

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111825\
 Data File : VL043207.D
 Acq On : 18 Nov 2025 11:43
 Operator : SY/MD
 Sample : VSTDICC0.5
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC0.5

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 11/19/2025
 Supervised By :Mahesh Dadoda 11/19/2025

Quant Time: Nov 19 00:36:51 2025

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 00:23:01 2025

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.784	49	102236	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.952	114	271570	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.872	117	221358	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 10.370 95 167137 10.301 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 103.000%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.499	85	7710	0.535	ppbv	97
3) Chlorodifluoromethane	1.476	51	7318	0.516	ppbv #	85
4) Chloromethane	1.531	50	2931	0.545	ppbv #	89
5) Vinyl Chloride	1.580	62	2649	0.475	ppbv	99
6) Bromomethane	1.667	94	1631	0.571	ppbv #	75
7) Chloroethane	1.703	64	1089	0.474	ppbv	90
8) Dichlorotetrafluoroethane	1.554	85	6362	0.530	ppbv	99
9) Propene	1.482	41	3350	0.502	ppbv #	1
10) Heptane	4.968	43	8985	0.511	ppbv	98
11) Trichlorofluoromethane	1.877	101	7308	0.523	ppbv	100
12) 1,1,2-Trichlorotrifluo...	2.136	101	5580	0.512	ppbv	93
13) Ethanol	1.719	45	1278	0.604	ppbv	80
14) Bromoethene	1.780	108	2125	0.508	ppbv #	88
15) Acetone	1.835	43	8232	0.580	ppbv #	86
16) 1,3-Butadiene	1.609	39	3531	0.558	ppbv	93
17) tert-Butyl alcohol	2.039	59	10977	0.589	ppbv #	78
18) 1,1-Dichloroethene	2.033	96	2660	0.524	ppbv	94
19) Isopropyl Alcohol	1.884	45	4592	0.572	ppbv #	43
20) Methylene Chloride	2.059	84	4845	0.789	ppbv	94
21) Allyl Chloride	2.094	41	5210	0.545	ppbv #	93
22) trans-1,2-Dichloroethene	2.337	96	2931	0.505	ppbv	91
23) Vinyl Acetate	2.460	43	9236	0.539	ppbv #	96
24) 1,1-Dichloroethane	2.405	63	6101	0.545	ppbv	97
25) Ethyl Acetate	2.832	43	15202	0.529	ppbv	98
26) Hexane	2.826	57	6714	0.500	ppbv	87
27) Carbon Disulfide	2.149	76	6957	0.507	ppbv #	1
28) Methyl tert-Butyl Ether	2.437	73	4135	0.627	ppbv	93
29) Chloroform	2.845	83	10027	0.525	ppbv	96
30) Cyclohexane	3.845	84	5881	0.522	ppbv	97
31) cis-1,2-Dichloroethene	2.716	61	7169	0.537	ppbv	96
32) 1,1,1-Trichloroethane	3.360	97	10167m	0.500	ppbv	
34) 2-Butanone	2.554	43	11246	0.587	ppbv	97
35) Carbon Tetrachloride	3.755	117	9949m	0.483	ppbv	
36) Benzene	3.648	78	13151	0.506	ppbv	98
37) 1,2-Dichloroethane	3.214	62	8076	0.531	ppbv	99
38) Trichloroethene	4.544	130	5257m	0.516	ppbv	
39) 1,2-Dichloropropane	4.308	63	4937m	0.519	ppbv	
40) 1,4-Dioxane	4.590	88	2350m	0.551	ppbv	
41) Tetrahydrofuran	3.059	42	5573	0.526	ppbv	97
42) Bromodichloromethane	4.483	83	10401	0.496	ppbv	93
43) Methyl Methacrylate	4.868	69	6788m	0.486	ppbv	
44) 2,2,4-Trimethylpentane	4.635	57	23295m	0.522	ppbv	
45) t-1,3-Dichloropropene	6.399	75	6273m	0.489	ppbv	

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111825\
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Manual Integrations
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Reviewed By :Semsettin Yesilyurt 11/19/2025
 Supervised By :Mahesh Dadoda 11/19/2025

Quant Time: Nov 19 00:36:51 2025

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 00:23:01 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.596	75	7496m	0.495	ppbv	
47) 1,1,2-Trichloroethane	6.577	97	5702m	0.566	ppbv	
48) Dibromochloromethane	7.383	129	8728m	0.503	ppbv	
49) Bromoform	9.477	173	7808	0.508	ppbv	99
50) 4-Methyl-2-Pentanone	5.745	43	13950	0.503	ppbv	97
51) 2-Hexanone	7.431	43	11005m	0.510	ppbv	
52) Tetrachloroethene	8.218	164	5215	0.539	ppbv	83
53) Toluene	6.923	91	16252	0.526	ppbv	96
54) 1,2-Dibromoethane	7.645	107	7420	0.499	ppbv	98
56) 1,1,1,2-Tetrachloroethane	8.920	131	9118	0.565	ppbv #	90
57) Chlorobenzene	8.914	112	12189	0.536	ppbv #	95
58) Ethyl Benzene	9.348	91	22234m	0.522	ppbv	
59) m/p-Xylene	9.545	91	36343m	1.059	ppbv	
60) o-Xylene	9.956	91	17877	0.524	ppbv	99
61) Styrene	9.862	104	7164	0.480	ppbv	94
62) Isopropylbenzene	10.532	105	32193	0.527	ppbv	99
63) 1,1,2,2-Tetrachloroethane	9.956	83	11191	0.517	ppbv	95
64) n-propylbenzene	10.989	120	8687	0.554	ppbv	94
65) tert-Butylbenzene	11.523	119	29908	0.549	ppbv	99
66) Benzyl Chloride	11.610	91	2612	0.472	ppbv #	93
67) sec-Butylbenzene	11.762	105	41417	0.544	ppbv	100
69) p-Isopropyltoluene	11.921	119	34366	0.533	ppbv	98
70) n-Butylbenzene	12.277	91	32105	0.513	ppbv	99
71) 2-Chlorotoluene	10.895	91	24931	0.531	ppbv	97
72) 4-Ethyltoluene	11.121	105	21651	0.521	ppbv	97
73) 1,3,5-Trimethylbenzene	11.202	105	18639	0.534	ppbv	93
74) 1,2,4-Trimethylbenzene	11.532	105	20816	0.547	ppbv #	80
75) 1,3-Dichlorobenzene	11.600	146	11107	0.500	ppbv	94
76) 1,4-Dichlorobenzene	11.665	146	11623	0.523	ppbv	97
77) 1,2-Dichlorobenzene	11.943	146	11605	0.543	ppbv	98
78) Hexachloro-1,3-Butadiene	13.876	225	10246	0.575	ppbv	99
79) Naphthalene	13.510	128	15125	0.462	ppbv	98
80) Naphthalene,2-methyl-	14.458	142	2640	0.295	ppbv #	86
81) 1,2,4-Trichlorobenzene	13.439	180	6444	0.426	ppbv	98

