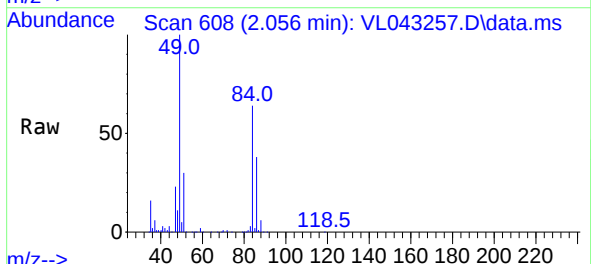
Tgt Ion: 45 Resp: 7257
Ion Ratio Lower Upper
45 100
58 43.1 31.3 46.9

Manual Integrations
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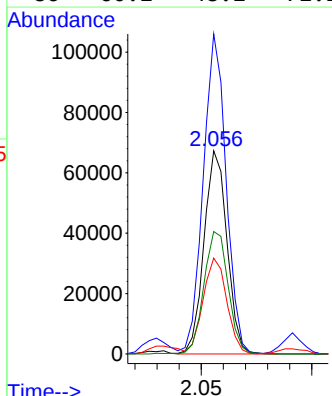
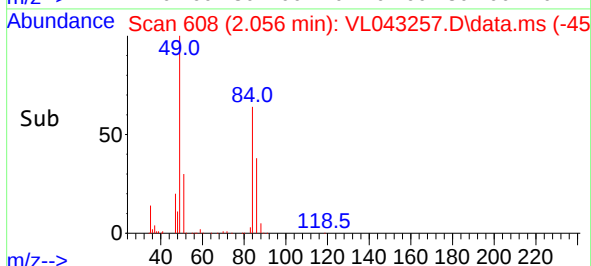
Reviewed By :Semsettin Yesilyurt 11/21/2025
Supervised By :Mahesh Dadoda 11/21/2025

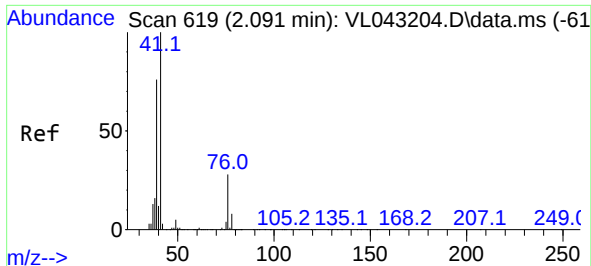


#20
Methylene Chloride
Concen: 11.659 ppbv
RT: 2.056 min Scan# 608
Delta R.T. -0.000 min
Lab File: VL043257.D
Acq: 20 Nov 2025 10:14



Tgt Ion: 84 Resp: 48499
Ion Ratio Lower Upper
84 100
49 155.9 132.9 199.3
51 45.7 34.8 52.2
86 60.2 48.2 72.2





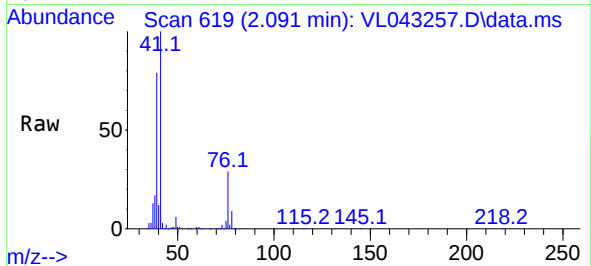
#21
 Allyl Chloride
 Concen: 8.720 ppbv
 RT: 2.091 min Scan# 619
 Delta R.T. -0.000 min
 Lab File: VL043257.D
 Acq: 20 Nov 2025 10:14

Instrument :

MSVOA_L

ClientSampleId :

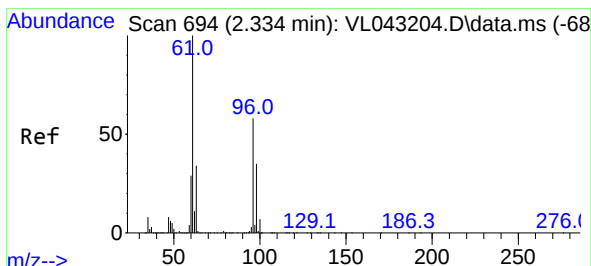
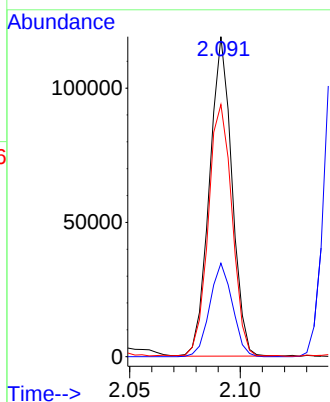
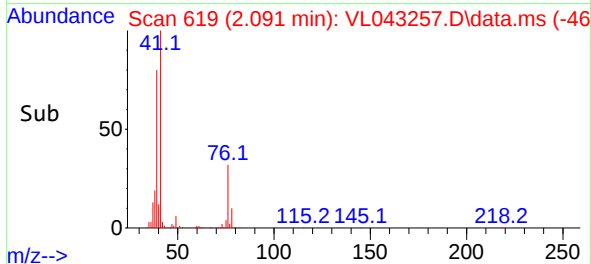
VSTDCCC010



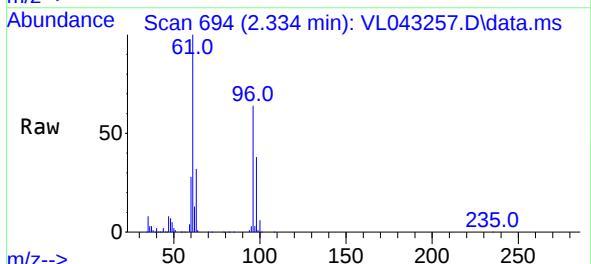
Tgt Ion: 41 Resp: 8376
 Ion Ratio Lower Upper
 41 100
 76 29.6 22.1 33.1
 39 83.6 61.0 91.4

Manual Integrations
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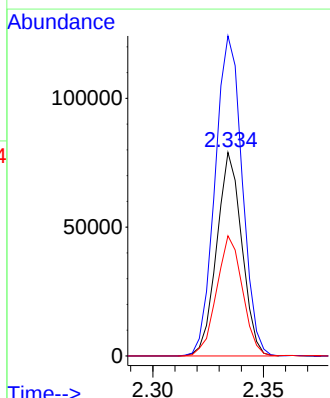
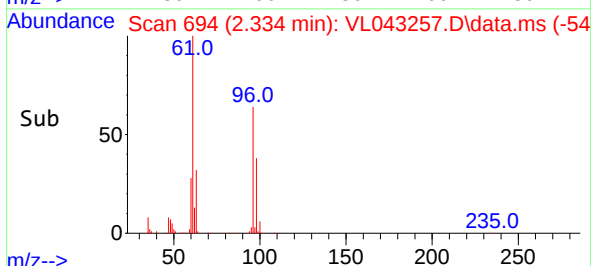
Reviewed By :Semsettin Yesilyurt 11/21/2025
 Supervised By :Mahesh Dadoda 11/21/2025

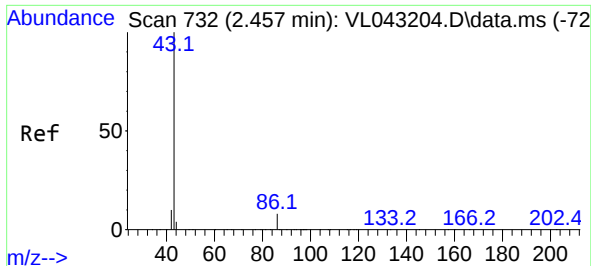


#22
 trans-1,2-Dichloroethene
 Concen: 10.711 ppbv
 RT: 2.334 min Scan# 694
 Delta R.T. -0.000 min
 Lab File: VL043257.D
 Acq: 20 Nov 2025 10:14



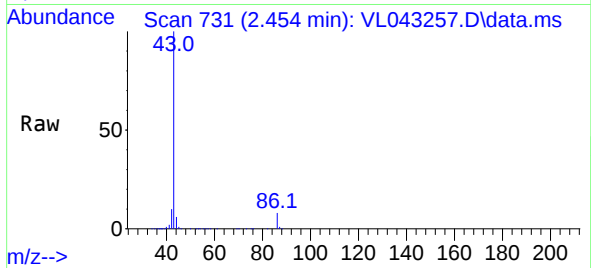
Tgt Ion: 96 Resp: 62490
 Ion Ratio Lower Upper
 96 100
 61 157.2 139.0 208.6
 98 59.1 49.4 74.2





#23
 Vinyl Acetate
 Concen: 9.148 ppbv
 RT: 2.454 min Scan# 715
 Delta R.T. -0.003 min
 Lab File: VL043257.D
 Acq: 20 Nov 2025 10:14

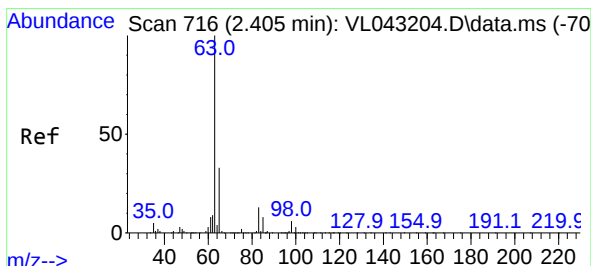
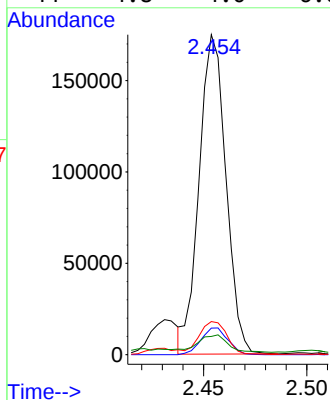
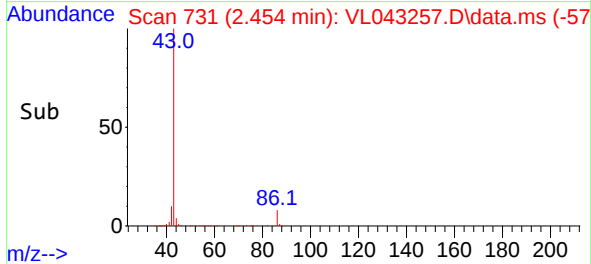
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion: 43 Resp: 157670
 Ion Ratio Lower Upper
 43 100
 86 8.3 6.2 9.2
 42 10.2 8.0 12.0
 44 4.8 4.0 6.0

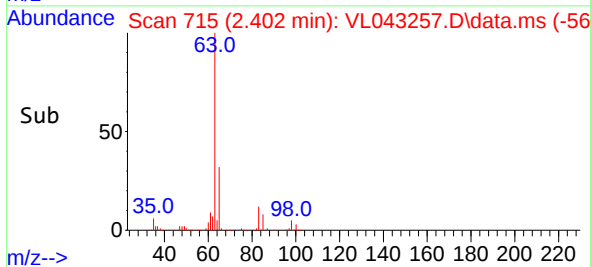
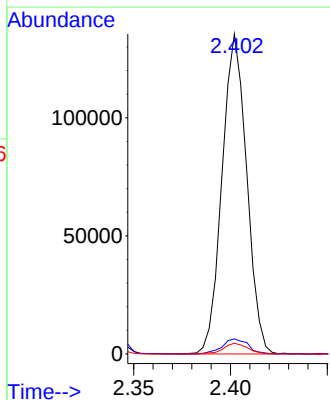
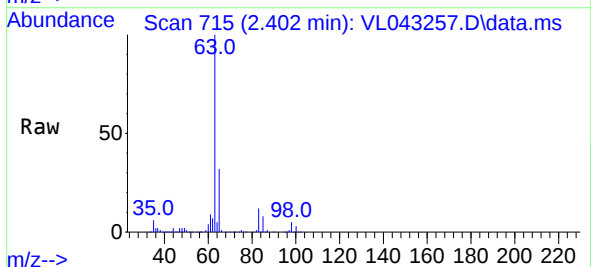
Manual Integrations
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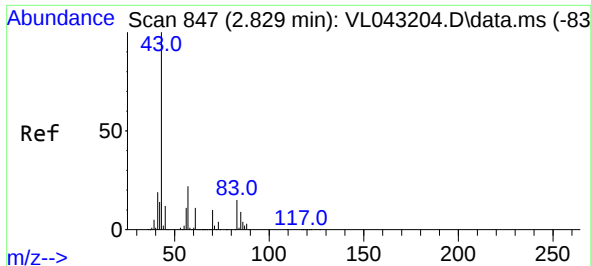
Reviewed By :Semsettin Yesilyurt 11/21/2025
 Supervised By :Mahesh Dadoda 11/21/2025



#24
 1,1-Dichloroethane
 Concen: 10.625 ppbv
 RT: 2.402 min Scan# 715
 Delta R.T. -0.003 min
 Lab File: VL043257.D
 Acq: 20 Nov 2025 10:14

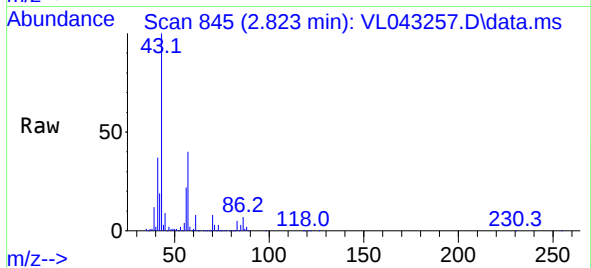
Tgt Ion: 63 Resp: 119663
 Ion Ratio Lower Upper
 63 100
 98 4.6 2.8 8.4
 100 3.4 1.3 3.9





#25
Ethyl Acetate
Concen: 9.287 ppbv
RT: 2.823 min Scan# 847
Delta R.T. -0.007 min
Lab File: VL043257.D
Acq: 20 Nov 2025 10:14

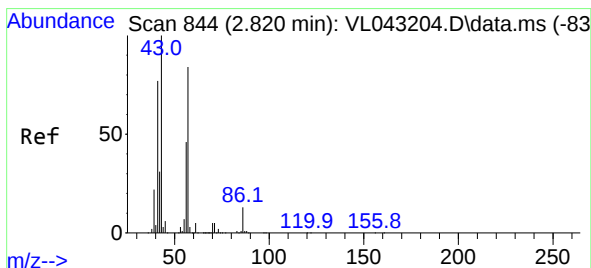
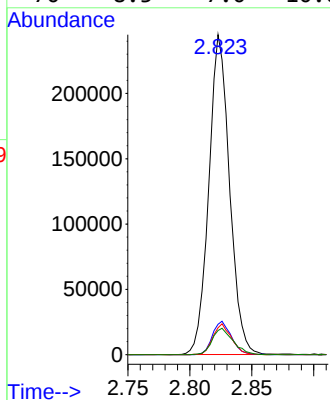
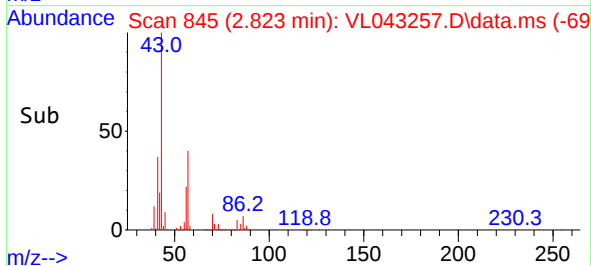
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



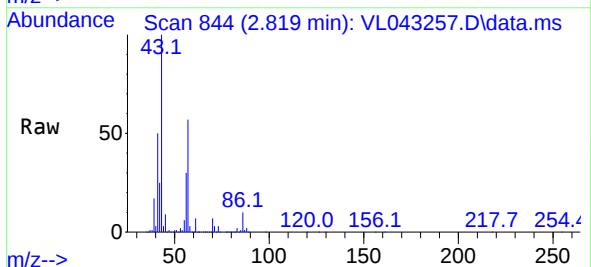
Tgt Ion: 43 Resp: 285972
Ion Ratio Lower Upper
43 100
45 9.5 8.1 12.1
61 8.7 7.0 10.4
70 8.3 7.0 10.6

Manual Integrations
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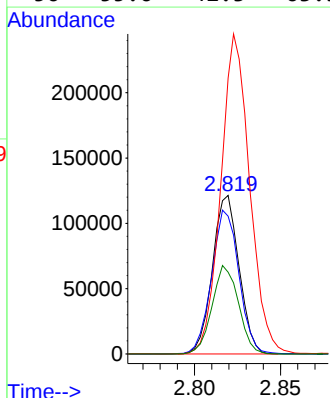
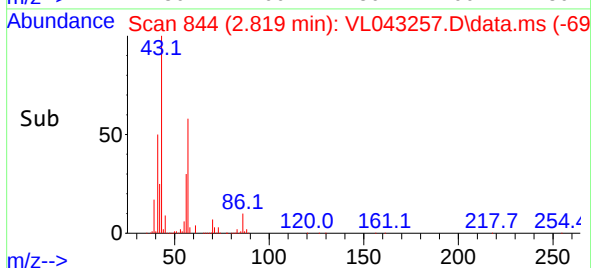
Reviewed By :Semsettin Yesilyurt 11/21/2025
Supervised By :Mahesh Dadoda 11/21/2025

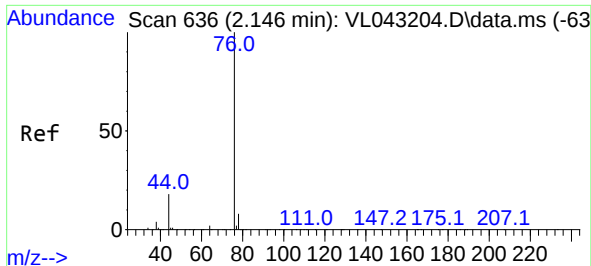


#26
Hexane
Concen: 9.630 ppbv
RT: 2.819 min Scan# 844
Delta R.T. -0.000 min
Lab File: VL043257.D
Acq: 20 Nov 2025 10:14



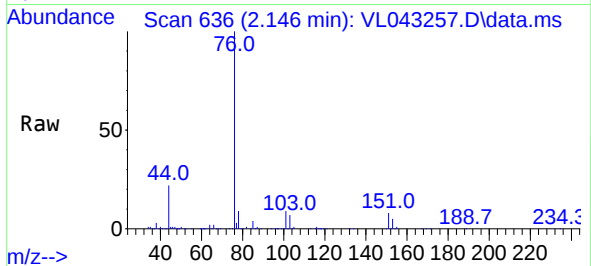
Tgt Ion: 57 Resp: 130004
Ion Ratio Lower Upper
57 100
41 94.0 74.6 111.8
43 220.7 179.0 268.4
56 55.6 42.3 63.5





#27
Carbon Disulfide
Concen: 10.920 ppbv
RT: 2.146 min Scan# 611
Delta R.T. -0.000 min
Lab File: VL043257.D
Acq: 20 Nov 2025 10:14