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

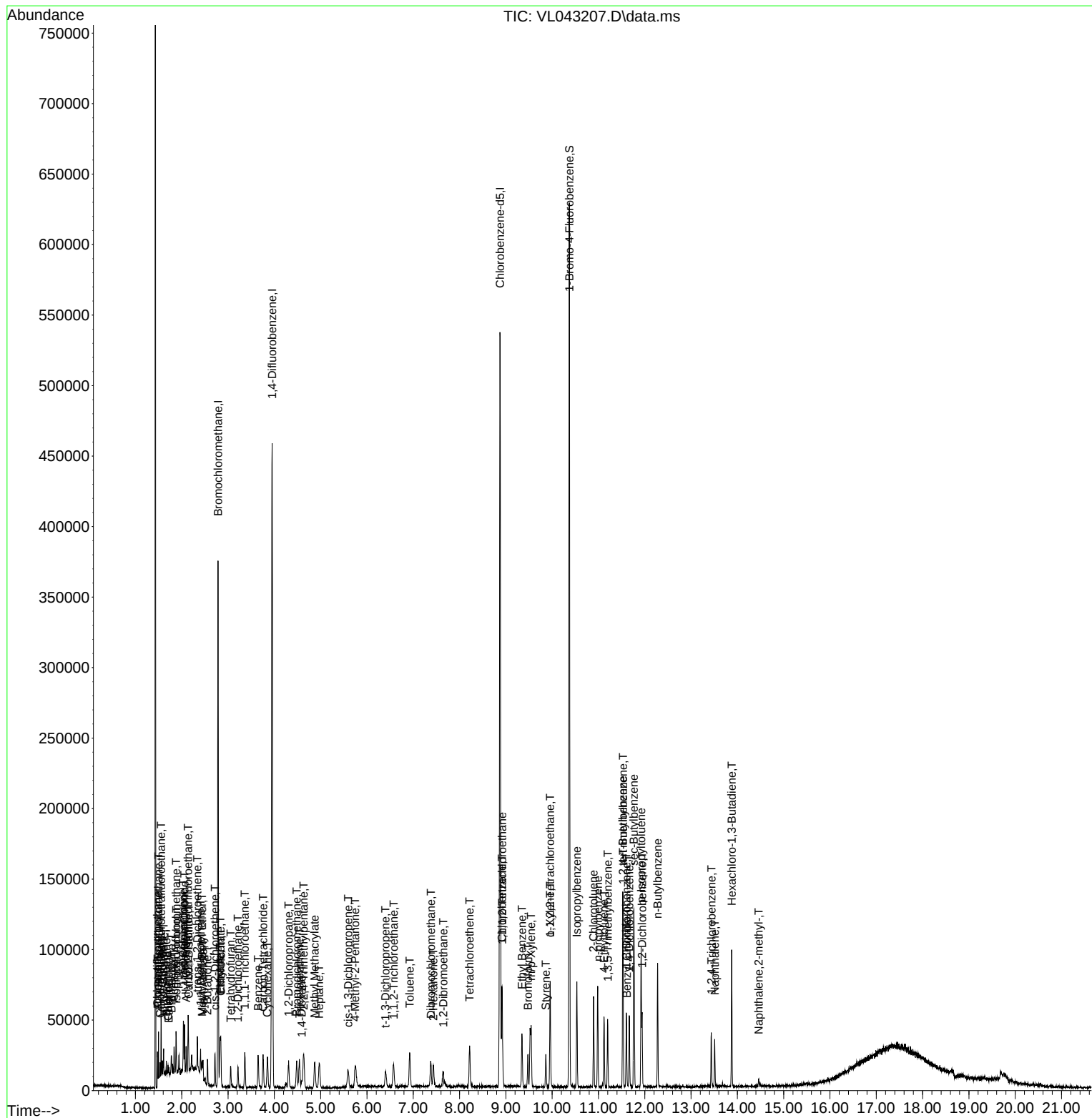
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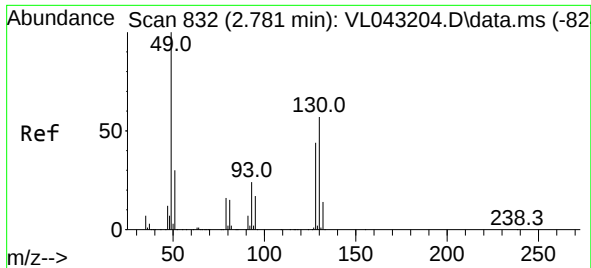
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Manual Integrations
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Supervised By :Mahesh Dadoda 11/19/2025

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111825AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug
QLast Update : Wed Nov 19 00:23:01 2025
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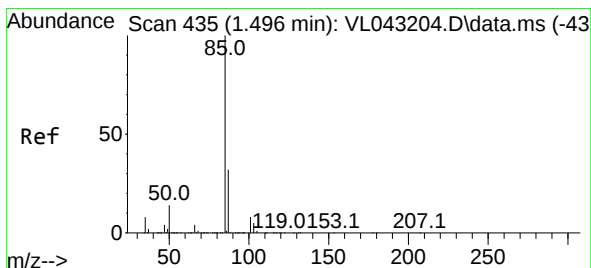
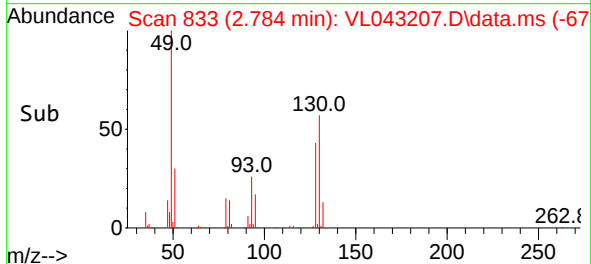
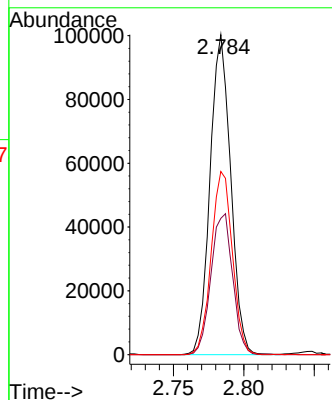
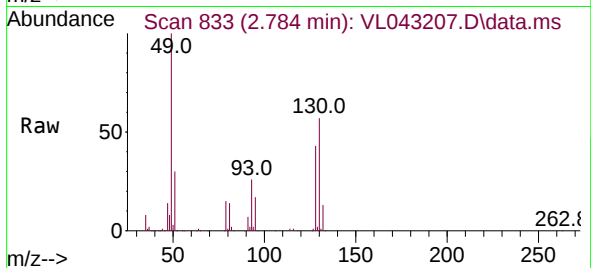
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Bromochloromethane
Concen: 10.000 ppbv
RT: 2.784 min Scan# 832
Delta R.T. 0.003 min
Lab File: VL043207.D
Acq: 18 Nov 2025 11:43