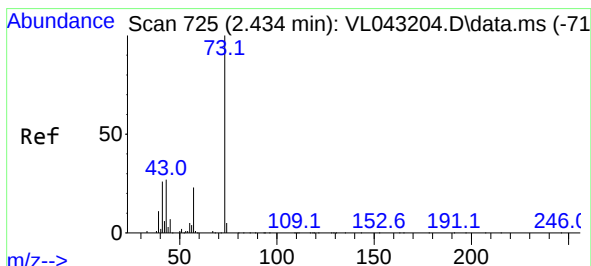
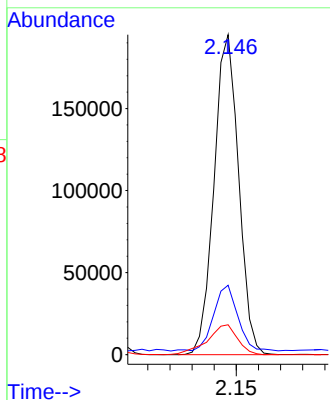
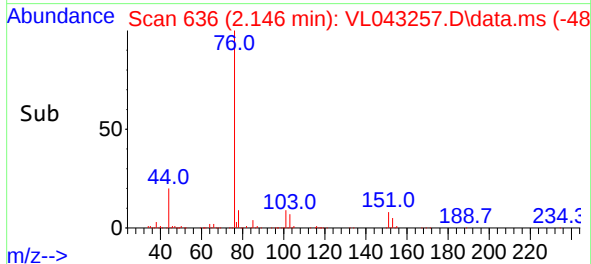
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



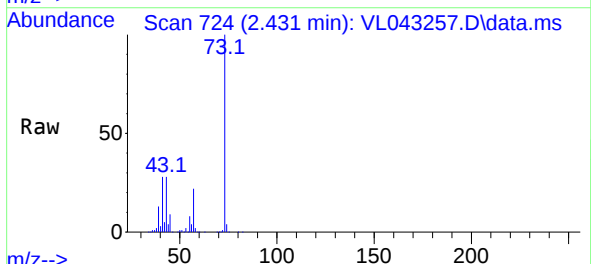
Tgt Ion: 76 Resp: 150498
Ion Ratio Lower Upper
76 100
44 20.6 16.1 24.1
78 11.4 9.6 14.4

Manual Integrations
APPROVED

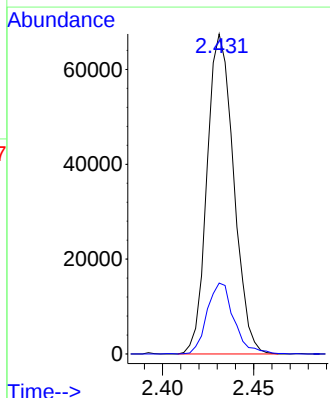
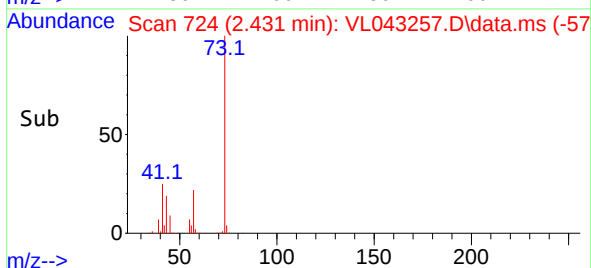
Reviewed By :Semsettin Yesilyurt 11/21/2025
Supervised By :Mahesh Dadoda 11/21/2025

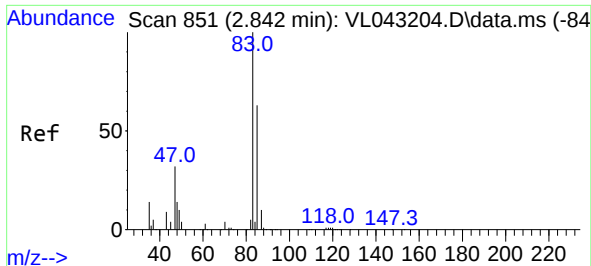


#28
Methyl tert-Butyl Ether
Concen: 10.352 ppbv
RT: 2.431 min Scan# 724
Delta R.T. -0.003 min
Lab File: VL043257.D
Acq: 20 Nov 2025 10:14



Tgt Ion: 73 Resp: 68600
Ion Ratio Lower Upper
73 100
57 22.4 19.8 29.8





#29

Chloroform

Concen: 11.429 ppbv

RT: 2.839 min Scan# 851

Delta R.T. -0.003 min

Lab File: VL043257.D

Acq: 20 Nov 2025 10:14

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 83 Resp: 21929

Ion Ratio Lower Upper

83 100

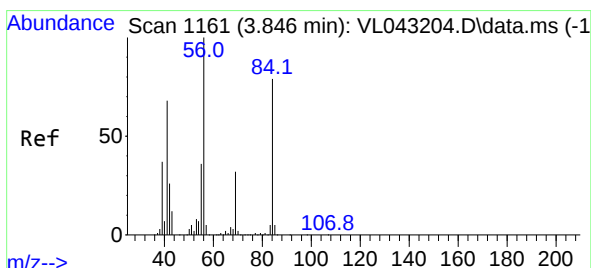
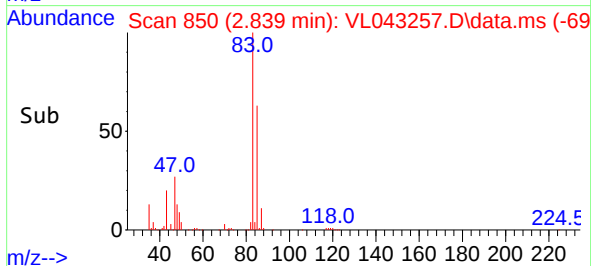
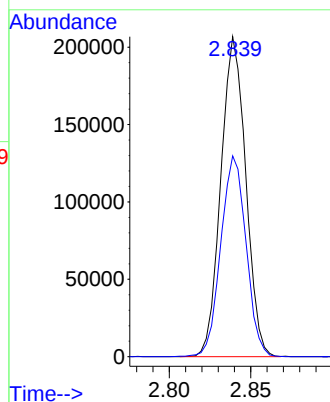
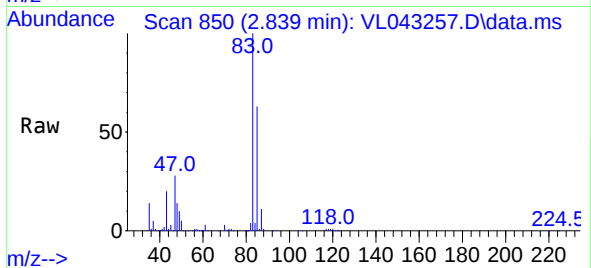
85 62.7 50.5 75.7

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/21/2025

Supervised By :Mahesh Dadoda 11/21/2025



#30

Cyclohexane

Concen: 9.685 ppbv

RT: 3.845 min Scan# 1161

Delta R.T. -0.000 min

Lab File: VL043257.D

Acq: 20 Nov 2025 10:14

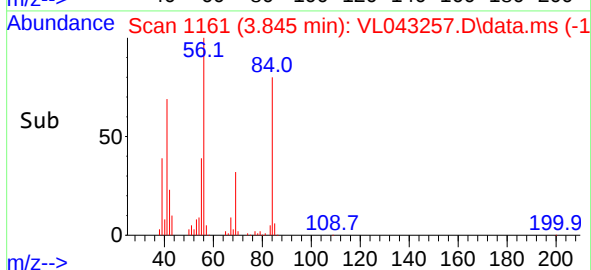
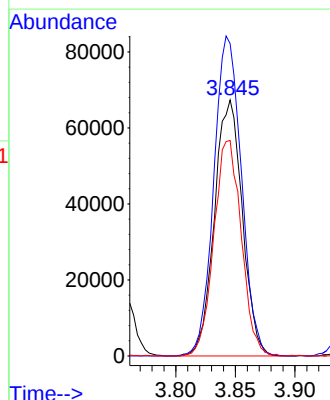
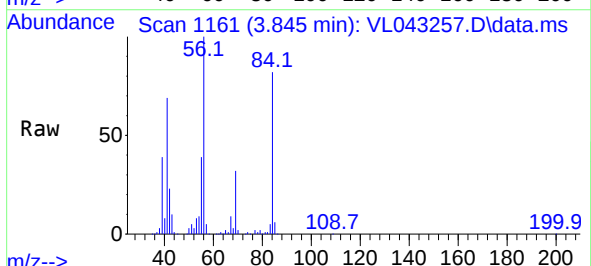
Tgt Ion: 84 Resp: 109617

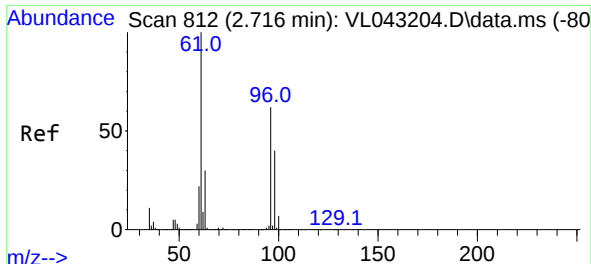
Ion Ratio Lower Upper

84 100

56 123.4 104.7 157.1

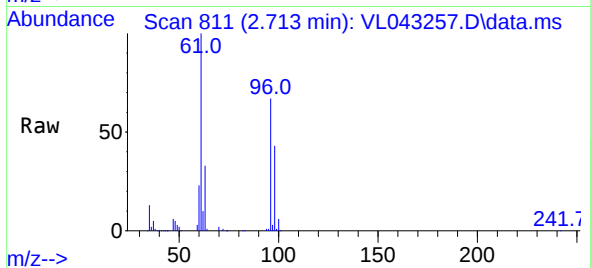
41 82.9 69.0 103.6





#31
 cis-1,2-Dichloroethene
 Concen: 10.277 ppbv
 RT: 2.713 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VL043257.D
 Acq: 20 Nov 2025 10:14

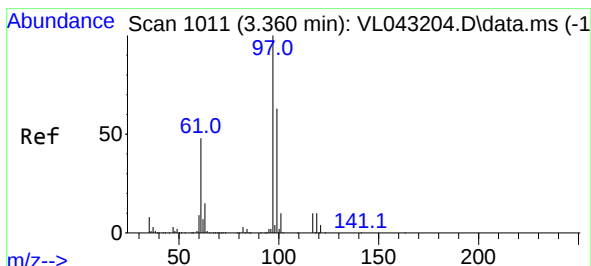
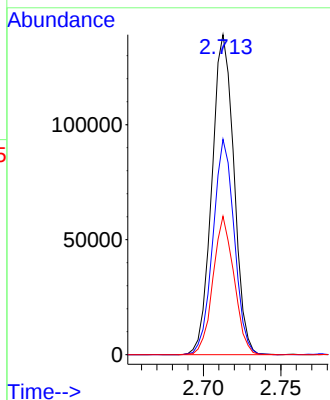
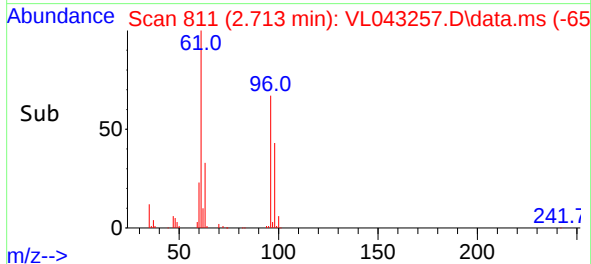
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



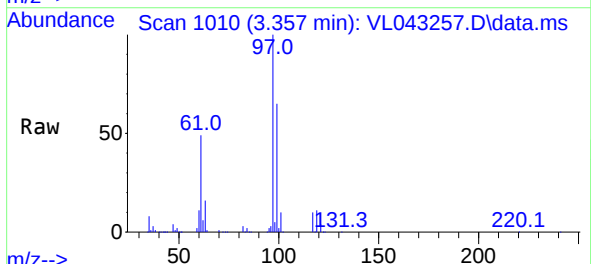
Tgt Ion: 61 Resp: 13789
 Ion Ratio Lower Upper
 61 100
 96 67.3 49.3 73.9
 98 43.2 32.1 48.1

Manual Integrations
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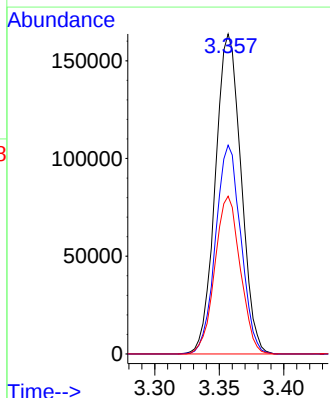
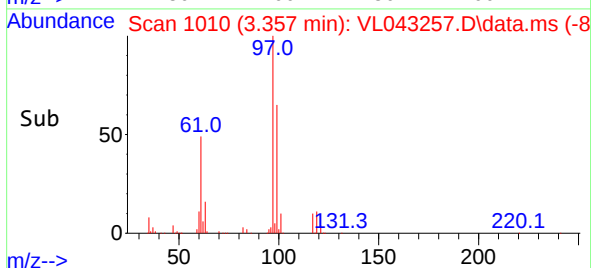
Reviewed By :Semsettin Yesilyurt 11/21/2025
 Supervised By :Mahesh Dadoda 11/21/2025

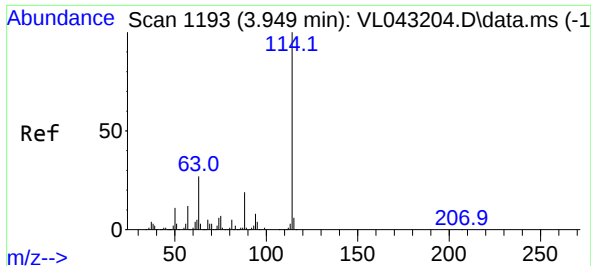


#32
 1,1,1-Trichloroethane
 Concen: 11.079 ppbv
 RT: 3.357 min Scan# 1010
 Delta R.T. -0.003 min
 Lab File: VL043257.D
 Acq: 20 Nov 2025 10:14



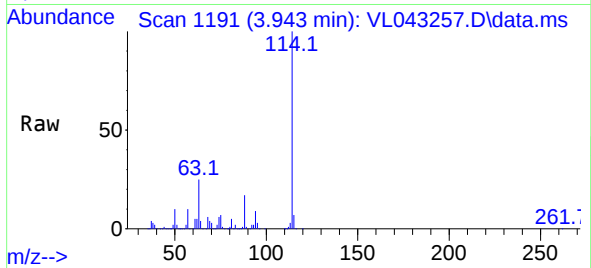
Tgt Ion: 97 Resp: 226600
 Ion Ratio Lower Upper
 97 100
 99 64.1 50.3 75.5
 61 48.8 38.9 58.3





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.943 min Scan# 1193
Delta R.T. -0.007 min
Lab File: VL043257.D
Acq: 20 Nov 2025 10:14

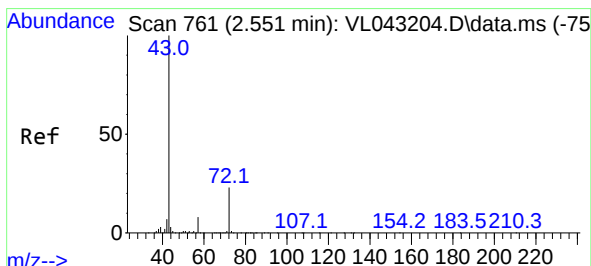
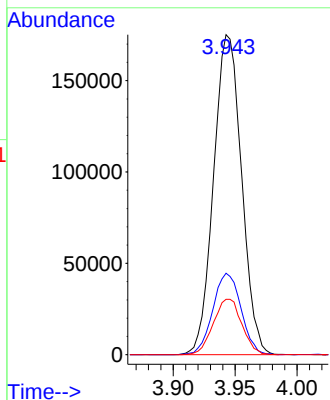
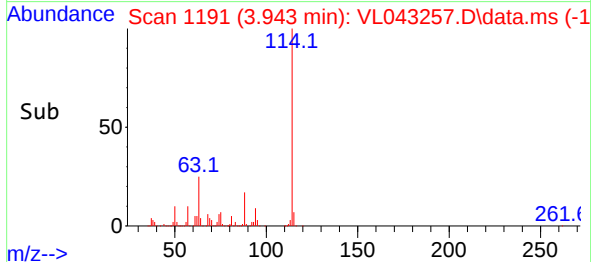
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:114 Resp: 27559
Ion Ratio Lower Upper
114 100
63 25.7 21.0 31.6
88 17.7 14.9 22.3

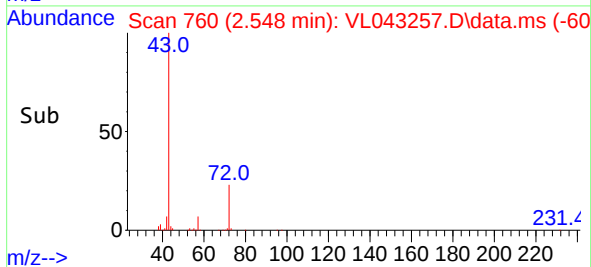
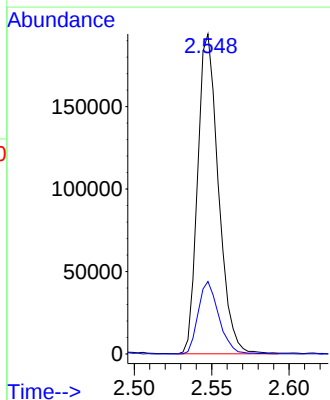
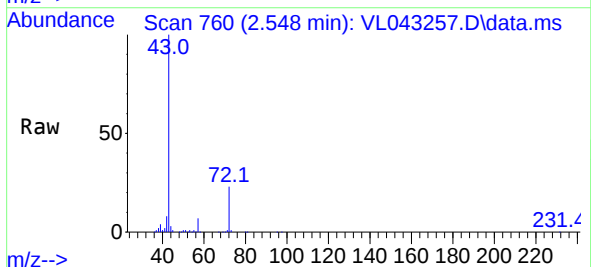
Manual Integrations
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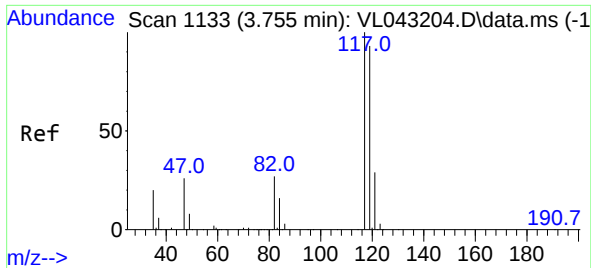
Reviewed By :Semsettin Yesilyurt 11/21/2025
Supervised By :Mahesh Dadoda 11/21/2025



#34
2-Butanone
Concen: 9.303 ppbv
RT: 2.548 min Scan# 760
Delta R.T. -0.003 min
Lab File: VL043257.D
Acq: 20 Nov 2025 10:14

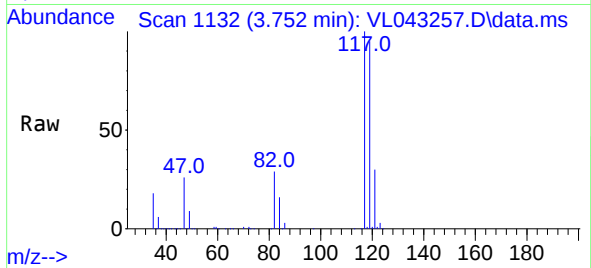
Tgt Ion: 43 Resp: 180979
Ion Ratio Lower Upper
43 100
72 22.6 18.1 27.1





#35
Carbon Tetrachloride
Concen: 11.356 ppbv
RT: 3.752 min Scan# 1133
Delta R.T. -0.003 min
Lab File: VL043257.D
Acq: 20 Nov 2025 10:14

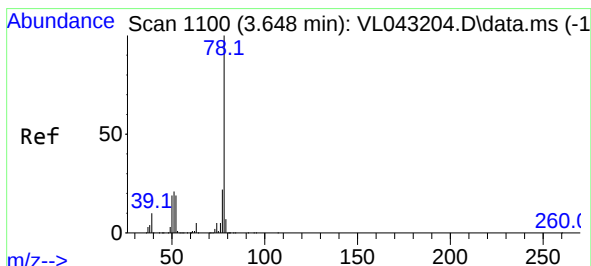
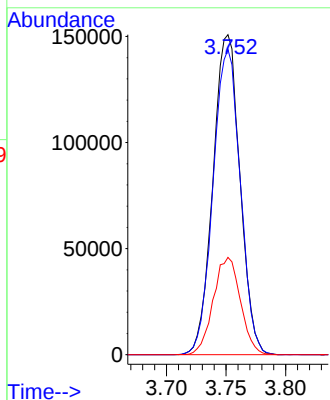
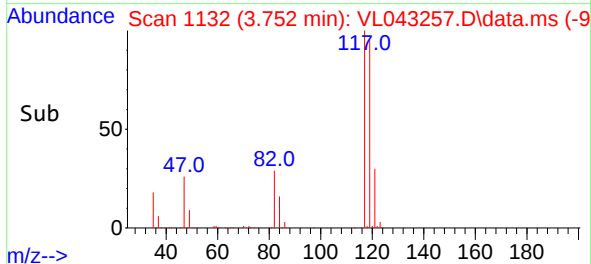
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



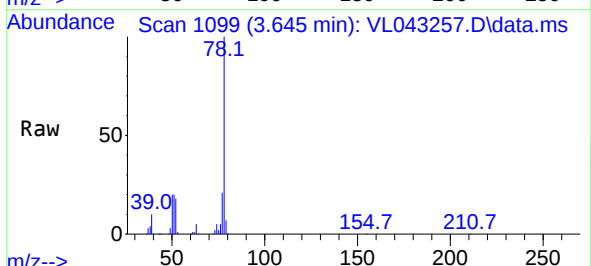
Tgt Ion: 117 Resp: 237548
Ion Ratio Lower Upper
117 100
119 95.3 74.6 112.0
121 30.4 23.2 34.8

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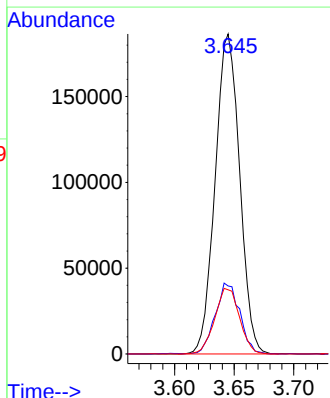
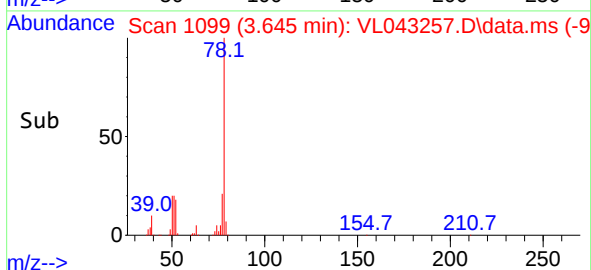
Reviewed By :Semsettin Yesilyurt 11/21/2025
Supervised By :Mahesh Dadoda 11/21/2025

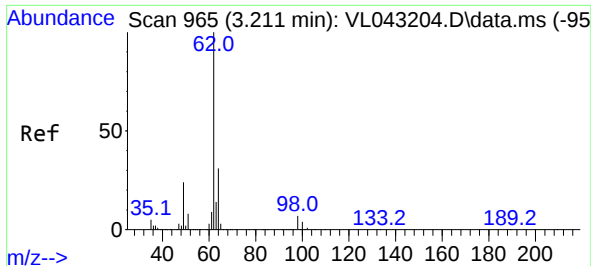


#36
Benzene
Concen: 10.078 ppbv
RT: 3.645 min Scan# 1099
Delta R.T. -0.003 min
Lab File: VL043257.D
Acq: 20 Nov 2025 10:14



Tgt Ion: 78 Resp: 265981
Ion Ratio Lower Upper
78 100
77 21.3 17.5 26.3
50 20.0 15.5 23.3





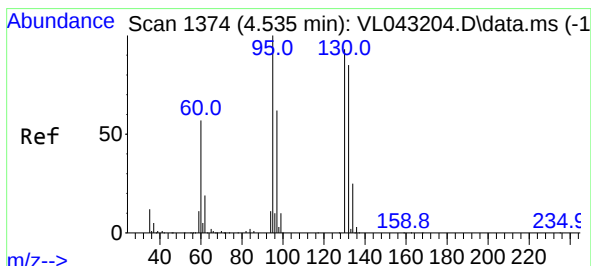
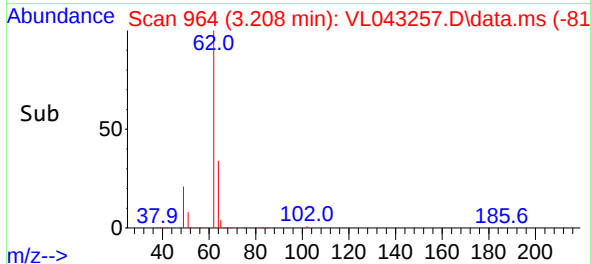
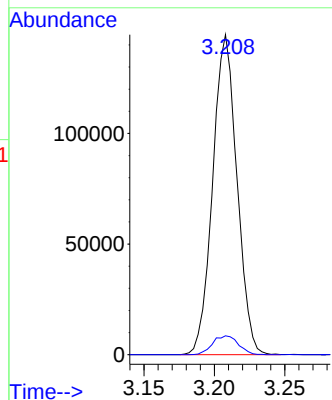
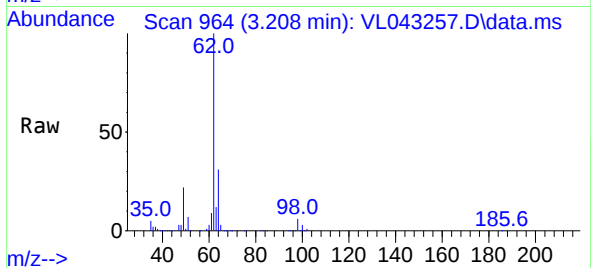
#37
1,2-Dichloroethane
Concen: 11.229 ppbv
RT: 3.208 min Scan# 964
Delta R.T. -0.003 min
Lab File: VL043257.D
Acq: 20 Nov 2025 10:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 62 Resp: 17334
Ion Ratio Lower Upper
62 100
98 6.3 5.5 8.3

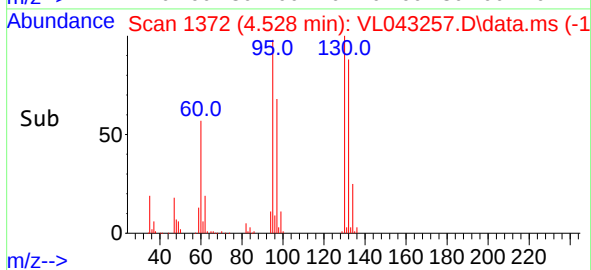
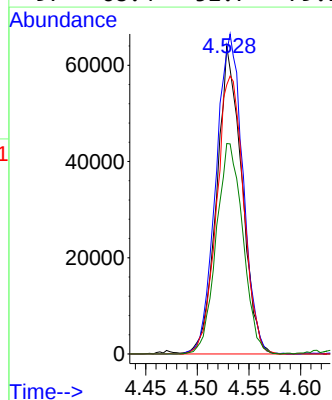
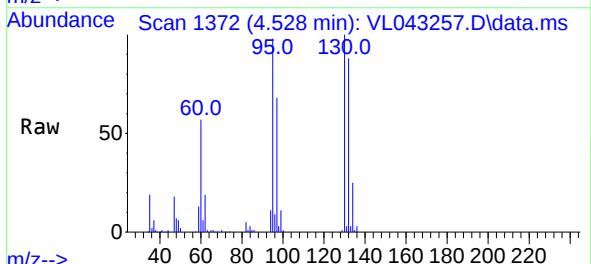
Manual Integrations
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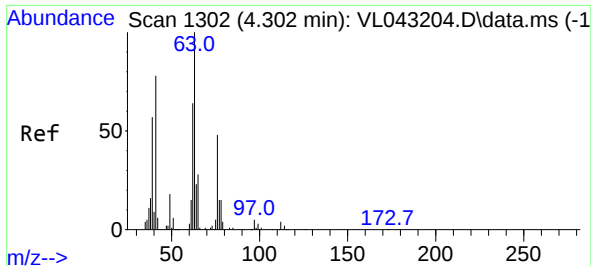
Reviewed By :Semsettin Yesilyurt 11/21/2025
Supervised By :Mahesh Dadoda 11/21/2025



#38
Trichloroethene
Concen: 10.447 ppbv
RT: 4.528 min Scan# 1372
Delta R.T. -0.007 min
Lab File: VL043257.D
Acq: 20 Nov 2025 10:14

Tgt Ion:130 Resp: 107877
Ion Ratio Lower Upper
130 100
95 98.2 85.7 128.5
132 87.6 73.4 110.0
97 68.4 52.7 79.1





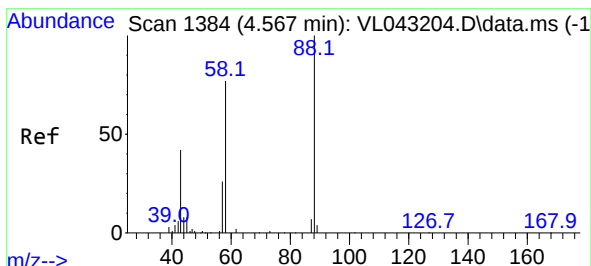
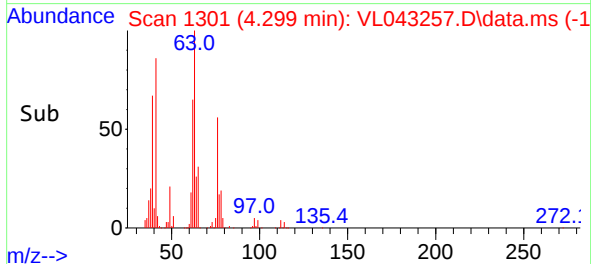
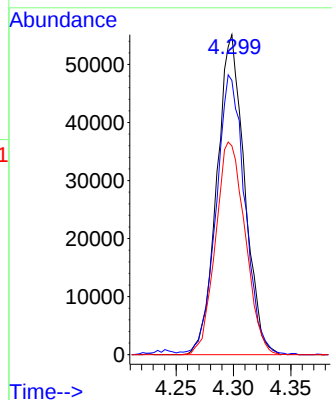
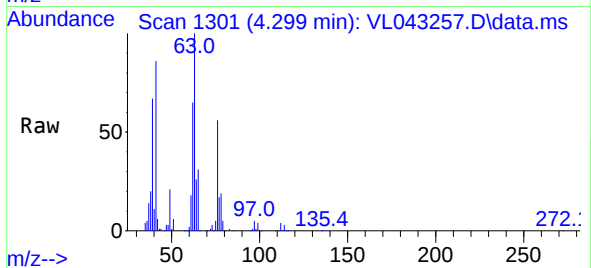
#39
1,2-Dichloropropane
Concen: 9.571 ppbv
RT: 4.299 min Scan# 11
Delta R.T. -0.003 min
Lab File: VL043257.D
Acq: 20 Nov 2025 10:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 63 Resp: 9245
Ion Ratio Lower Upper
63 100
41 84.9 62.6 93.8
62 65.3 51.0 76.6

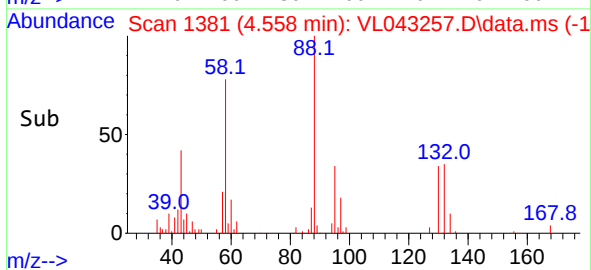
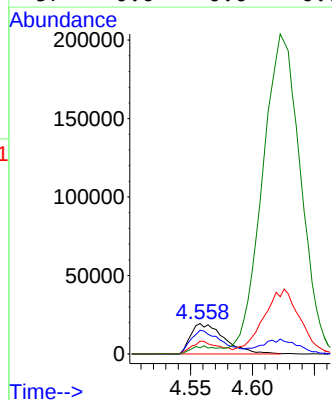
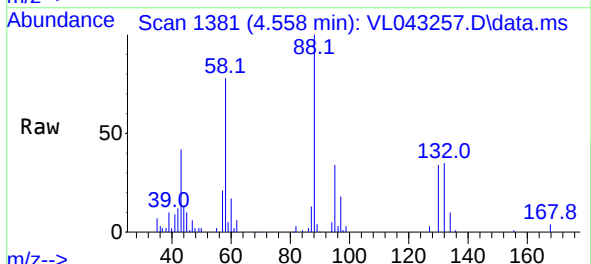
Manual Integrations
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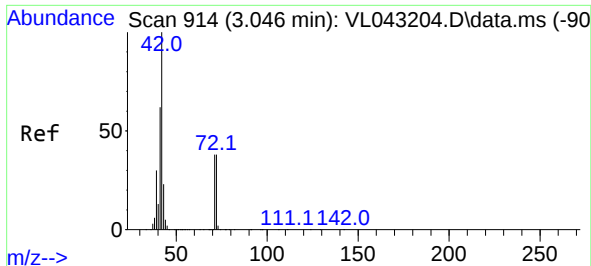
Reviewed By :Semsettin Yesilyurt 11/21/2025
Supervised By :Mahesh Dadoda 11/21/2025



#40
1,4-Dioxane
Concen: 8.418 ppbv
RT: 4.558 min Scan# 1381
Delta R.T. -0.010 min
Lab File: VL043257.D
Acq: 20 Nov 2025 10:14

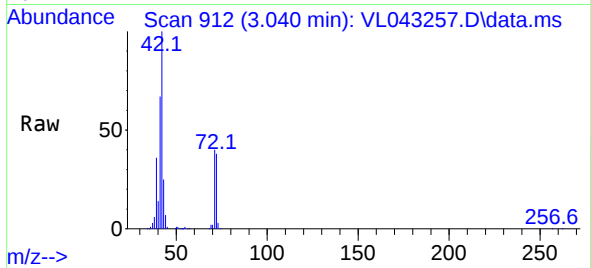
Tgt Ion: 88 Resp: 36555
Ion Ratio Lower Upper
88 100
58 71.5 63.0 94.6
43 35.1 32.5 48.7
57 0.0 0.0 0.0





#41
Tetrahydrofuran
Concen: 8.822 ppbv
RT: 3.040 min Scan# 914
Delta R.T. -0.007 min
Lab File: VL043257.D
Acq: 20 Nov 2025 10:14

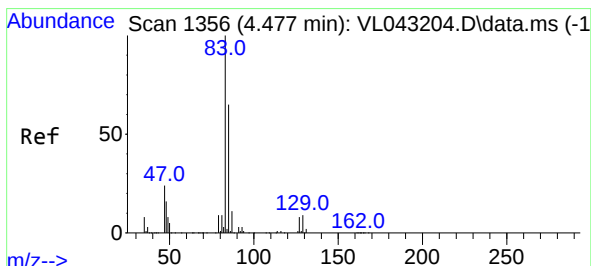
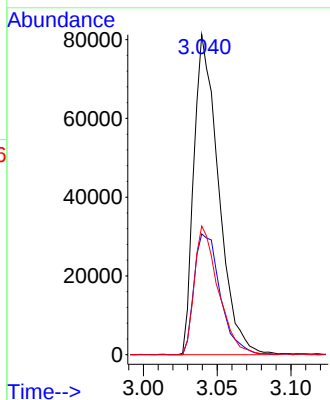
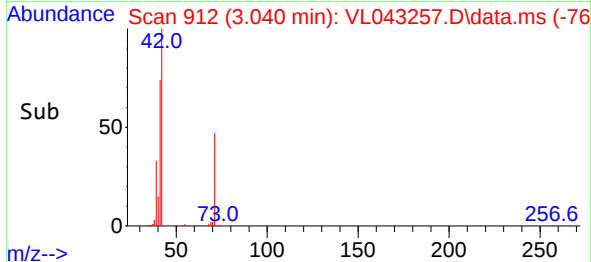
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



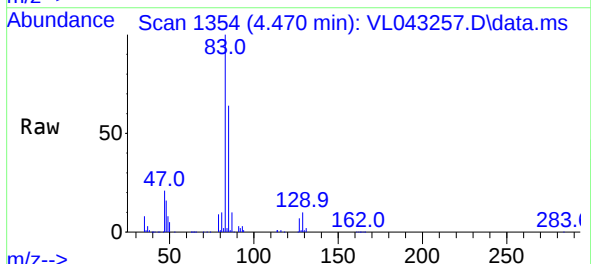
Tgt Ion: 42 Resp: 94770
Ion Ratio Lower Upper
42 100
72 39.9 30.6 46.0
71 39.0 30.5 45.7

Manual Integrations
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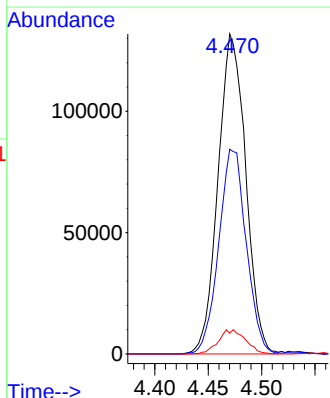
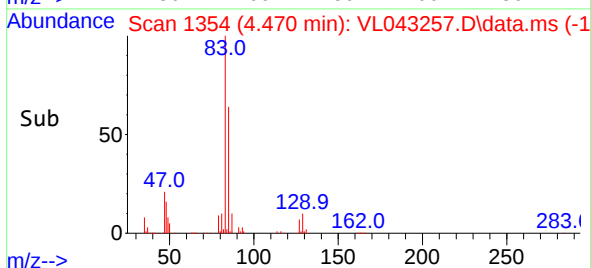
Reviewed By :Semsettin Yesilyurt 11/21/2025
Supervised By :Mahesh Dadoda 11/21/2025

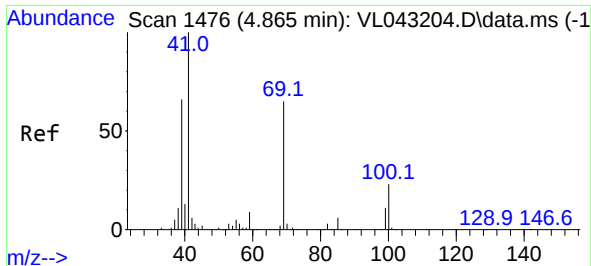


#42
Bromodichloromethane
Concen: 11.152 ppbv
RT: 4.470 min Scan# 1354
Delta R.T. -0.007 min
Lab File: VL043257.D
Acq: 20 Nov 2025 10:14