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 49 Resp: 102236
Ion Ratio Lower Upper
49 100
128 46.2 23.0 69.0
130 58.7 29.9 89.7

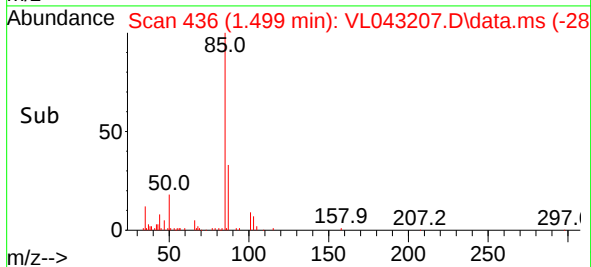
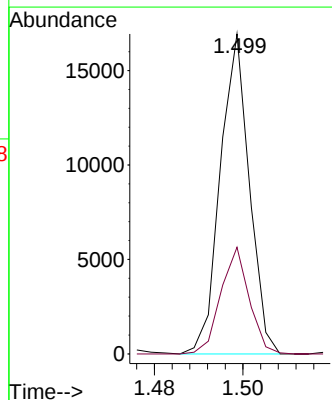
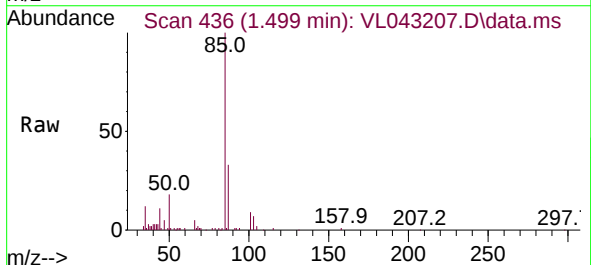
Manual Integrations
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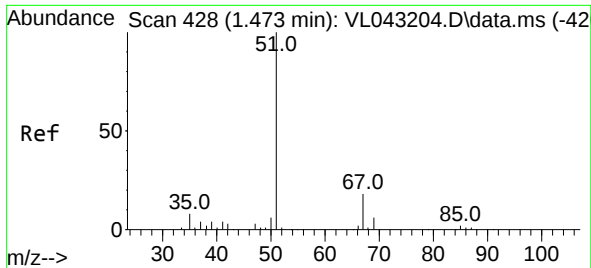
Reviewed By :Semsettin Yesilyurt 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025



#2
Dichlorodifluoromethane
Concen: 0.535 ppbv
RT: 1.499 min Scan# 436
Delta R.T. 0.003 min
Lab File: VL043207.D
Acq: 18 Nov 2025 11:43

Tgt Ion: 85 Resp: 7710
Ion Ratio Lower Upper
85 100
87 33.3 25.4 38.2





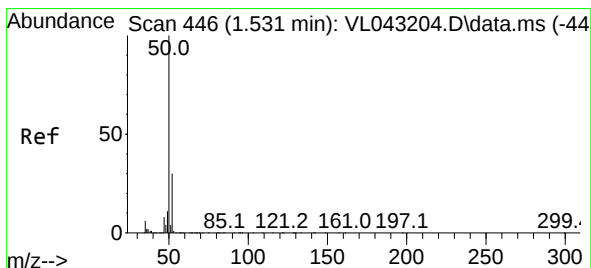
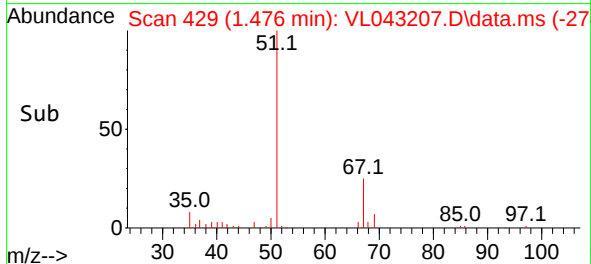
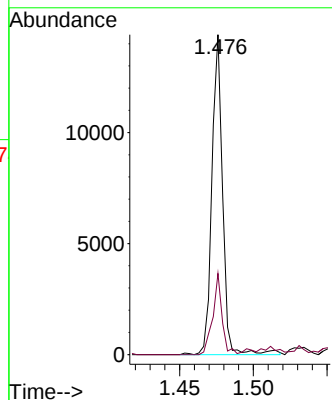
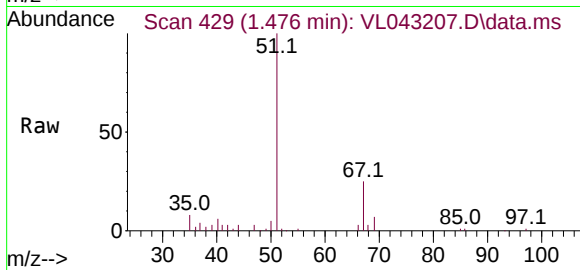
#3
Chlorodifluoromethane
Concen: 0.516 ppbv
RT: 1.476 min Scan# 428
Delta R.T. 0.003 min
Lab File: VL043207.D
Acq: 18 Nov 2025 11:43

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 51 Resp: 7318
Ion Ratio Lower Upper
51 100
67 25.2 14.9 22.3

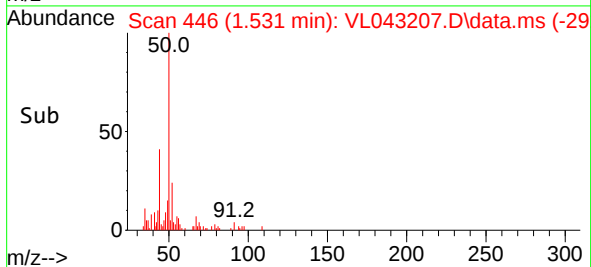
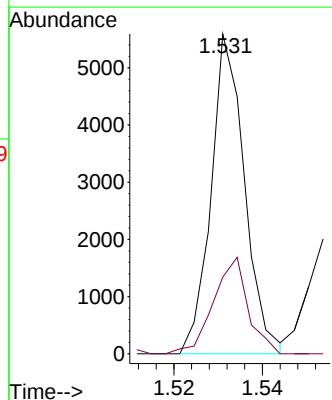
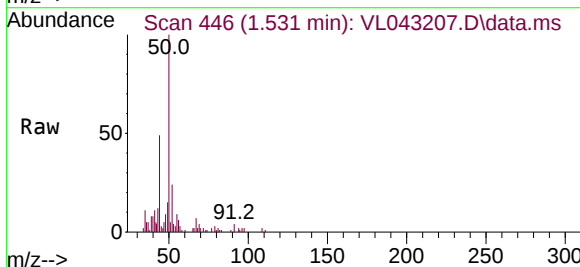
Manual Integrations
APPROVED

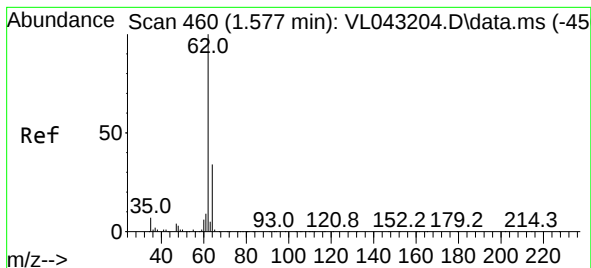
Reviewed By :Semsettin Yesilyurt 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025



#4
Chloromethane
Concen: 0.545 ppbv
RT: 1.531 min Scan# 446
Delta R.T. -0.000 min
Lab File: VL043207.D
Acq: 18 Nov 2025 11:43

Tgt Ion: 50 Resp: 2931
Ion Ratio Lower Upper
50 100
52 24.0 24.1 36.1





#5

Vinyl Chloride

Concen: 0.475 ppbv

RT: 1.580 min Scan# 460

Delta R.T. 0.003 min

Lab File: VL043207.D

Acq: 18 Nov 2025 11:43

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5

Tgt Ion: 62 Resp: 2649

Ion Ratio Lower Upper

62 100

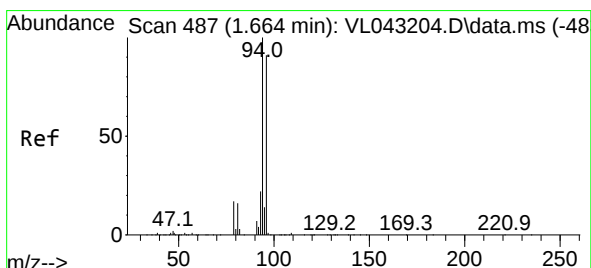
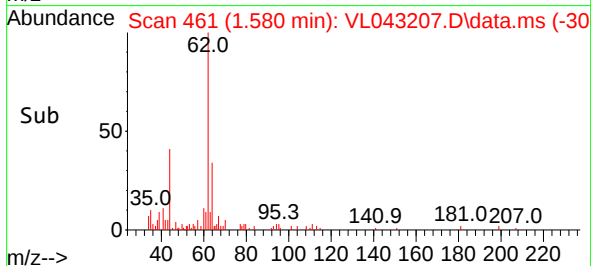
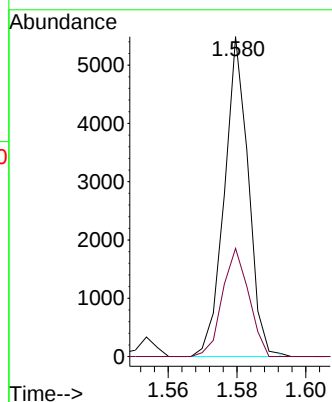
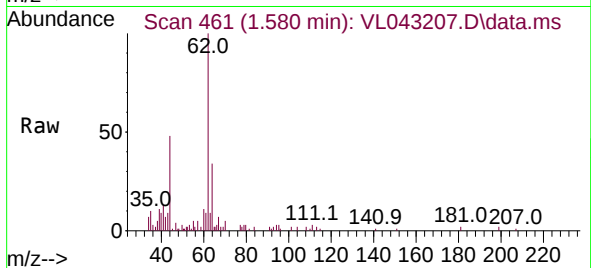
64 33.8 27.3 40.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/19/2025

Supervised By :Mahesh Dadoda 11/19/2025



#6

Bromomethane

Concen: 0.571 ppbv

RT: 1.667 min Scan# 488

Delta R.T. 0.003 min

Lab File: VL043207.D

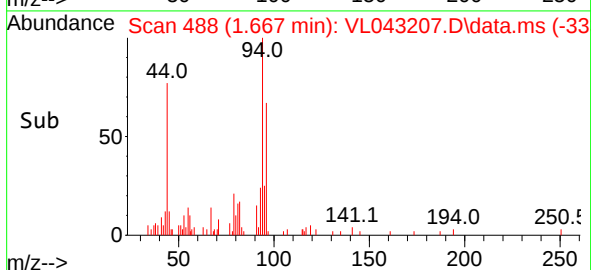
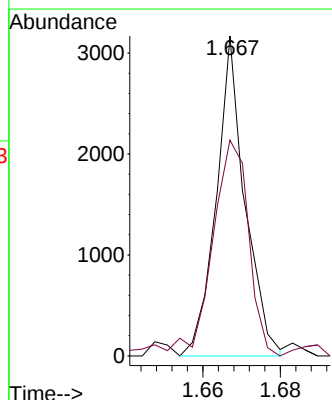
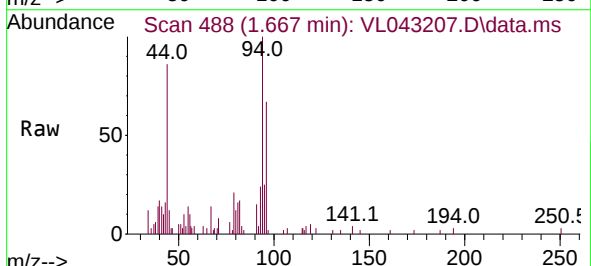
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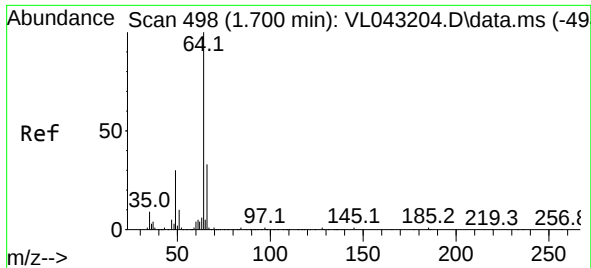
Tgt Ion: 94 Resp: 1631

Ion Ratio Lower Upper

94 100

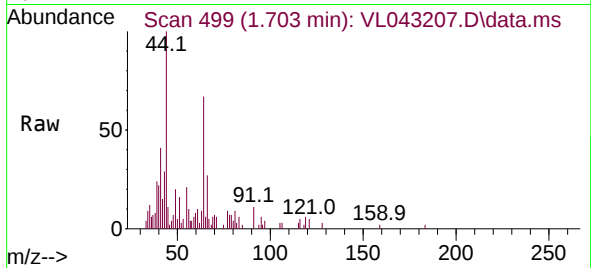
96 67.4 72.9 109.3#





#7
Chloroethane
Concen: 0.474 ppbv
RT: 1.703 min Scan# 499
Delta R.T. 0.003 min
Lab File: VL043207.D
Acq: 18 Nov 2025 11:43