Tgt Ion: 83 Resp: 237498
Ion Ratio Lower Upper
83 100
85 63.9 51.7 77.5
127 6.5 6.3 9.5





#43

Methyl Methacrylate

Concen: 8.957 ppbv

RT: 4.862 min Scan# 1476

Delta R.T. -0.003 min

Lab File: VL043257.D

Acq: 20 Nov 2025 10:14

Instrument :

MSVOA_L

ClientSampleId :

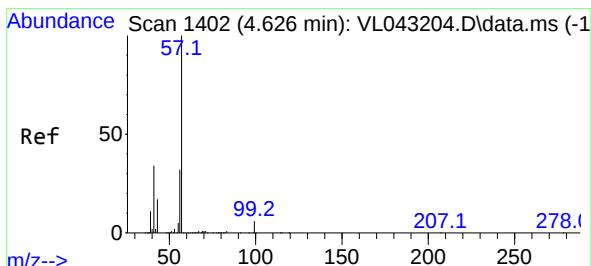
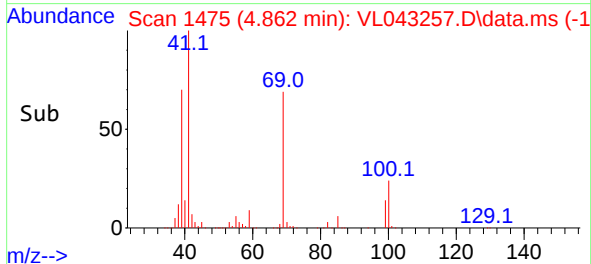
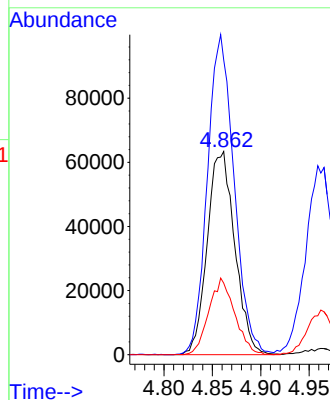
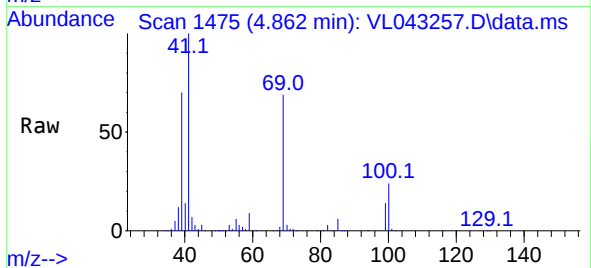
VSTDCCC010

Tgt Ion: 69 Resp: 125480
Ion Ratio Lower Upper
69 100
41 152.5 126.7 190.1
100 35.4 28.6 43.0

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/21/2025
Supervised By :Mahesh Dadoda 11/21/2025



#44

2,2,4-Trimethylpentane

Concen: 9.643 ppbv

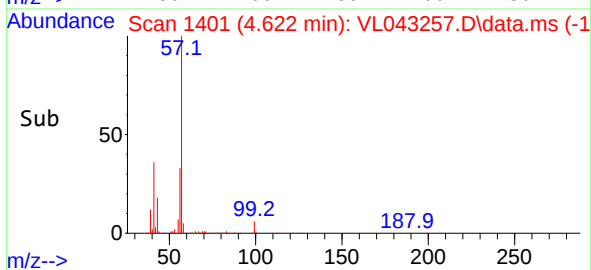
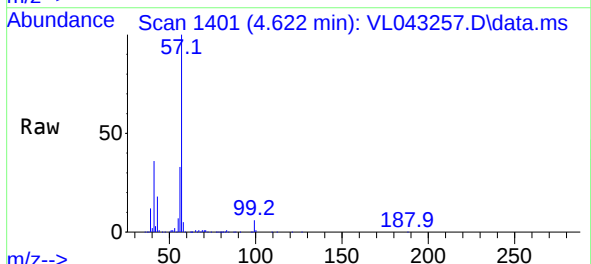
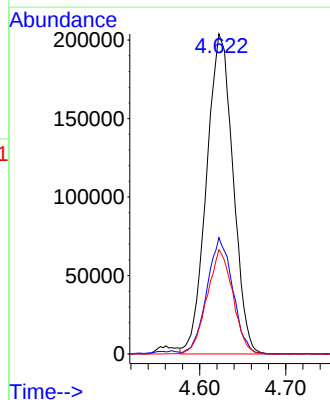
RT: 4.622 min Scan# 1401

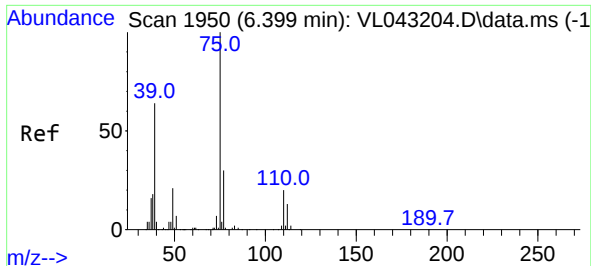
Delta R.T. -0.003 min

Lab File: VL043257.D

Acq: 20 Nov 2025 10:14

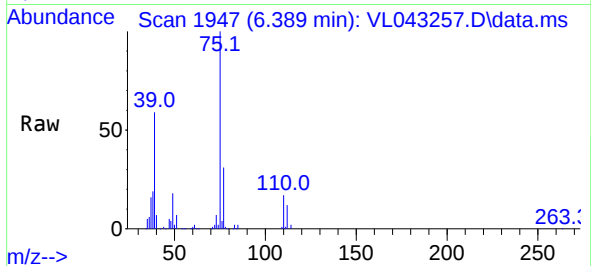
Tgt Ion: 57 Resp: 437108
Ion Ratio Lower Upper
57 100
41 36.3 28.0 42.0
56 31.7 25.6 38.4





#45
t-1,3-Dichloropropene
Concen: 7.675 ppbv
RT: 6.389 min Scan# 1950
Delta R.T. -0.010 min
Lab File: VL043257.D
Acq: 20 Nov 2025 10:14

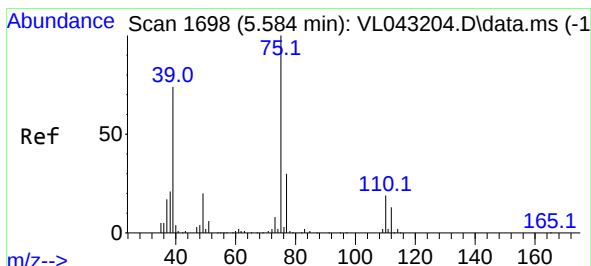
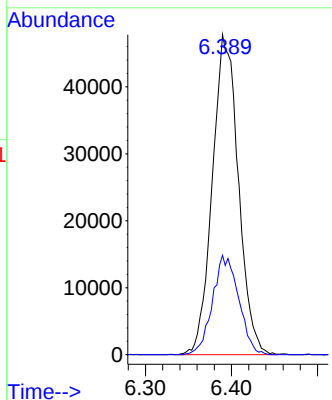
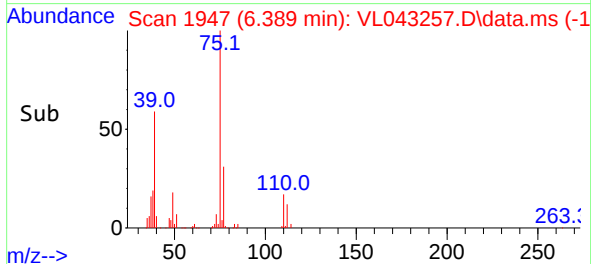
Instrument : MSVOA_L
ClientSampleId : VSTDCCC010



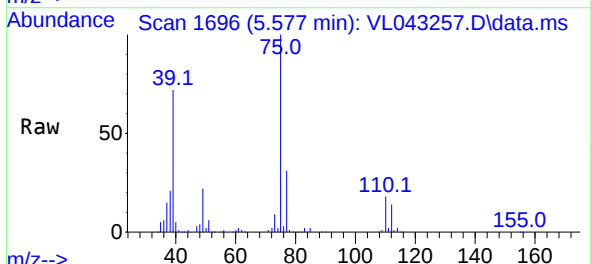
Tgt Ion: 75 Resp: 10023
Ion Ratio Lower Upper
75 100
77 31.0 24.3 36.5

Manual Integrations
APPROVED

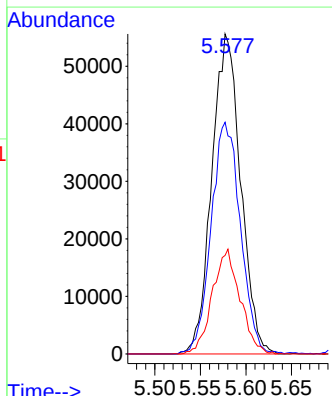
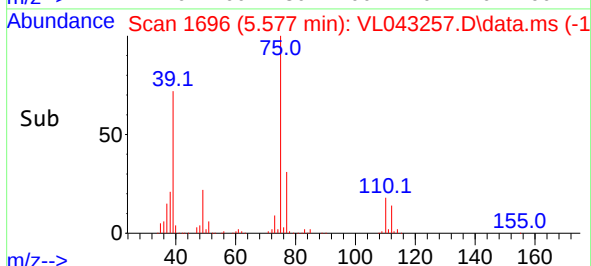
Reviewed By :Semsettin Yesilyurt 11/21/2025
Supervised By :Mahesh Dadoda 11/21/2025

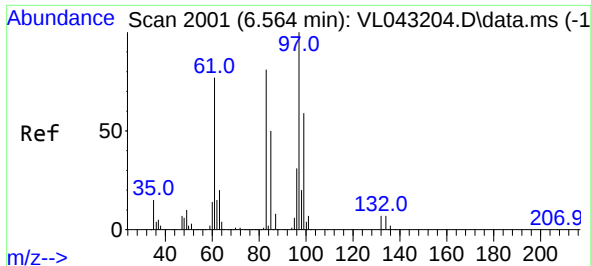


#46
cis-1,3-Dichloropropene
Concen: 7.989 ppbv
RT: 5.577 min Scan# 1696
Delta R.T. -0.007 min
Lab File: VL043257.D
Acq: 20 Nov 2025 10:14



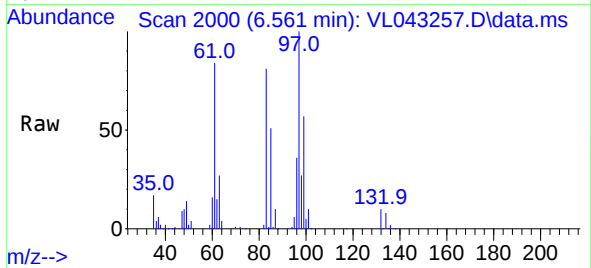
Tgt Ion: 75 Resp: 122504
Ion Ratio Lower Upper
75 100
39 72.3 59.1 88.7
77 30.8 24.2 36.2





#47
1,1,2-Trichloroethane
Concen: 10.190 ppbv m
RT: 6.561 min Scan# 2001
Delta R.T. -0.003 min
Lab File: VL043257.D
Acq: 20 Nov 2025 10:14

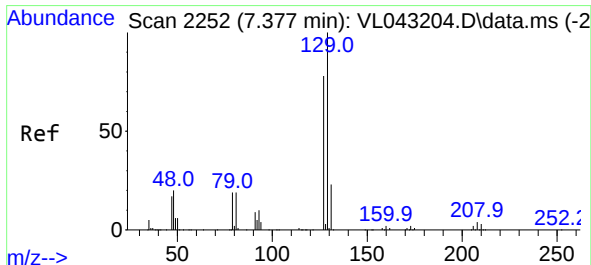
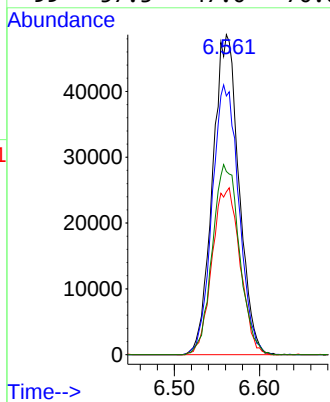
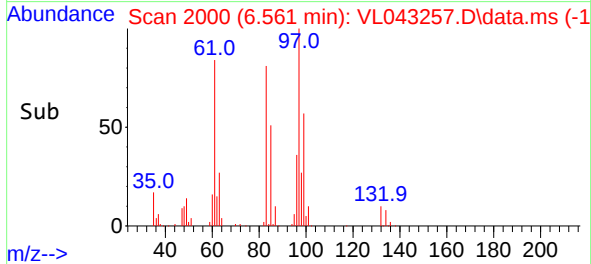
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



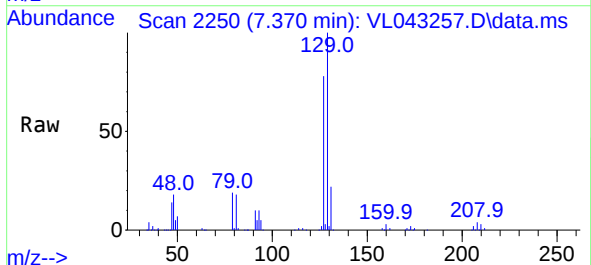
Tgt Ion: 97 Resp: 104460
Ion Ratio Lower Upper
97 100
83 80.8 64.6 97.0
85 50.9 39.4 59.2
99 57.3 47.0 70.6

Manual Integrations
APPROVED

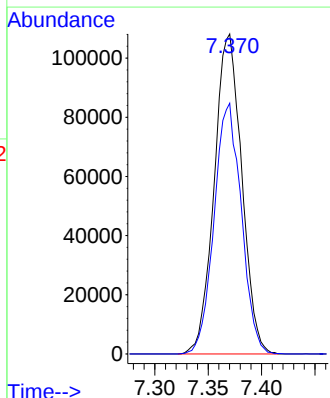
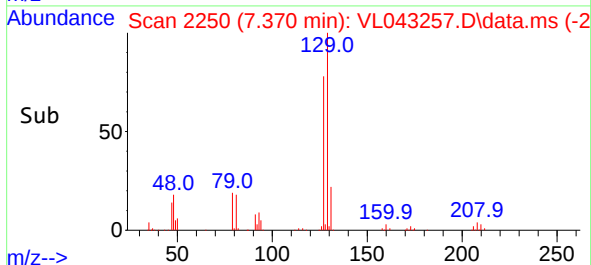
Reviewed By :Semsettin Yesilyurt 11/21/2025
Supervised By :Mahesh Dadoda 11/21/2025

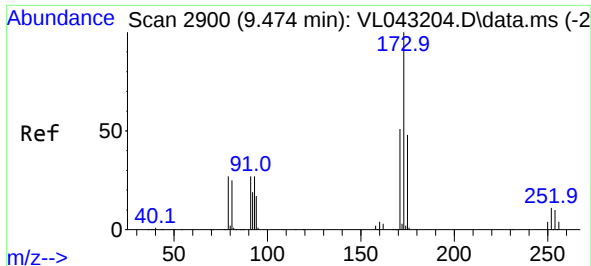


#48
Dibromochloromethane
Concen: 10.997 ppbv
RT: 7.370 min Scan# 2250
Delta R.T. -0.007 min
Lab File: VL043257.D
Acq: 20 Nov 2025 10:14



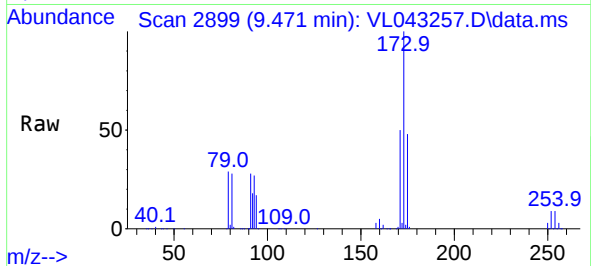
Tgt Ion:129 Resp: 193819
Ion Ratio Lower Upper
129 100
127 77.4 39.3 117.9





#49
Bromoform
Concen: 10.994 ppbv
RT: 9.471 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL043257.D
Acq: 20 Nov 2025 10:14

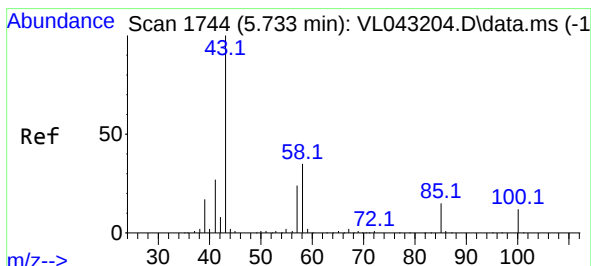
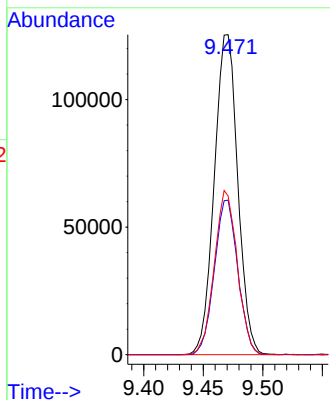
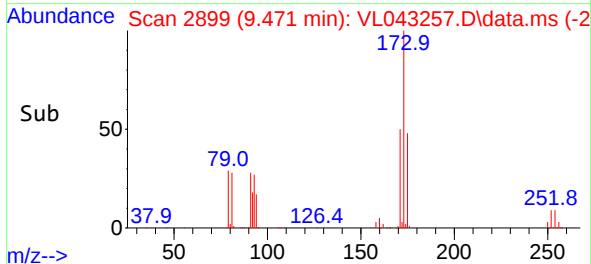
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



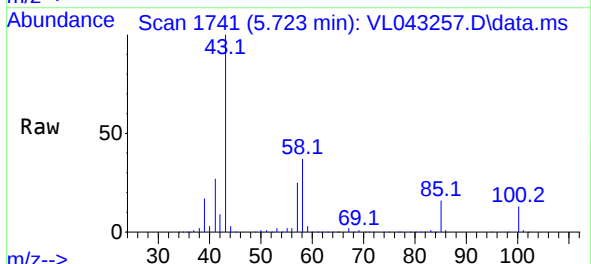
Tgt Ion:173 Resp: 171644
Ion Ratio Lower Upper
173 100
175 48.3 38.6 58.0
171 50.3 40.6 61.0

Manual Integrations
APPROVED

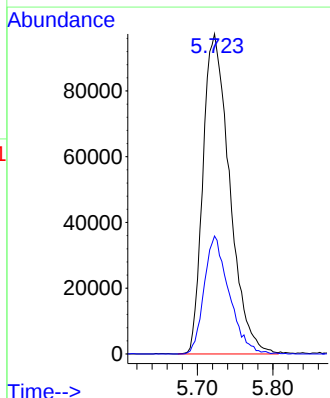
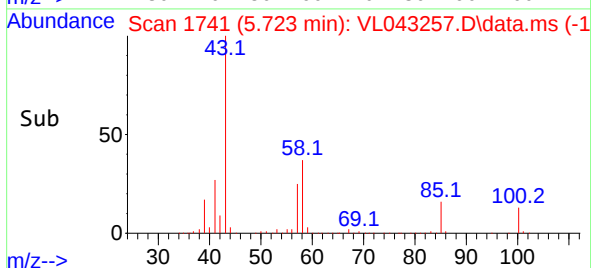
Reviewed By :Semsettin Yesilyurt 11/21/2025
Supervised By :Mahesh Dadoda 11/21/2025