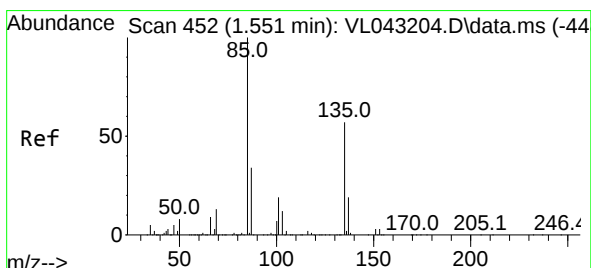
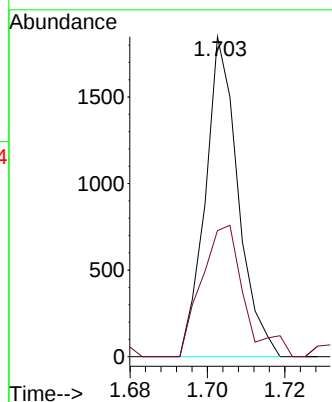
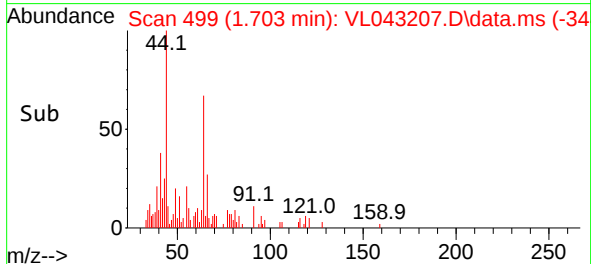
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



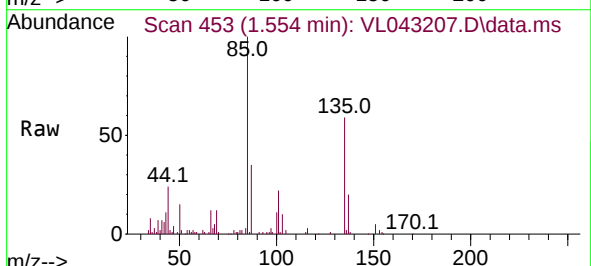
Tgt Ion: 64 Resp: 1089
Ion Ratio Lower Upper
64 100
66 39.4 26.8 40.2

Manual Integrations
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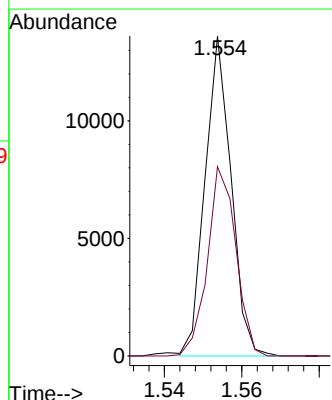
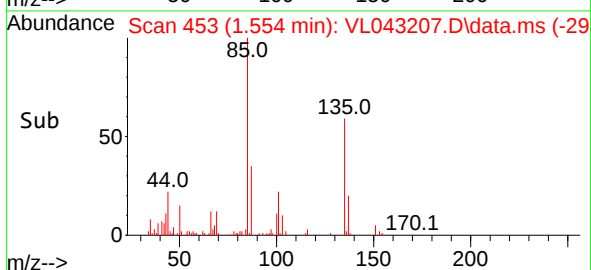
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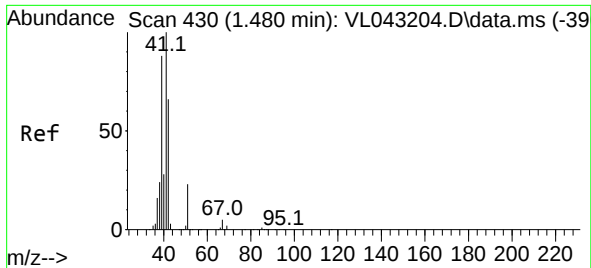


#8
Dichlorotetrafluoroethane
Concen: 0.530 ppbv
RT: 1.554 min Scan# 453
Delta R.T. 0.003 min
Lab File: VL043207.D
Acq: 18 Nov 2025 11:43



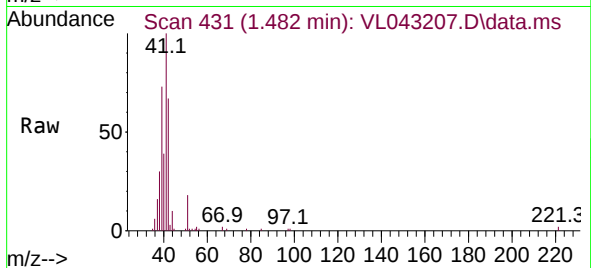
Tgt Ion: 85 Resp: 6362
Ion Ratio Lower Upper
85 100
135 64.8 52.6 79.0





#9
Propene
Concen: 0.502 ppbv
RT: 1.482 min Scan# 430
Delta R.T. 0.003 min
Lab File: VL043207.D
Acq: 18 Nov 2025 11:43

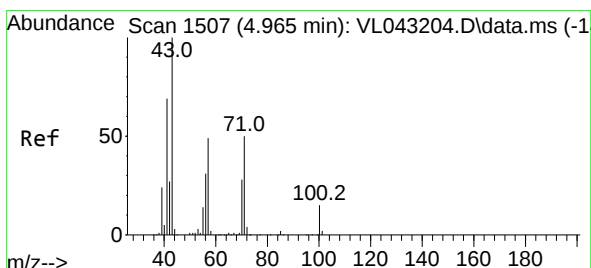
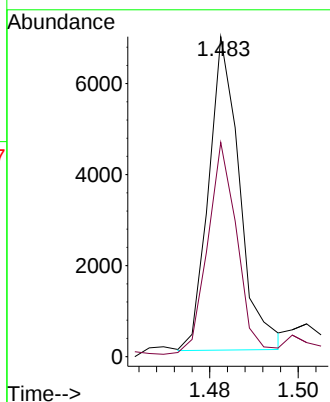
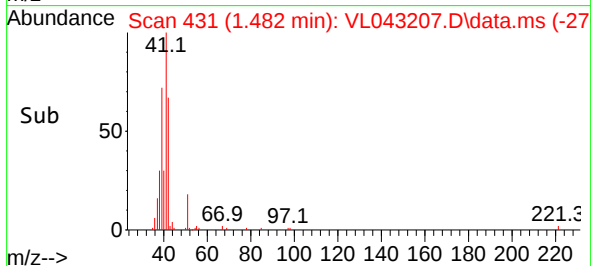
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



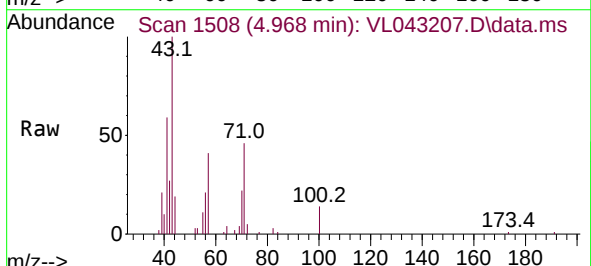
Tgt Ion: 41 Resp: 3350
Ion Ratio Lower Upper
41 100
42 68.0 3.7 5.5