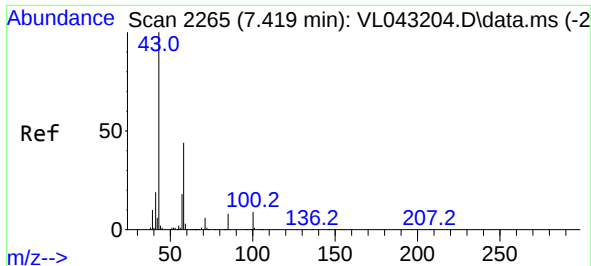


#50
4-Methyl-2-Pentanone
Concen: 8.688 ppbv
RT: 5.723 min Scan# 1741
Delta R.T. -0.010 min
Lab File: VL043257.D
Acq: 20 Nov 2025 10:14



Tgt Ion: 43 Resp: 238084
Ion Ratio Lower Upper
43 100
58 34.7 28.4 42.6





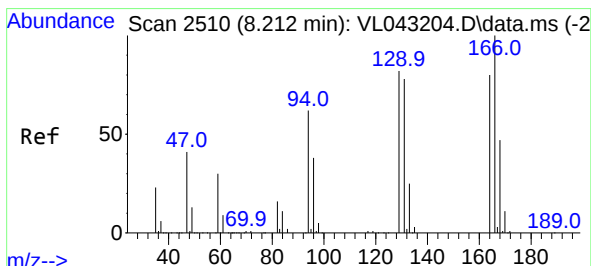
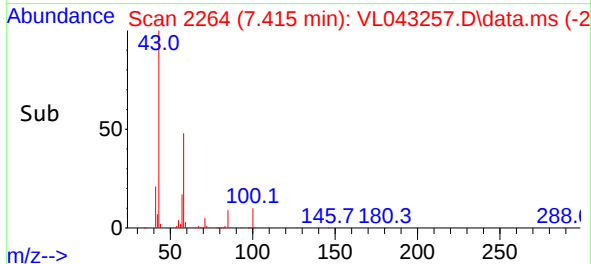
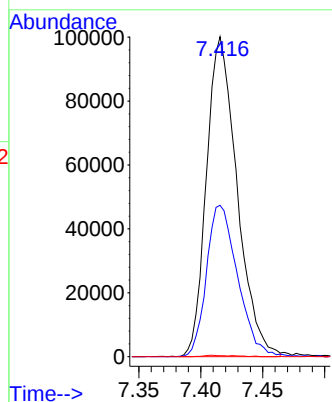
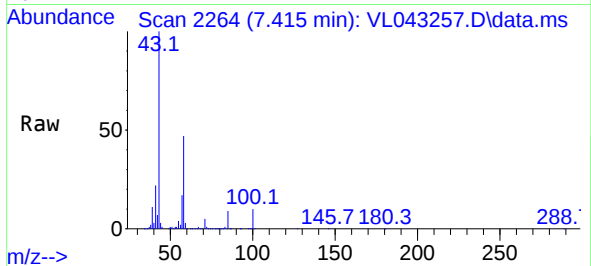
#51
2-Hexanone
Concen: 8.097 ppbv
RT: 7.415 min Scan# 2109
Delta R.T. -0.003 min
Lab File: VL043257.D
Acq: 20 Nov 2025 10:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 172317
Ion Ratio Lower Upper
43 100
58 48.3 38.4 57.6
98 0.4 0.0 0.0

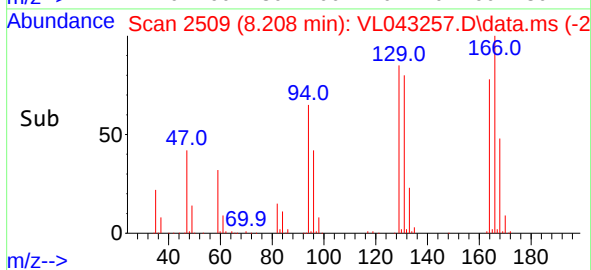
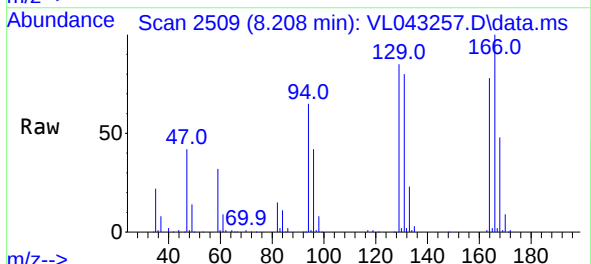
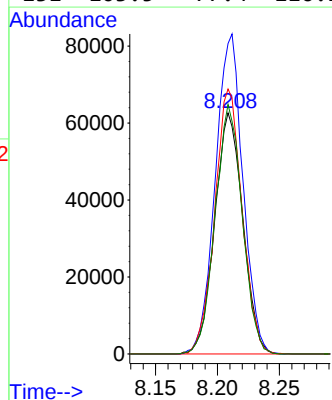
Manual Integrations
APPROVED

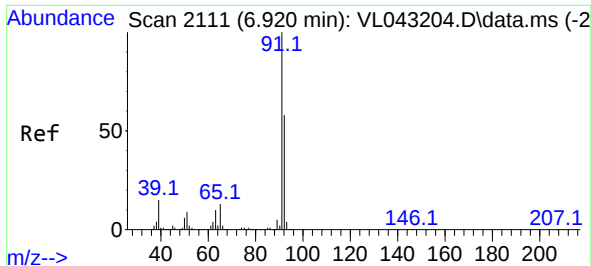
Reviewed By :Semsettin Yesilyurt 11/21/2025
Supervised By :Mahesh Dadoda 11/21/2025



#52
Tetrachloroethene
Concen: 10.097 ppbv
RT: 8.208 min Scan# 2509
Delta R.T. -0.003 min
Lab File: VL043257.D
Acq: 20 Nov 2025 10:14

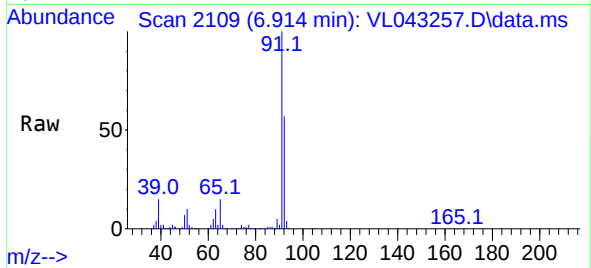
Tgt Ion:164 Resp: 99129
Ion Ratio Lower Upper
164 100
166 128.8 99.4 149.2
129 109.9 81.8 122.8
131 103.5 77.4 116.2





#53
Toluene
Concen: 9.604 ppbv
RT: 6.914 min Scan# 2111
Delta R.T. -0.007 min
Lab File: VL043257.D
Acq: 20 Nov 2025 10:14

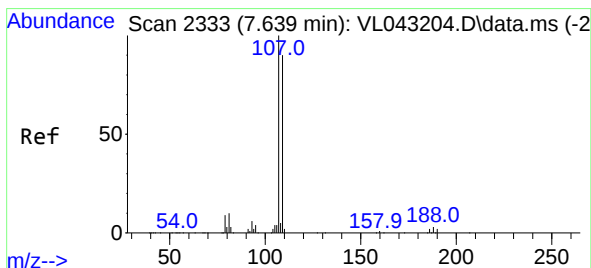
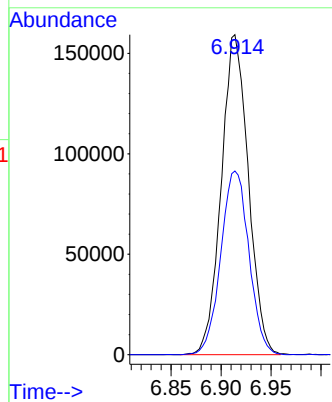
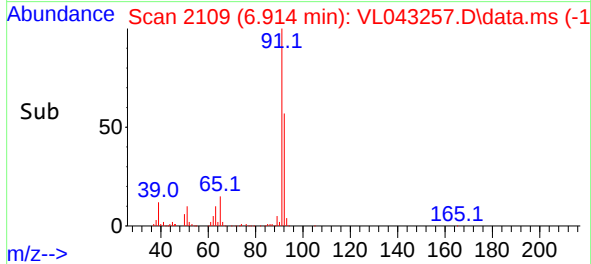
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



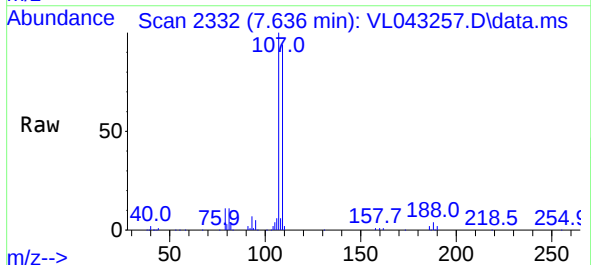
Tgt Ion: 91 Resp: 300158
Ion Ratio Lower Upper
91 100
92 59.7 47.4 71.0

Manual Integrations
APPROVED

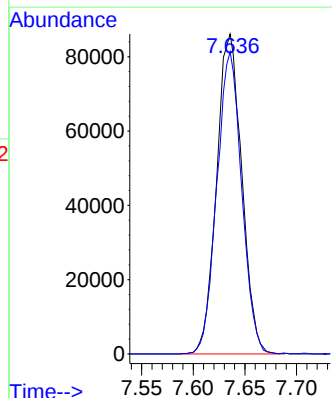
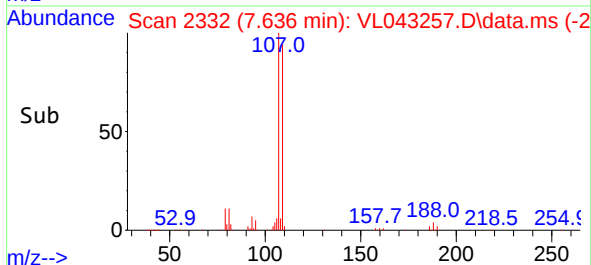
Reviewed By :Semsettin Yesilyurt 11/21/2025
Supervised By :Mahesh Dadoda 11/21/2025

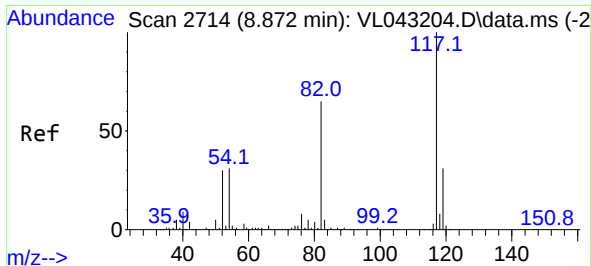


#54
1,2-Dibromoethane
Concen: 9.684 ppbv
RT: 7.636 min Scan# 2332
Delta R.T. -0.003 min
Lab File: VL043257.D
Acq: 20 Nov 2025 10:14



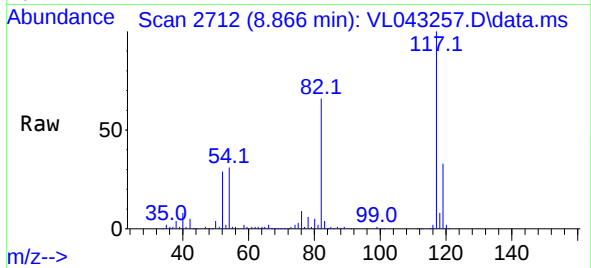
Tgt Ion:107 Resp: 146099
Ion Ratio Lower Upper
107 100
109 94.4 72.1 108.1





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.866 min Scan# 2117
Delta R.T. -0.007 min
Lab File: VL043257.D
Acq: 20 Nov 2025 10:14

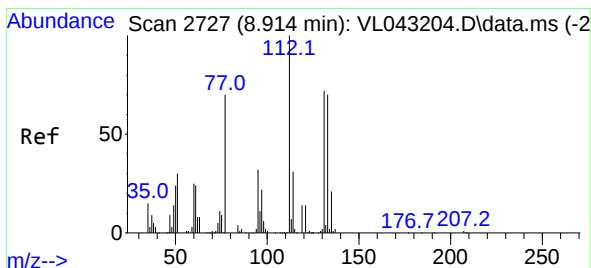
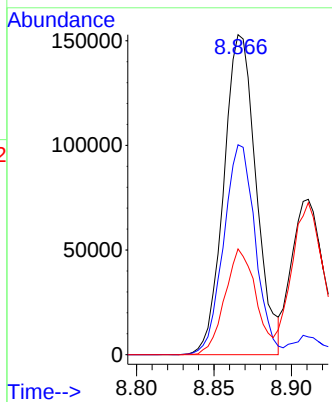
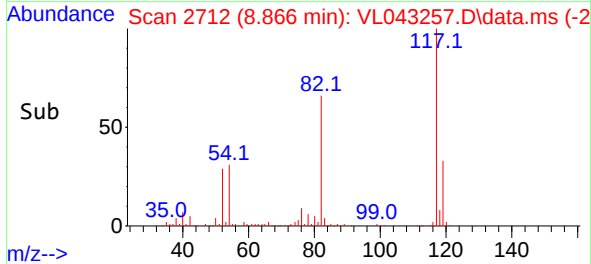
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



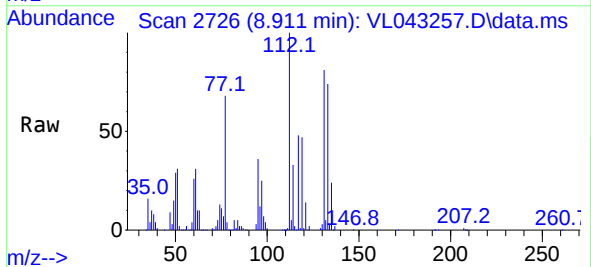
Tgt Ion:117 Resp: 222770
Ion Ratio Lower Upper
117 100
82 65.1 56.1 84.1
119 32.7 25.0 37.6

Manual Integrations
APPROVED

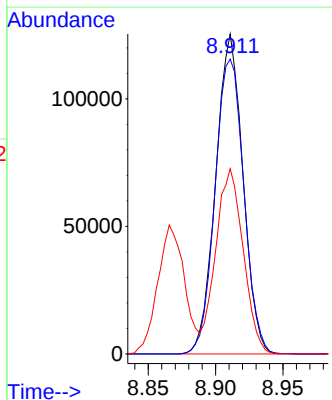
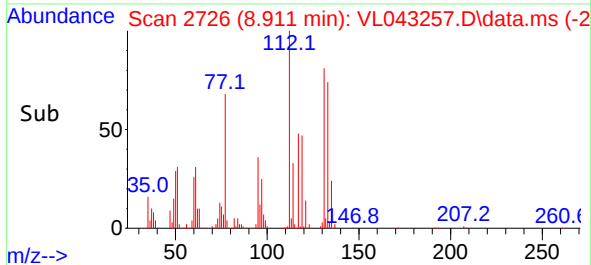
Reviewed By :Semsettin Yesilyurt 11/21/2025
Supervised By :Mahesh Dadoda 11/21/2025

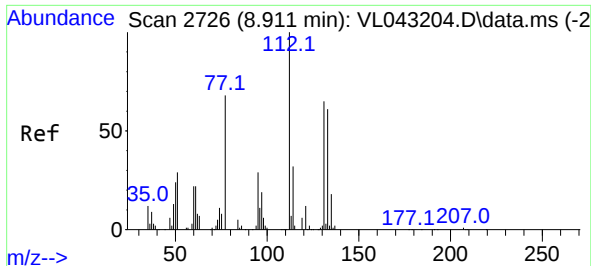


#56
1,1,1,2-Tetrachloroethane
Concen: 10.787 ppbv
RT: 8.911 min Scan# 2726
Delta R.T. -0.003 min
Lab File: VL043257.D
Acq: 20 Nov 2025 10:14



Tgt Ion:131 Resp: 176606
Ion Ratio Lower Upper
131 100
133 97.5 77.4 116.2
119 59.3 49.1 73.7





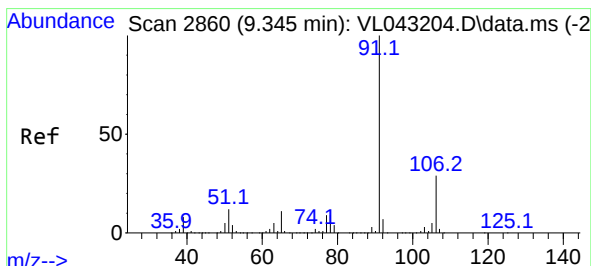
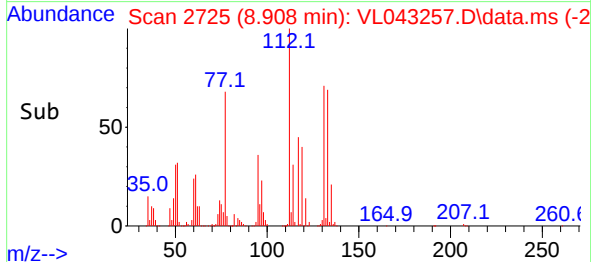
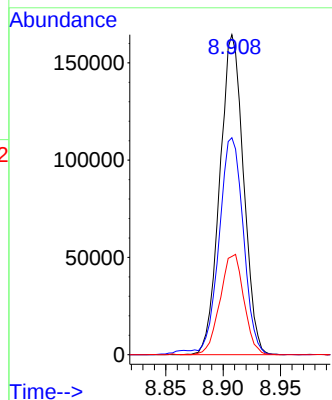
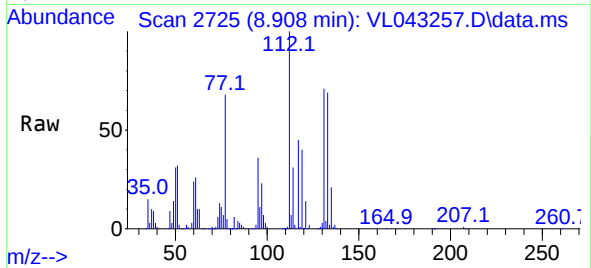
#57
Chlorobenzene
Concen: 10.333 ppbv
RT: 8.908 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL043257.D
Acq: 20 Nov 2025 10:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:112 Resp: 23634
Ion Ratio Lower Upper
112 100
77 67.8 55.5 83.3
114 30.7 29.1 35.5

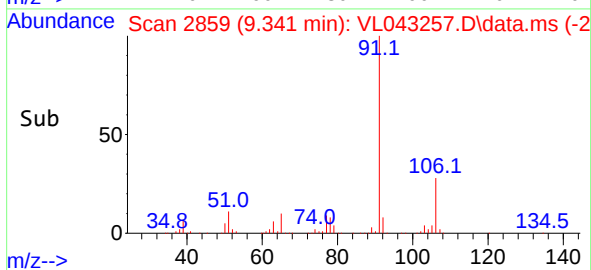
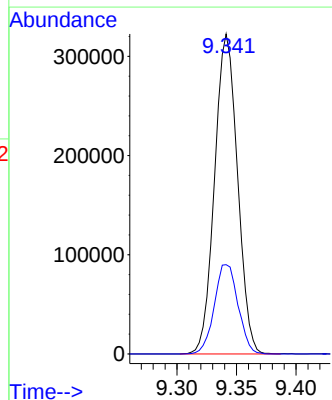
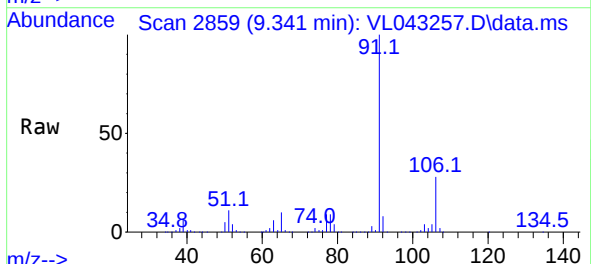
Manual Integrations
APPROVED