Manual Integrations
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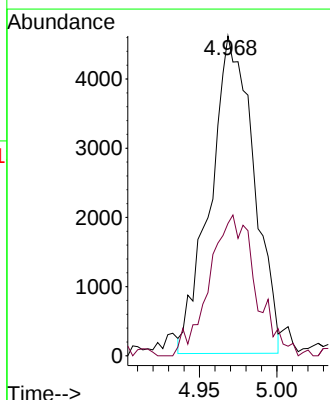
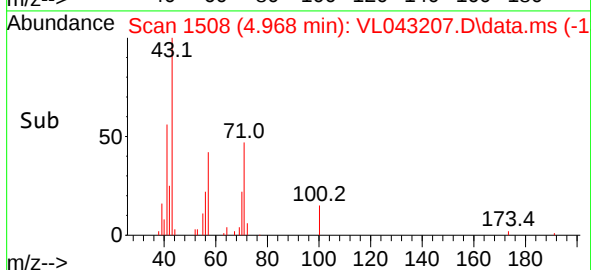
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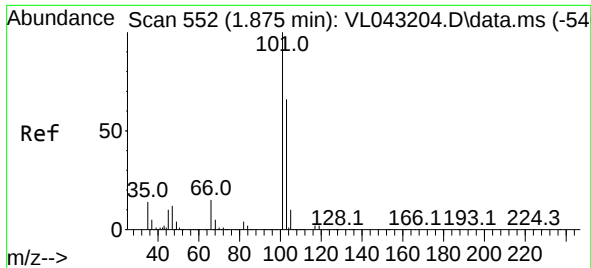


#10
Heptane
Concen: 0.511 ppbv
RT: 4.968 min Scan# 1508
Delta R.T. 0.003 min
Lab File: VL043207.D
Acq: 18 Nov 2025 11:43



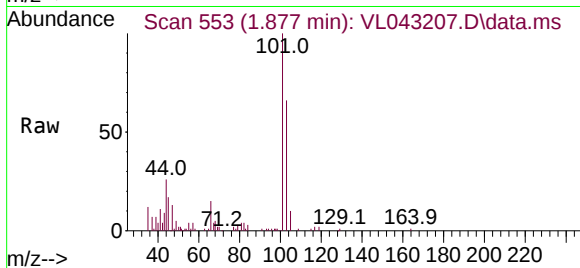
Tgt Ion: 43 Resp: 8985
Ion Ratio Lower Upper
43 100
57 48.2 39.7 59.5





#11
Trichlorofluoromethane
Concen: 0.523 ppbv
RT: 1.877 min Scan# 552
Delta R.T. 0.003 min
Lab File: VL043207.D
Acq: 18 Nov 2025 11:43

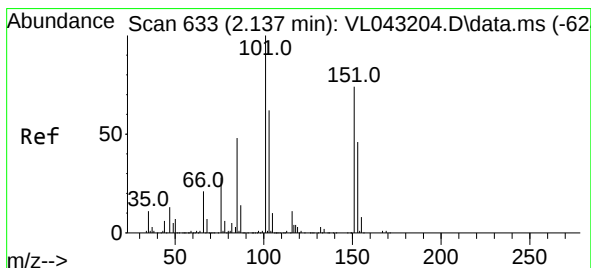
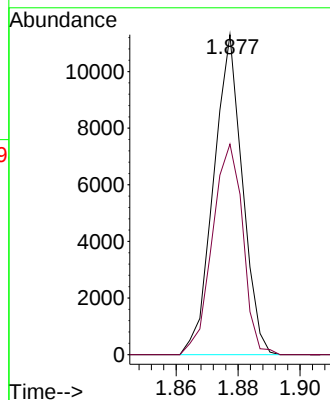
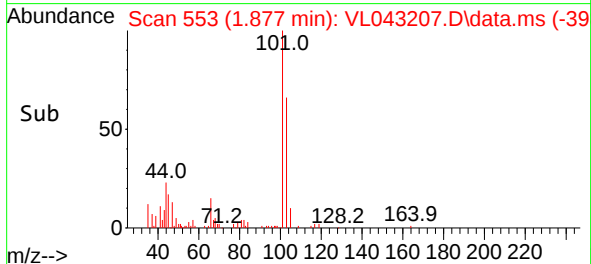
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



Tgt Ion:101 Resp: 7308
Ion Ratio Lower Upper
101 100
103 65.8 52.6 79.0

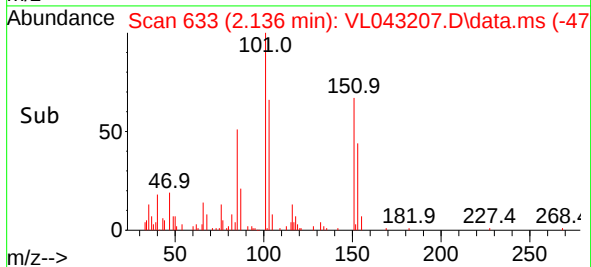
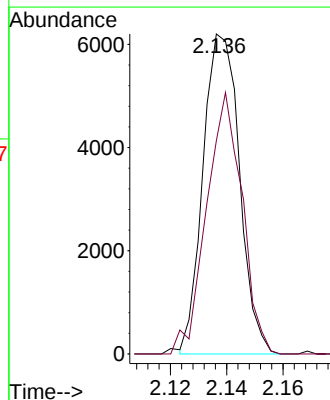
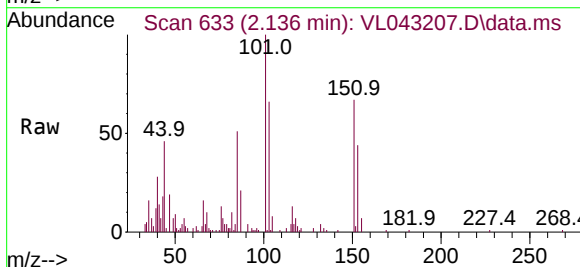
Manual Integrations
APPROVED

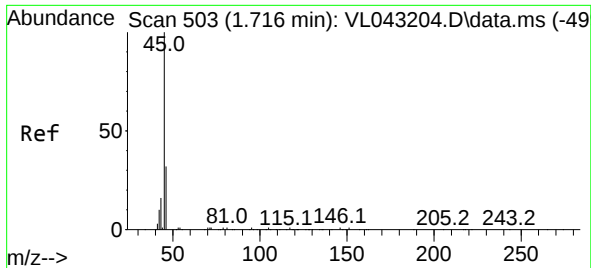
Reviewed By :Semsettin Yesilyurt 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025



#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.512 ppbv
RT: 2.136 min Scan# 633
Delta R.T. -0.000 min
Lab File: VL043207.D
Acq: 18 Nov 2025 11:43

Tgt Ion:101 Resp: 5580
Ion Ratio Lower Upper
101 100
151 79.7 59.2 88.8





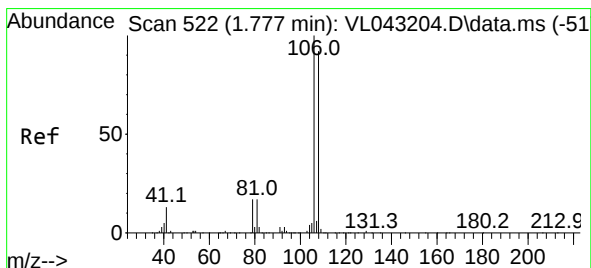
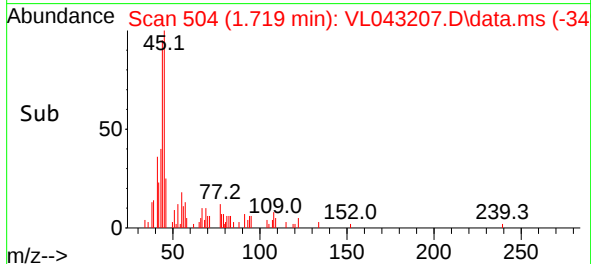
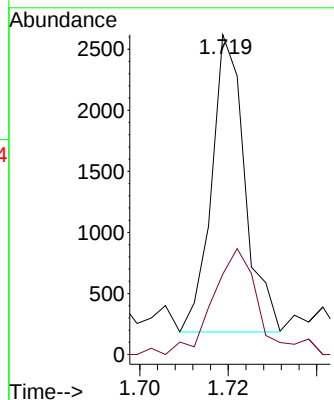
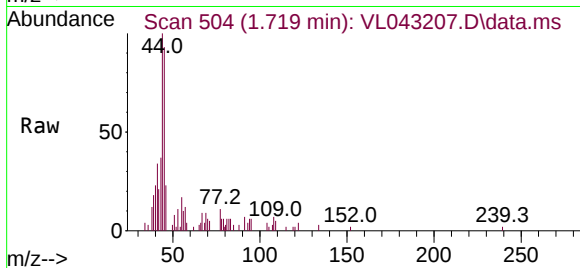
#13
Ethanol
Concen: 0.604 ppbv
RT: 1.719 min Scan# 503
Delta R.T. 0.003 min
Lab File: VL043207.D
Acq: 18 Nov 2025 11:43

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 45 Resp: 1278
Ion Ratio Lower Upper
45 100
46 49.5 15.0 59.8

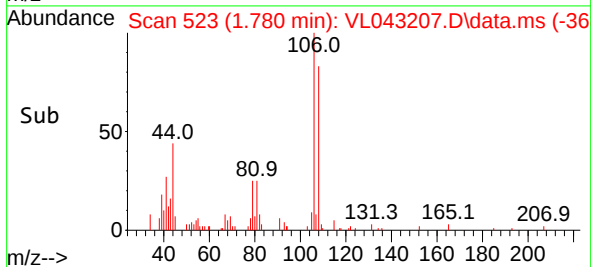
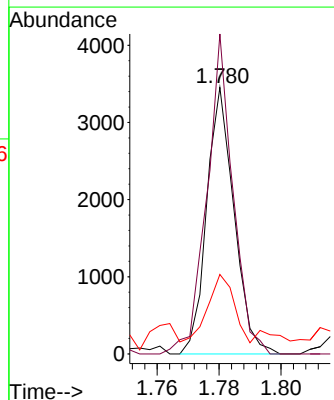
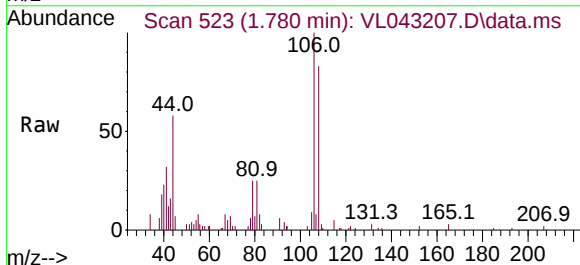
Manual Integrations
APPROVED

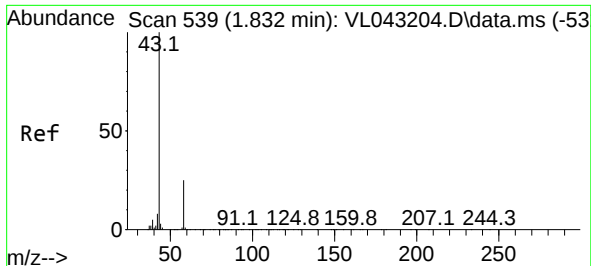
Reviewed By :Semsettin Yesilyurt 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025



#14
Bromoethene
Concen: 0.508 ppbv
RT: 1.780 min Scan# 523
Delta R.T. 0.003 min
Lab File: VL043207.D
Acq: 18 Nov 2025 11:43

Tgt Ion:108 Resp: 2125
Ion Ratio Lower Upper
108 100
106 116.0 88.9 133.3
79 46.1 16.5 24.7#





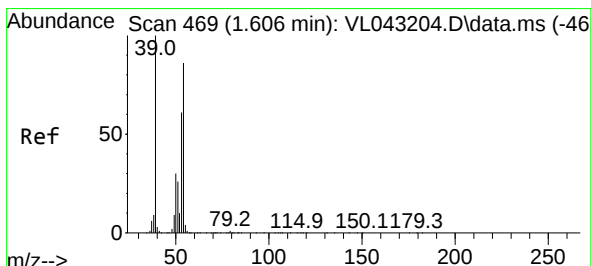
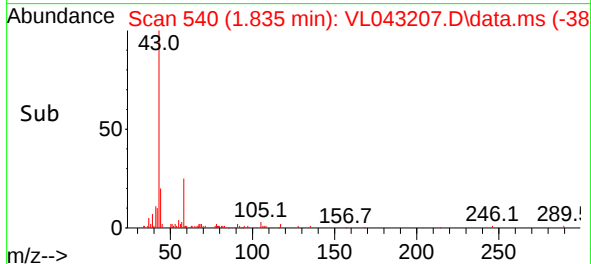
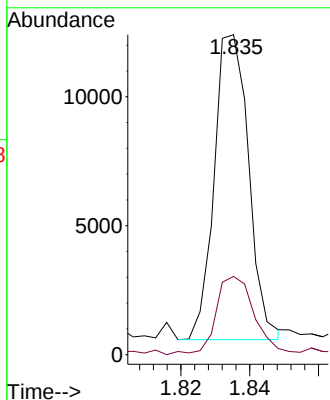
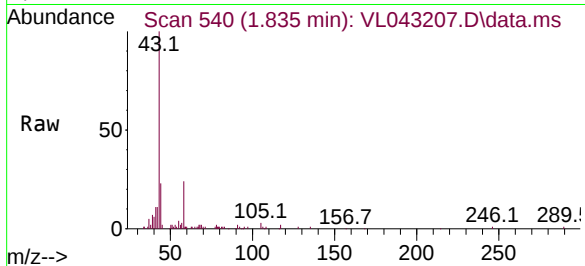
#15
Acetone
Concen: 0.580 ppbv
RT: 1.835 min Scan# 54
Delta R.T. 0.003 min
Lab File: VL043207.D
Acq: 18 Nov 2025 11:43

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 43 Resp: 8232
Ion Ratio Lower Upper
43 100
58 33.1 20.7 31.1