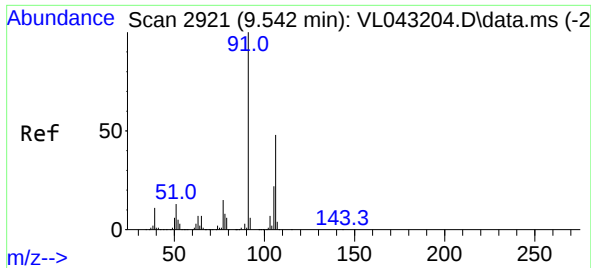
Reviewed By :Semsettin Yesilyurt 11/21/2025
Supervised By :Mahesh Dadoda 11/21/2025



#58
Ethyl Benzene
Concen: 10.037 ppbv
RT: 9.341 min Scan# 2859
Delta R.T. -0.003 min
Lab File: VL043257.D
Acq: 20 Nov 2025 10:14

Tgt Ion: 91 Resp: 430385
Ion Ratio Lower Upper
91 100
106 27.9 22.8 34.2





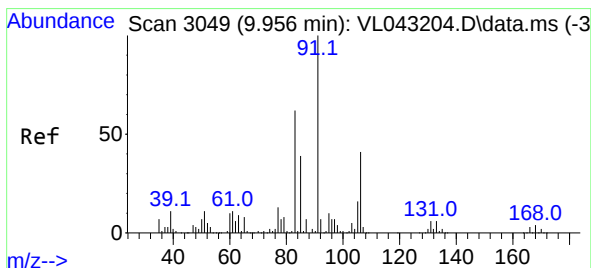
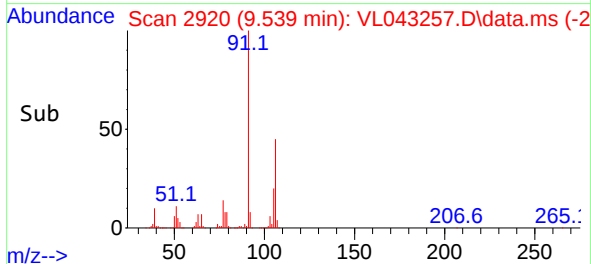
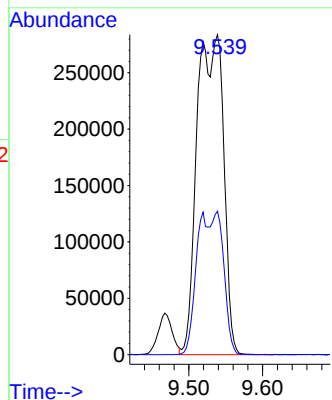
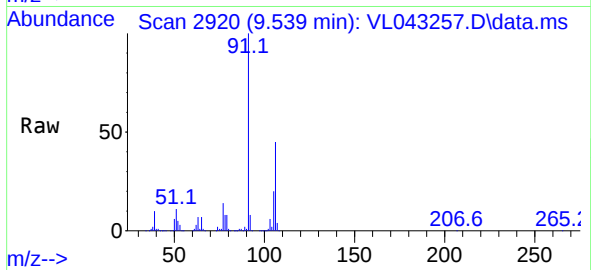
#59
m/p-Xylene
Concen: 20.635 ppbv m
RT: 9.539 min Scan# 2921
Delta R.T. -0.003 min
Lab File: VL043257.D
Acq: 20 Nov 2025 10:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 709378
Ion Ratio Lower Upper
91 100
106 44.3 36.1 54.1

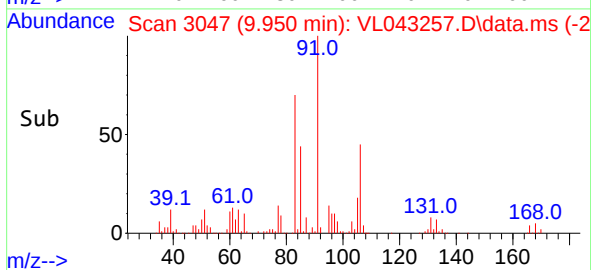
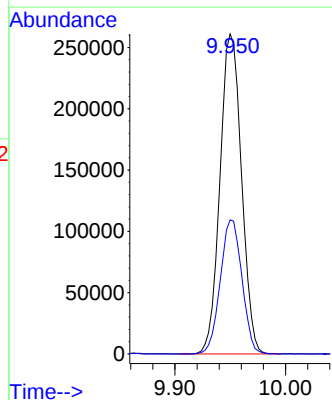
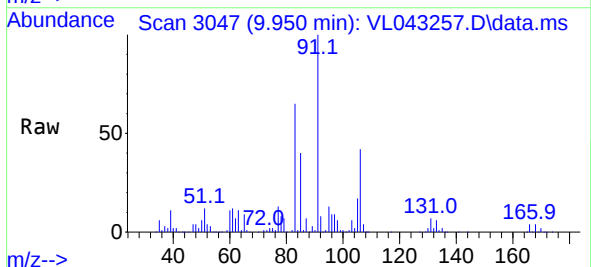
Manual Integrations
APPROVED

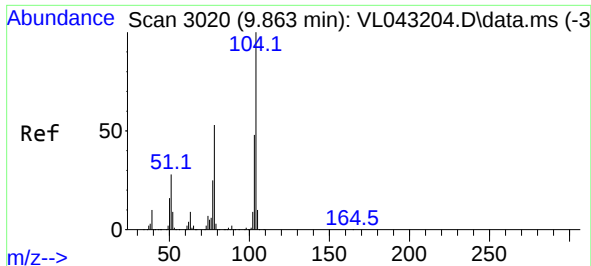
Reviewed By :Semsettin Yesilyurt 11/21/2025
Supervised By :Mahesh Dadoda 11/21/2025



#60
o-Xylene
Concen: 10.284 ppbv
RT: 9.950 min Scan# 3047
Delta R.T. -0.007 min
Lab File: VL043257.D
Acq: 20 Nov 2025 10:14

Tgt Ion: 91 Resp: 353166
Ion Ratio Lower Upper
91 100
106 42.1 20.9 62.8





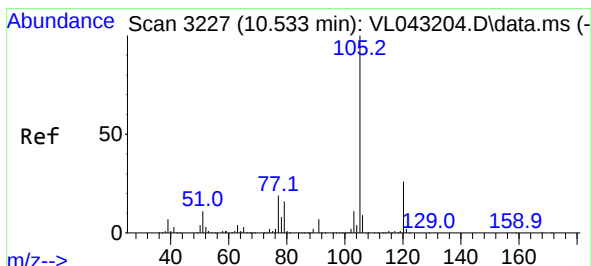
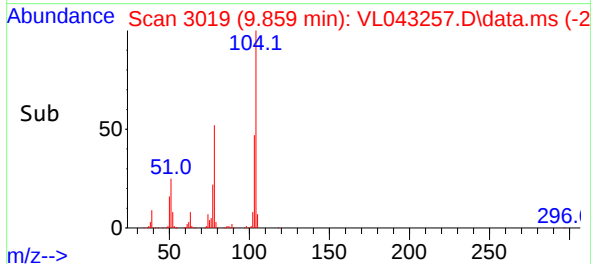
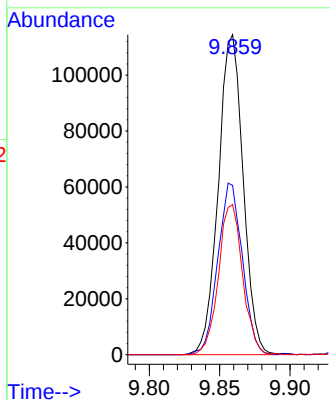
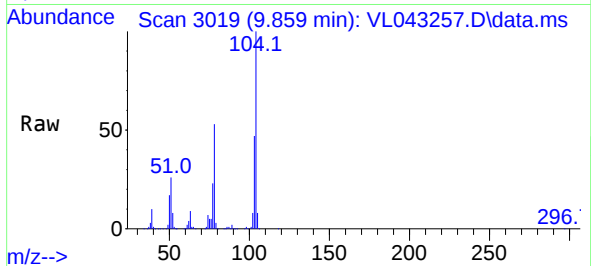
#61
Styrene
Concen: 9.353 ppbv
RT: 9.859 min Scan# 3020
Delta R.T. -0.003 min
Lab File: VL043257.D
Acq: 20 Nov 2025 10:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:104 Resp: 140574
Ion Ratio Lower Upper
104 100
78 53.2 42.1 63.1
103 45.7 37.2 55.8

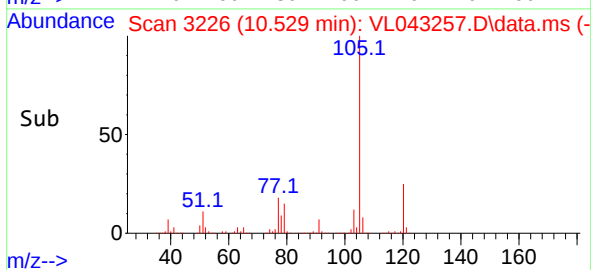
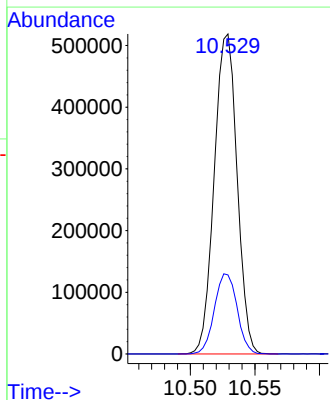
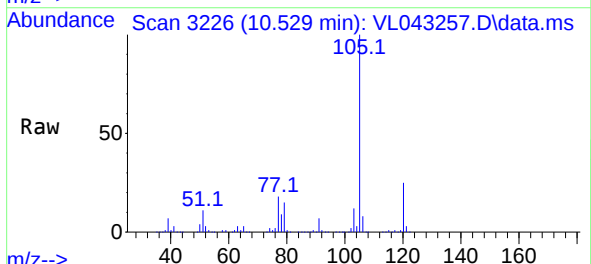
Manual Integrations
APPROVED

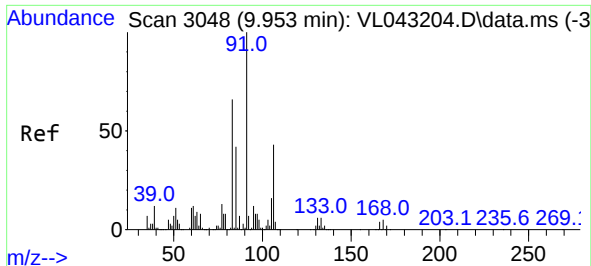
Reviewed By :Semsettin Yesilyurt 11/21/2025
Supervised By :Mahesh Dadoda 11/21/2025



#62
Isopropylbenzene
Concen: 10.379 ppbv
RT: 10.529 min Scan# 3226
Delta R.T. -0.003 min
Lab File: VL043257.D
Acq: 20 Nov 2025 10:14

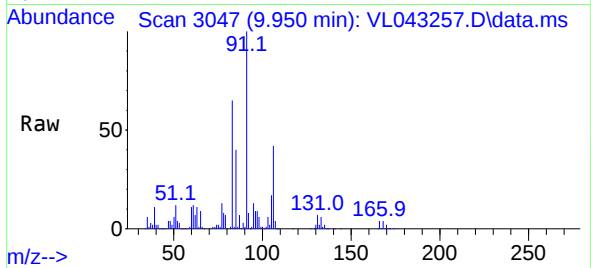
Tgt Ion:105 Resp: 637682
Ion Ratio Lower Upper
105 100
120 24.9 19.8 29.8





#63
1,1,2,2-Tetrachloroethane
Concen: 9.817 ppbv
RT: 9.950 min Scan# 3048
Delta R.T. -0.003 min
Lab File: VL043257.D
Acq: 20 Nov 2025 10:14

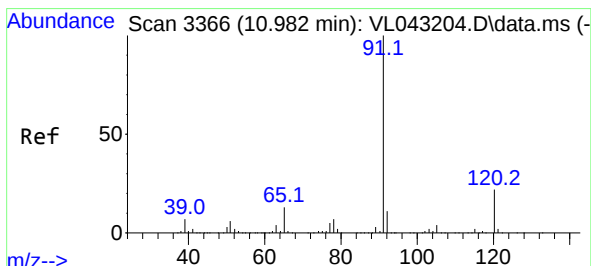
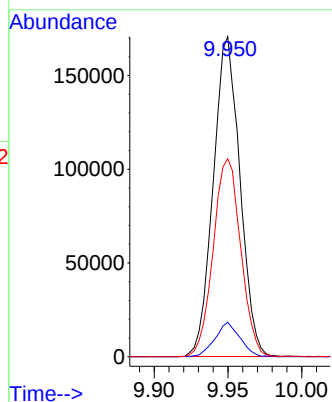
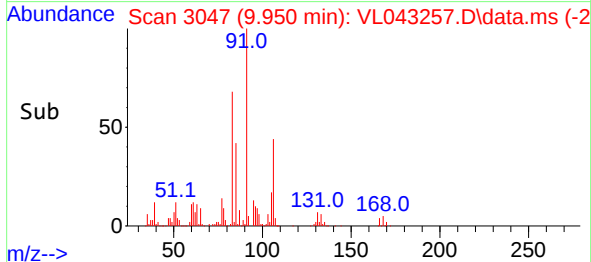
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



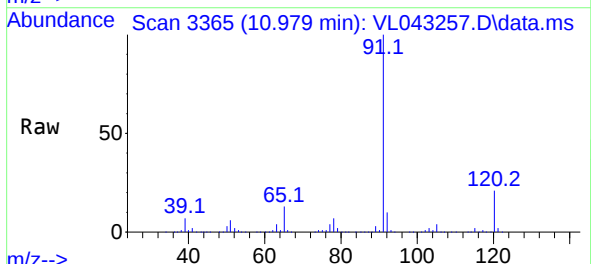
Tgt Ion: 83 Resp: 21452
Ion Ratio Lower Upper
83 100
131 10.0 4.8 14.3
85 63.9 31.9 95.9

Manual Integrations
APPROVED

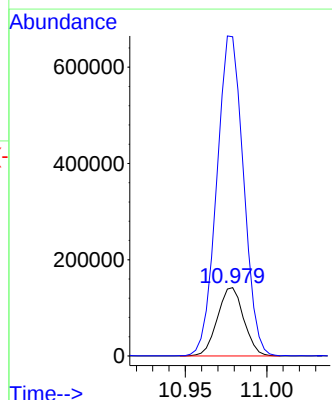
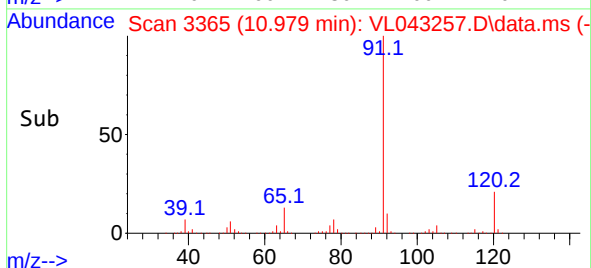
Reviewed By :Semsettin Yesilyurt 11/21/2025
Supervised By :Mahesh Dadoda 11/21/2025

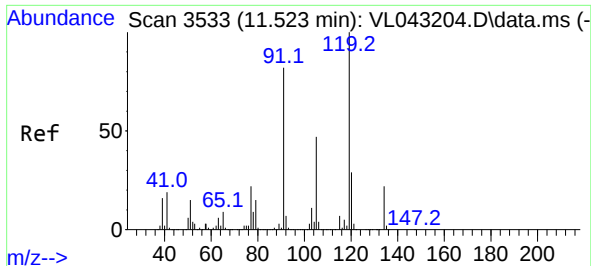


#64
n-propylbenzene
Concen: 10.052 ppbv
RT: 10.979 min Scan# 3365
Delta R.T. -0.003 min
Lab File: VL043257.D
Acq: 20 Nov 2025 10:14



Tgt Ion:120 Resp: 158685
Ion Ratio Lower Upper
120 100
91 479.0 377.1 565.7





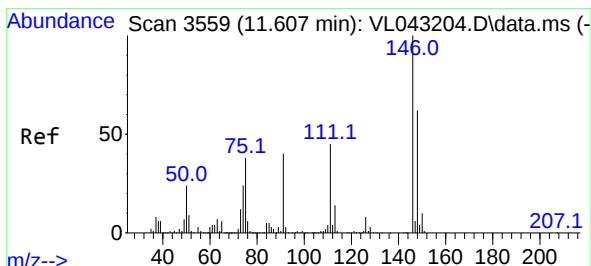
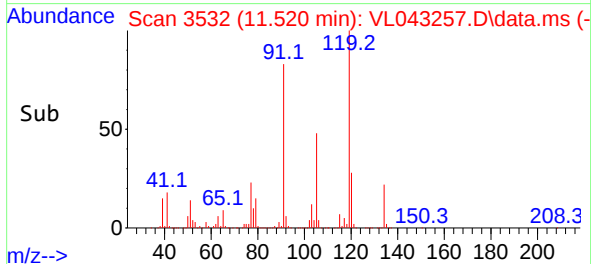
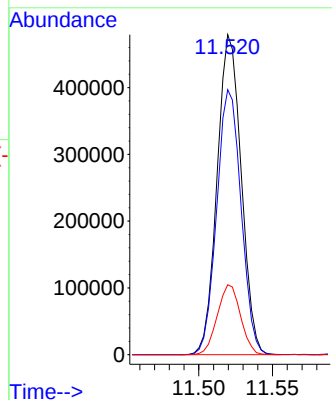
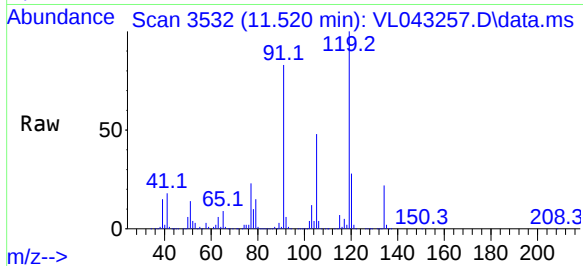
#65
tert-Butylbenzene
Concen: 9.932 ppbv
RT: 11.520 min Scan# 3532
Delta R.T. -0.003 min
Lab File: VL043257.D
Acq: 20 Nov 2025 10:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:119 Resp: 544958
Ion Ratio Lower Upper
119 100
91 83.7 65.3 97.9
134 21.1 17.0 25.4

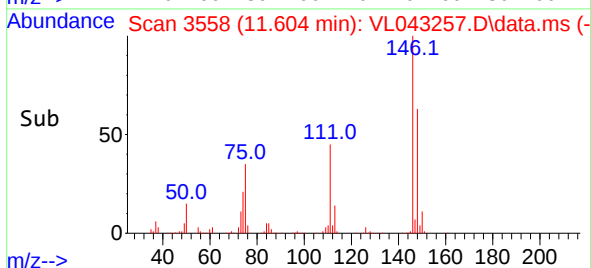
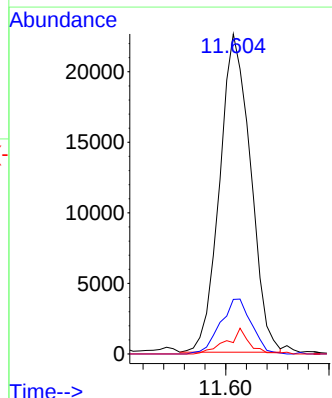
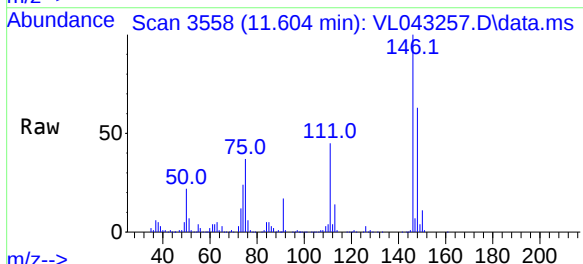
Manual Integrations
APPROVED

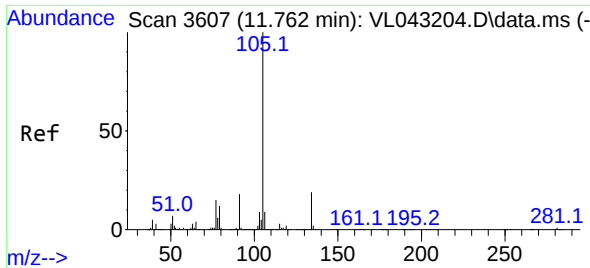
Reviewed By :Semsettin Yesilyurt 11/21/2025
Supervised By :Mahesh Dadoda 11/21/2025



#66
Benzyl Chloride
Concen: 4.210 ppbv
RT: 11.604 min Scan# 3558
Delta R.T. -0.003 min
Lab File: VL043257.D
Acq: 20 Nov 2025 10:14

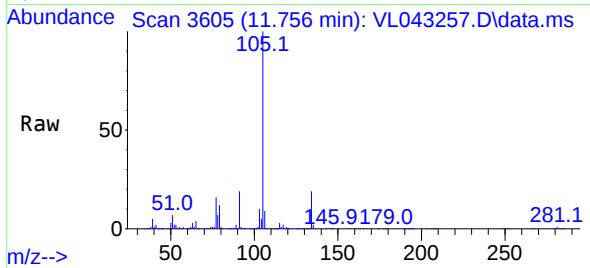
Tgt Ion: 91 Resp: 23441
Ion Ratio Lower Upper
91 100
126 17.5 14.4 21.6
128 6.0 4.6 6.8





#67
 sec-Butylbenzene
 Concen: 9.982 ppbv
 RT: 11.756 min Scan# 30
 Delta R.T. -0.007 min
 Lab File: VL043257.D
 Acq: 20 Nov 2025 10:14

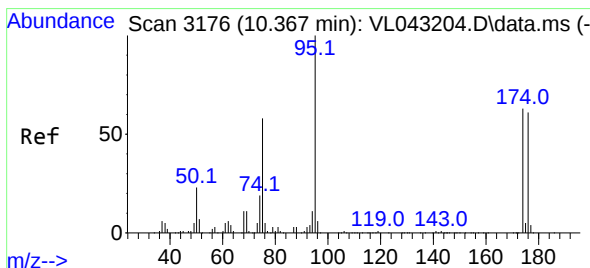
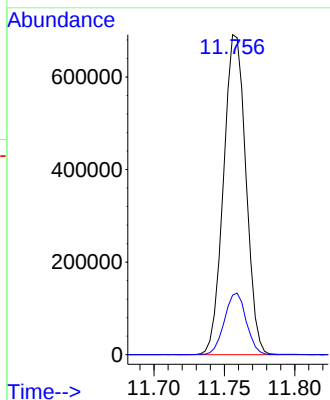
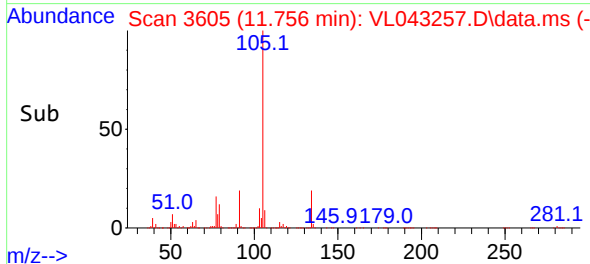
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



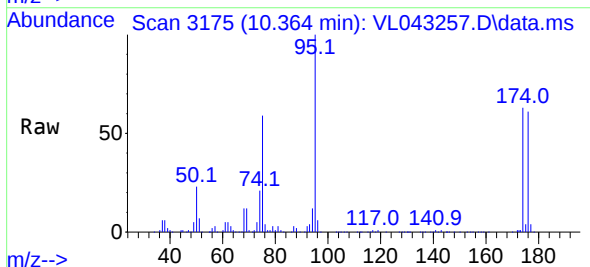
Tgt Ion:105 Resp: 76452
 Ion Ratio Lower Upper
 105 100
 134 18.8 15.0 22.6

Manual Integrations
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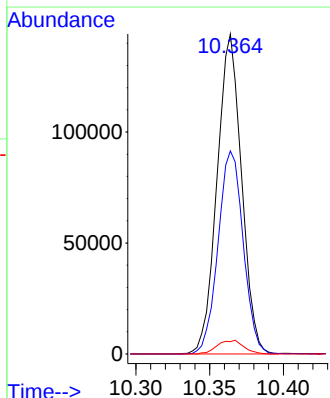
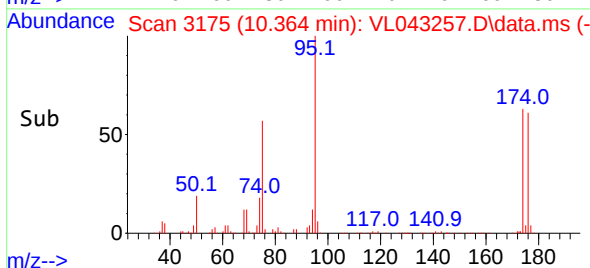
Reviewed By :Semsettin Yesilyurt 11/21/2025
 Supervised By :Mahesh Dadoda 11/21/2025

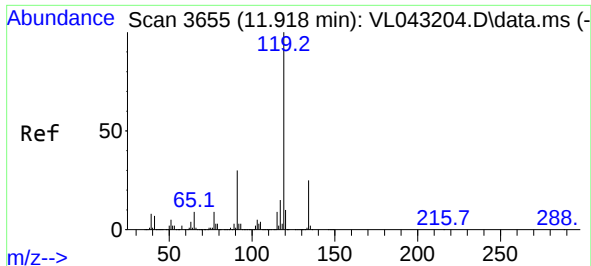


#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.198 ppbv
 RT: 10.364 min Scan# 3175
 Delta R.T. -0.003 min
 Lab File: VL043257.D
 Acq: 20 Nov 2025 10:14



Tgt Ion: 95 Resp: 166532
 Ion Ratio Lower Upper
 95 100
 174 65.2 50.2 75.2
 175 4.6 4.1 6.1





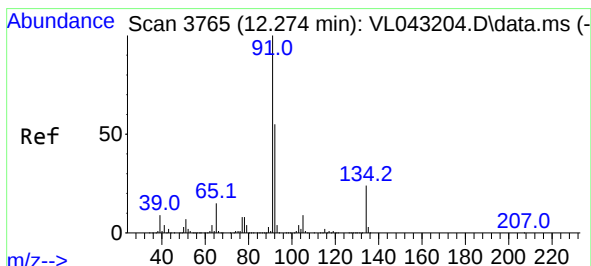
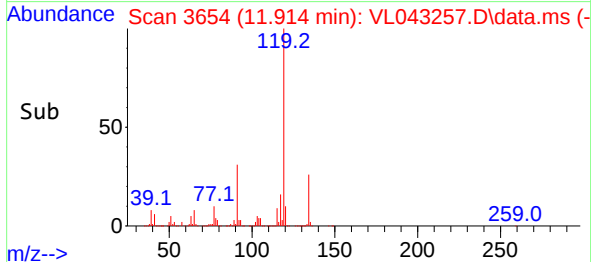
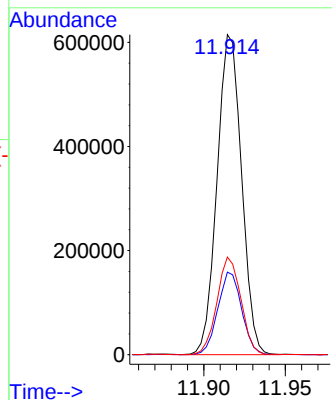
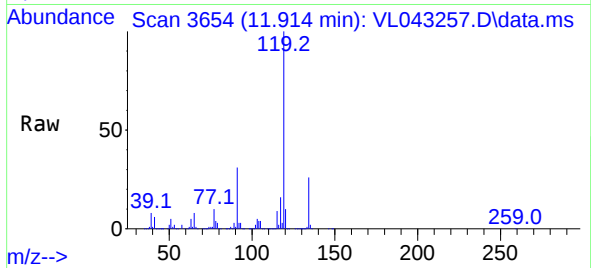
#69
p-Isopropyltoluene
Concen: 9.886 ppbv
RT: 11.914 min Scan# 3654
Delta R.T. -0.003 min
Lab File: VL043257.D
Acq: 20 Nov 2025 10:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:119 Resp: 641411
Ion Ratio Lower Upper
119 100
134 25.2 20.2 30.2
91 30.0 23.8 35.8

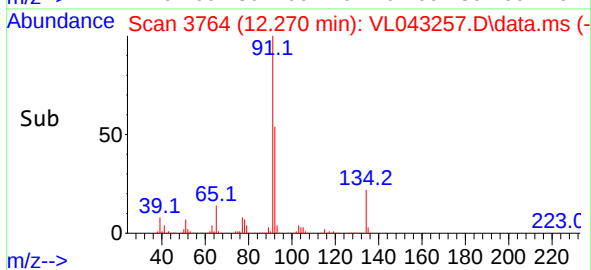
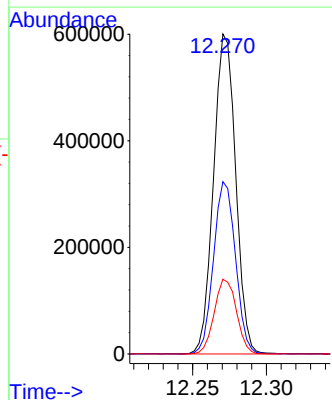
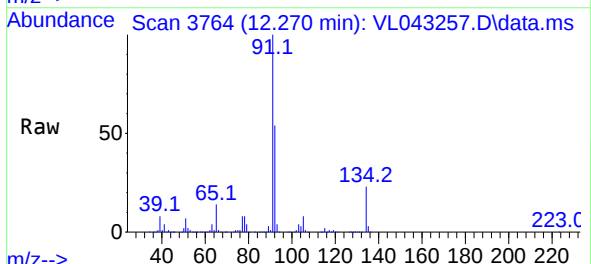
Manual Integrations
APPROVED

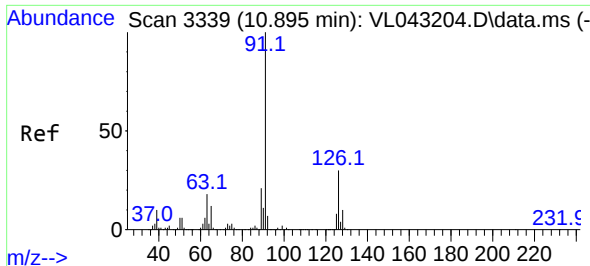
Reviewed By :Semsettin Yesilyurt 11/21/2025
Supervised By :Mahesh Dadoda 11/21/2025



#70
n-Butylbenzene
Concen: 9.948 ppbv
RT: 12.270 min Scan# 3764
Delta R.T. -0.003 min
Lab File: VL043257.D
Acq: 20 Nov 2025 10:14

Tgt Ion: 91 Resp: 626151
Ion Ratio Lower Upper
91 100
92 53.4 43.5 65.3
134 23.5 19.0 28.6





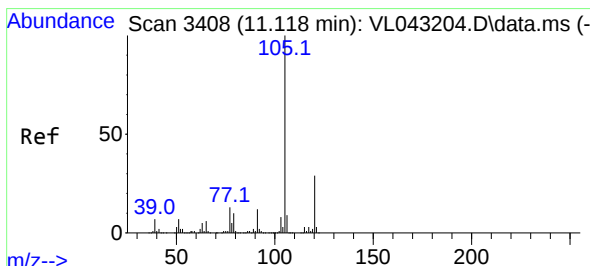
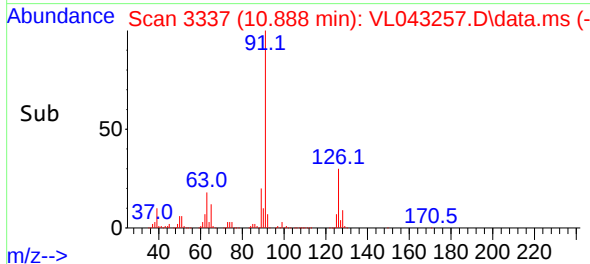
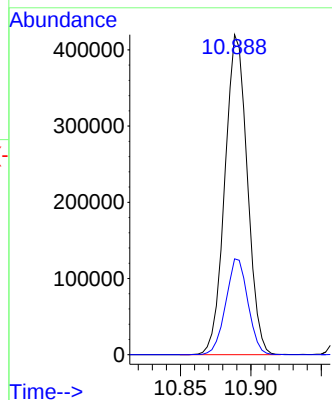
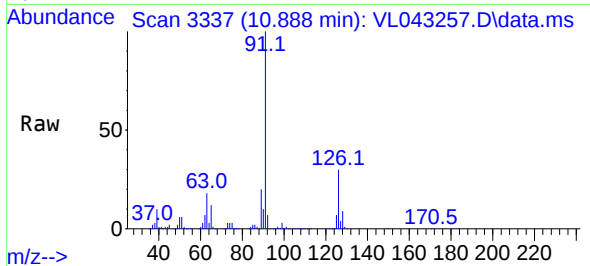
#71
2-Chlorotoluene
Concen: 9.875 ppbv
RT: 10.888 min Scan# 31
Delta R.T. -0.007 min
Lab File: VL043257.D
Acq: 20 Nov 2025 10:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 46635
Ion Ratio Lower Upper
91 100
126 29.5 11.7 46.7

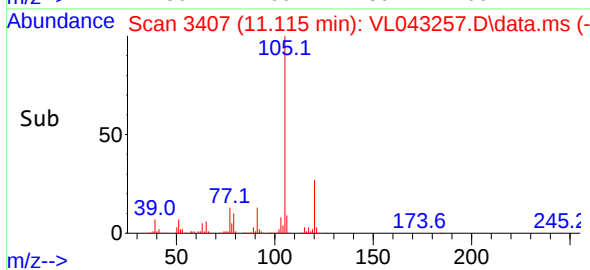
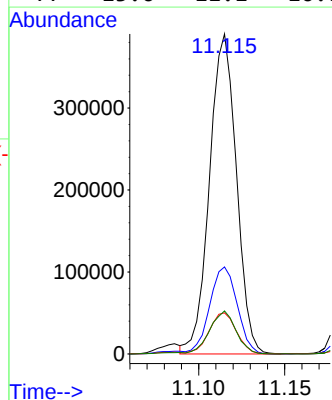
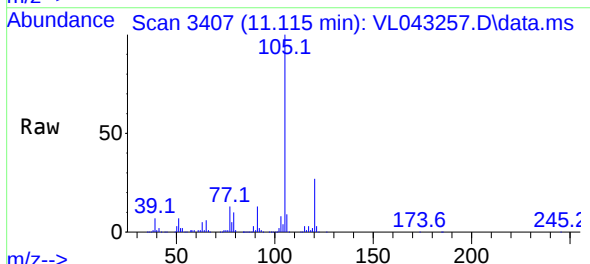
Manual Integrations
APPROVED

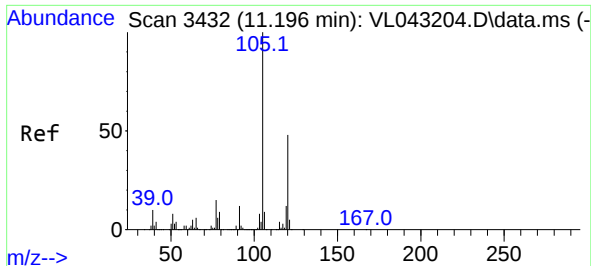
Reviewed By :Semsettin Yesilyurt 11/21/2025
Supervised By :Mahesh Dadoda 11/21/2025



#72
4-Ethyltoluene
Concen: 10.147 ppbv
RT: 11.115 min Scan# 3407
Delta R.T. -0.003 min
Lab File: VL043257.D
Acq: 20 Nov 2025 10:14

Tgt Ion:105 Resp: 424355
Ion Ratio Lower Upper
105 100
120 28.7 23.8 35.8
91 13.9 10.3 15.5
77 13.6 11.1 16.7





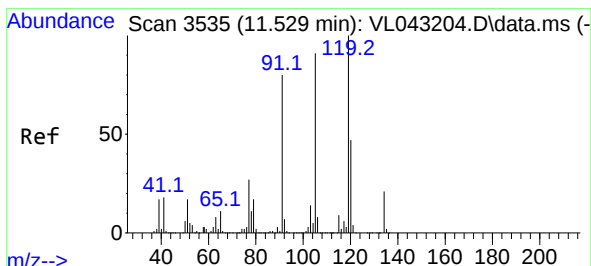
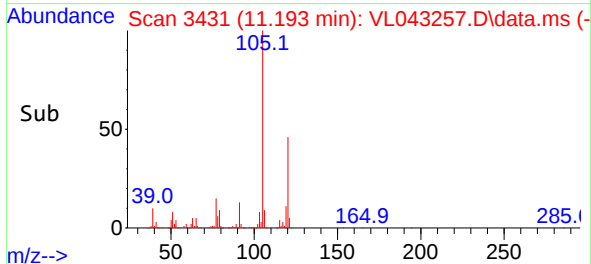
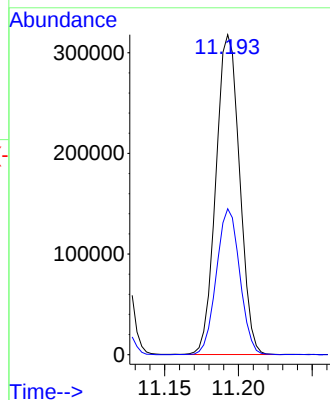
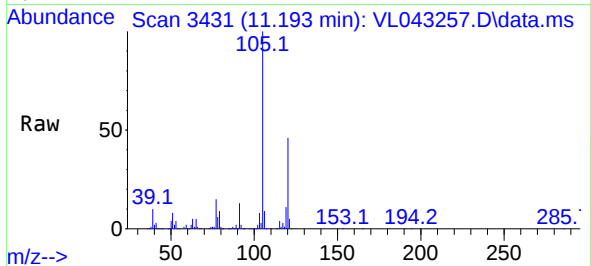
#73
1,3,5-Trimethylbenzene
Concen: 10.119 ppbv
RT: 11.193 min Scan# 3432
Delta R.T. -0.003 min
Lab File: VL043257.D
Acq: 20 Nov 2025 10:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:105 Resp: 355138
Ion Ratio Lower Upper
105 100
120 45.6 38.6 57.8

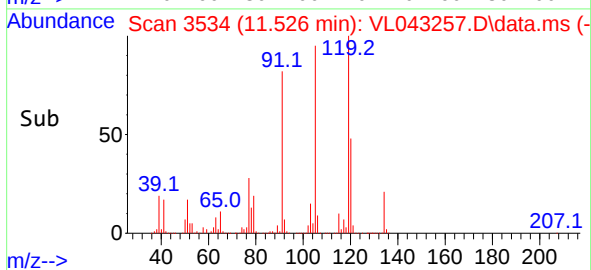
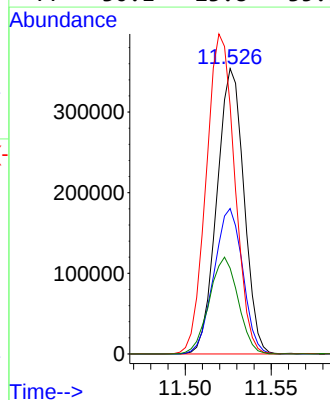
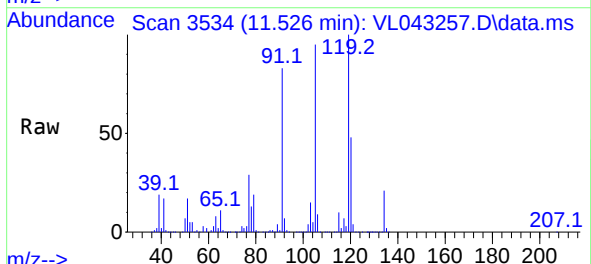
Manual Integrations
APPROVED

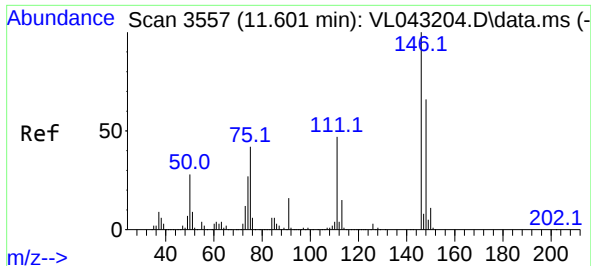
Reviewed By :Semsettin Yesilyurt 11/21/2025
Supervised By :Mahesh Dadoda 11/21/2025



#74
1,2,4-Trimethylbenzene
Concen: 10.095 ppbv
RT: 11.526 min Scan# 3534
Delta R.T. -0.003 min
Lab File: VL043257.D
Acq: 20 Nov 2025 10:14

Tgt Ion:105 Resp: 386671
Ion Ratio Lower Upper
105 100
120 51.0 41.7 62.5
91 87.0 70.0 105.0
77 30.1 23.8 35.8





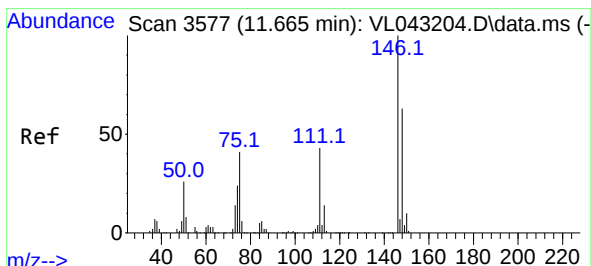
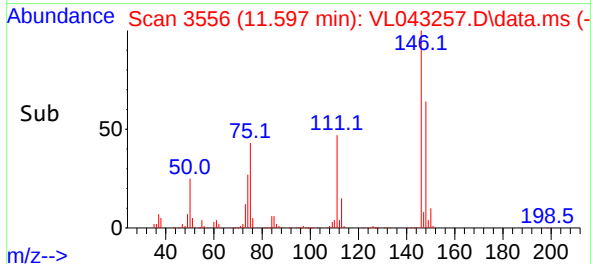
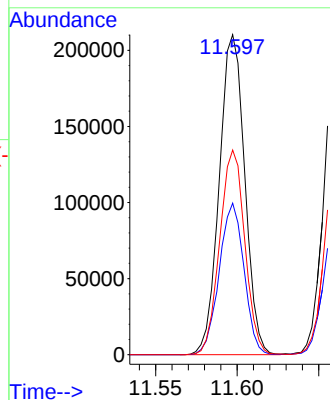
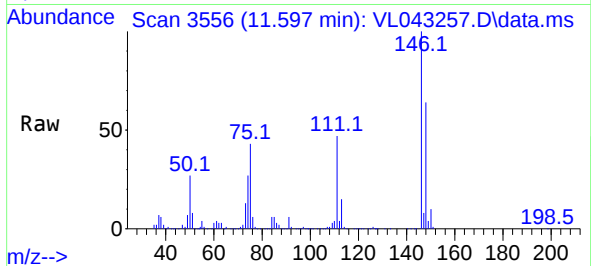
#75
1,3-Dichlorobenzene
Concen: 10.196 ppbv
RT: 11.597 min Scan# 3556
Delta R.T. -0.003 min
Lab File: VL043257.D
Acq: 20 Nov 2025 10:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:146 Resp: 227890
Ion Ratio Lower Upper
146 100
111 46.2 23.4 70.3
148 63.1 31.6 95.0

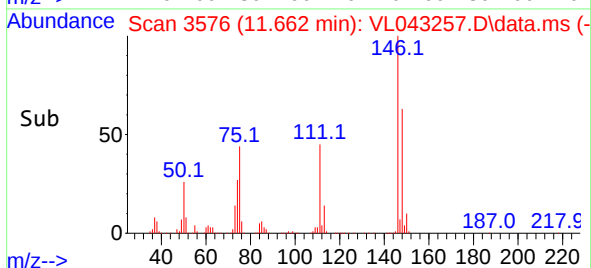
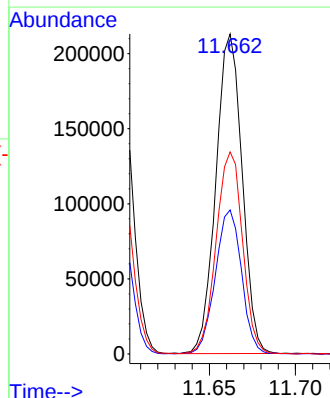
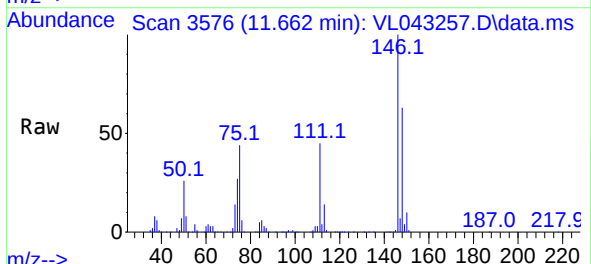
Manual Integrations
APPROVED

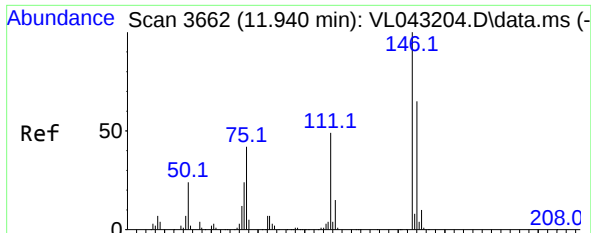
Reviewed By :Semsettin Yesilyurt 11/21/2025
Supervised By :Mahesh Dadoda 11/21/2025



#76
1,4-Dichlorobenzene
Concen: 10.117 ppbv
RT: 11.662 min Scan# 3576
Delta R.T. -0.003 min
Lab File: VL043257.D
Acq: 20 Nov 2025 10:14

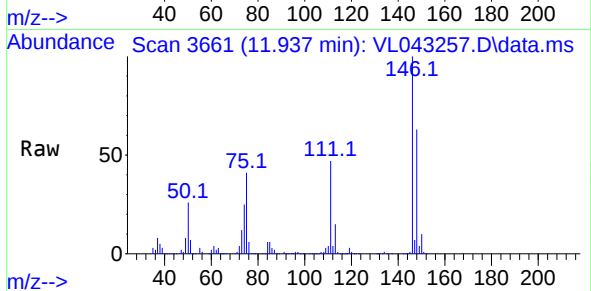
Tgt Ion:146 Resp: 226164
Ion Ratio Lower Upper
146 100
111 45.1 22.8 68.3
148 63.7 31.8 95.4





#77
1,2-Dichlorobenzene
Concen: 10.032 ppbv
RT: 11.937 min Scan# 3661
Delta R.T. -0.003 min
Lab File: VL043257.D
Acq: 20 Nov 2025 10:14

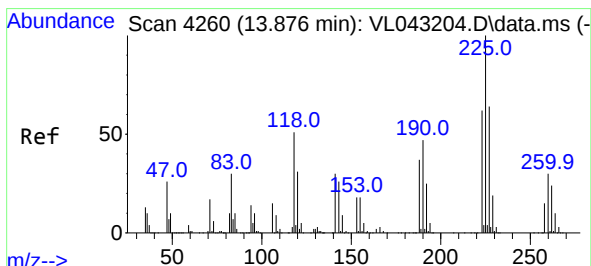
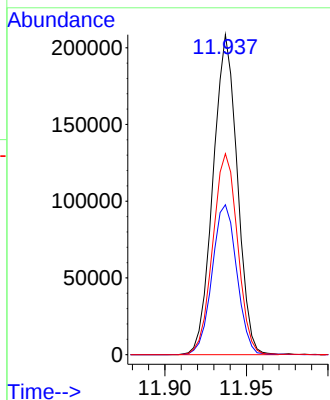
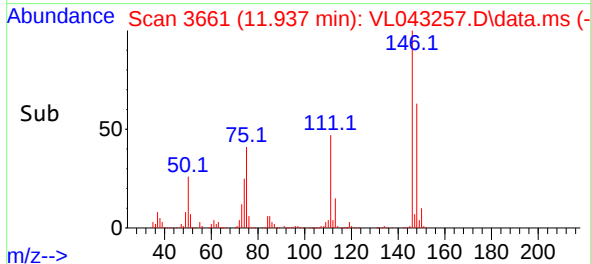
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:146 Resp: 215578
Ion Ratio Lower Upper
146 100
111 47.8 24.3 73.0
148 64.4 31.6 94.7

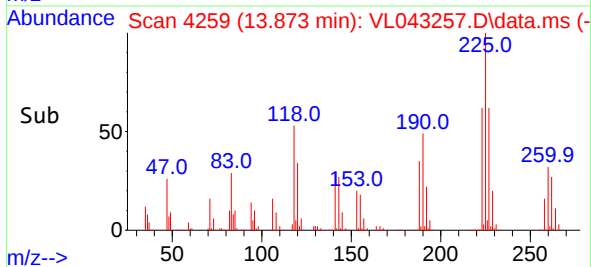
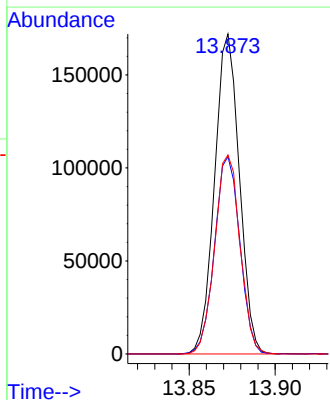
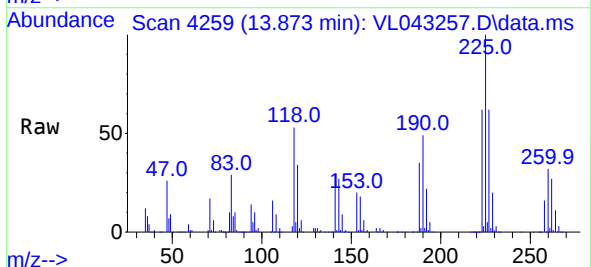
Manual Integrations
APPROVED

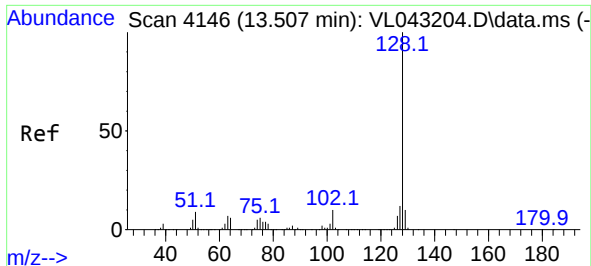
Reviewed By :Semsettin Yesilyurt 11/21/2025
Supervised By :Mahesh Dadoda 11/21/2025



#78
Hexachloro-1,3-Butadiene
Concen: 9.604 ppbv
RT: 13.873 min Scan# 4259
Delta R.T. -0.003 min
Lab File: VL043257.D
Acq: 20 Nov 2025 10:14

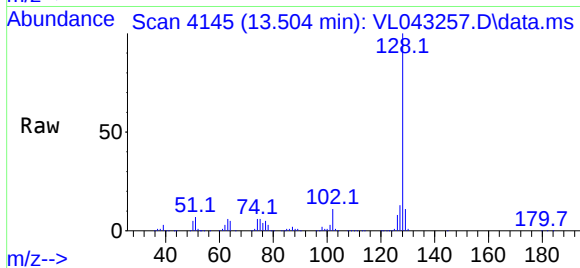
Tgt Ion:225 Resp: 172235
Ion Ratio Lower Upper
225 100
223 63.0 50.2 75.4
227 63.5 51.1 76.7





#79
Naphthalene
Concen: 9.536 ppbv
RT: 13.504 min Scan# 4146
Delta R.T. -0.003 min
Lab File: VL043257.D
Acq: 20 Nov 2025 10:14

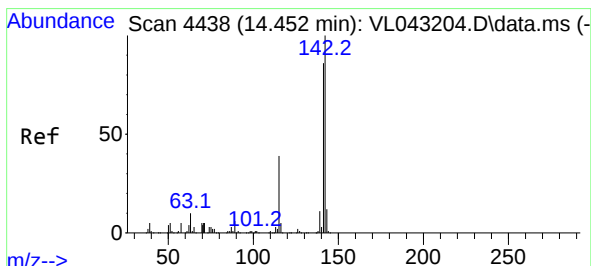
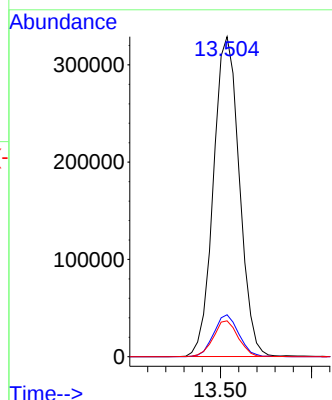
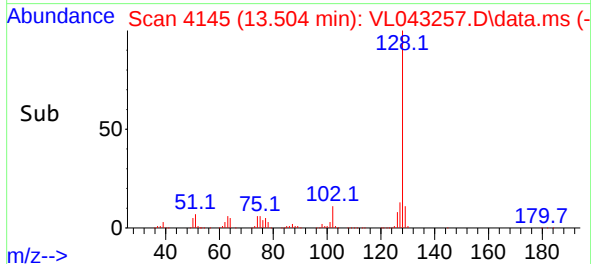
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



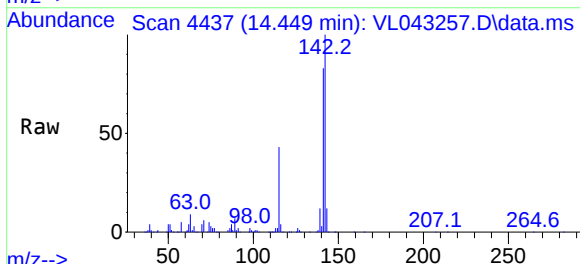
Tgt Ion:128 Resp: 32439
Ion Ratio Lower Upper
128 100
127 13.1 9.9 14.9
129 11.2 8.4 12.6

Manual Integrations
APPROVED

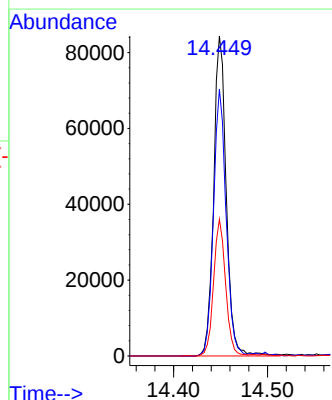
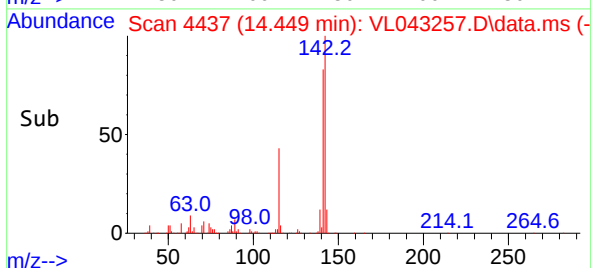
Reviewed By :Semsettin Yesilyurt 11/21/2025
Supervised By :Mahesh Dadoda 11/21/2025

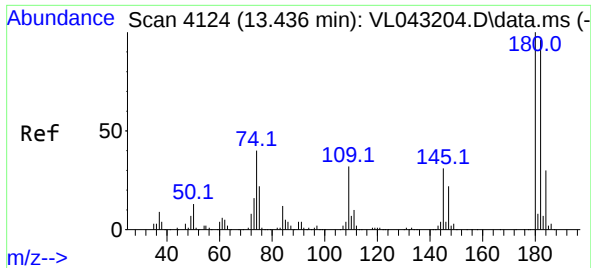


#80
Naphthalene,2-methyl-
Concen: 8.806 ppbv
RT: 14.449 min Scan# 4437
Delta R.T. -0.003 min
Lab File: VL043257.D
Acq: 20 Nov 2025 10:14



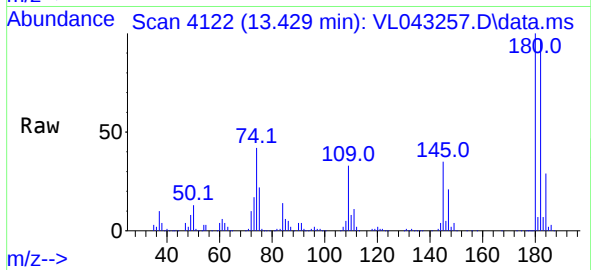
Tgt Ion:142 Resp: 78637
Ion Ratio Lower Upper
142 100
141 85.1 67.1 100.7
115 41.6 31.9 47.9





#81
1,2,4-Trichlorobenzene
Concen: 10.564 ppbv
RT: 13.429 min Scan# 41
Delta R.T. -0.007 min
Lab File: VL043257.D
Acq: 20 Nov 2025 10:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:180 Resp: 160725
Ion Ratio Lower Upper
180 100
182 97.8 77.4 116.2
184 31.2 24.2 36.4

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 11/21/2025
Supervised By :Mahesh Dadoda 11/21/2025