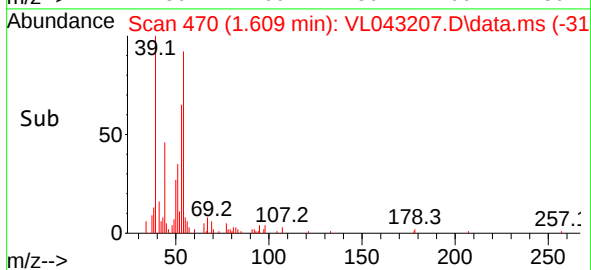
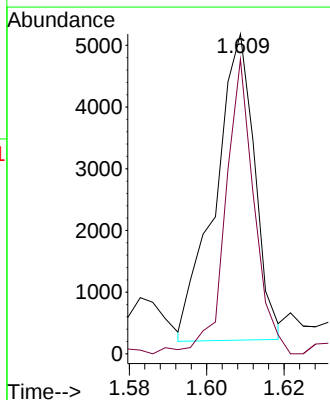
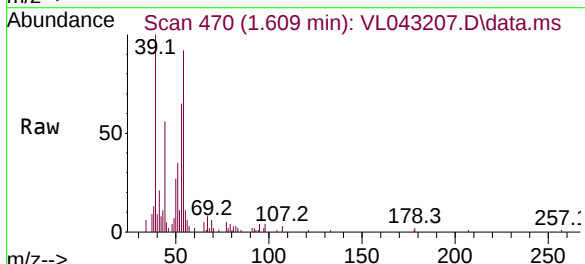
Manual Integrations
APPROVED

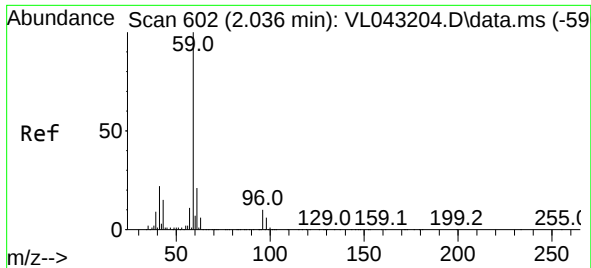
Reviewed By :Semsettin Yesilyurt 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025



#16
1,3-Butadiene
Concen: 0.558 ppbv
RT: 1.609 min Scan# 470
Delta R.T. 0.003 min
Lab File: VL043207.D
Acq: 18 Nov 2025 11:43

Tgt Ion: 39 Resp: 3531
Ion Ratio Lower Upper
39 100
54 68.3 59.4 89.2





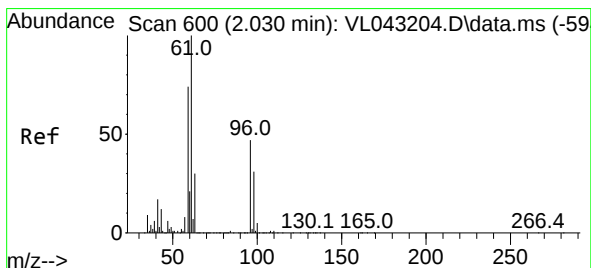
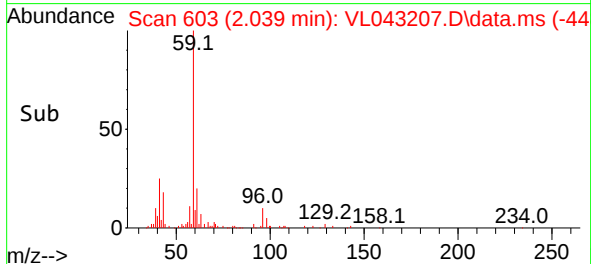
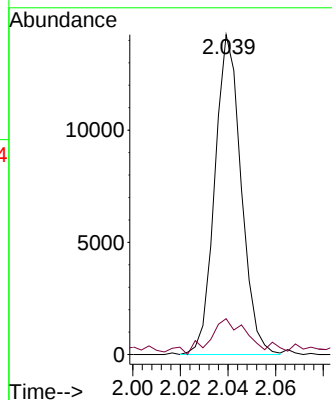
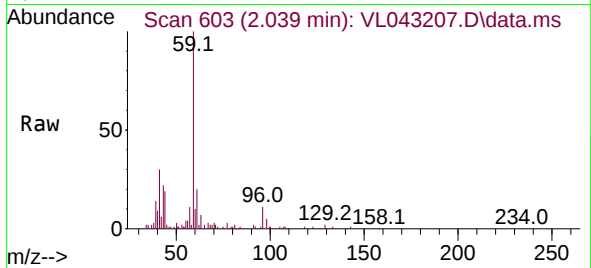
#17
tert-Butyl alcohol
Concen: 0.589 ppbv
RT: 2.039 min Scan# 601
Delta R.T. 0.003 min
Lab File: VL043207.D
Acq: 18 Nov 2025 11:43

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 59 Resp: 10972
Ion Ratio Lower Upper
59 100
57 19.6 9.0 13.4

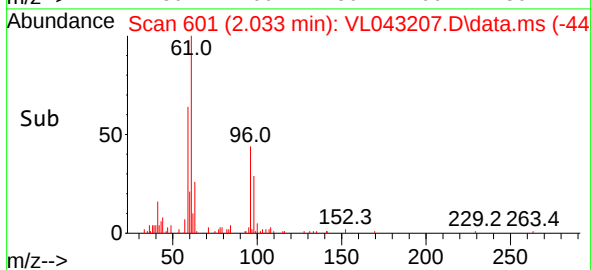
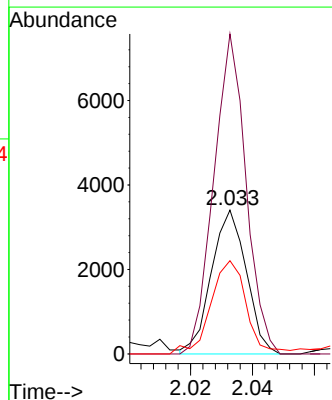
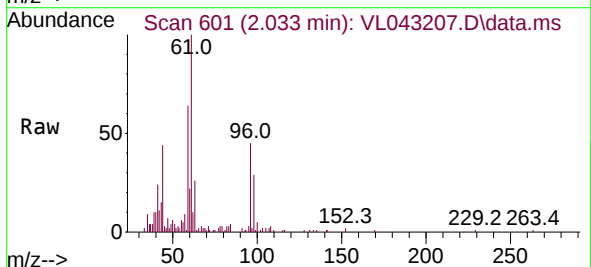
Manual Integrations
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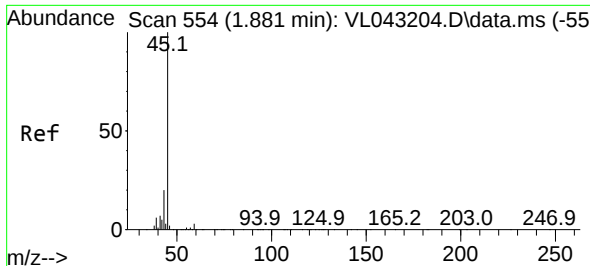
Reviewed By :Semsettin Yesilyurt 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025



#18
1,1-Dichloroethene
Concen: 0.524 ppbv
RT: 2.033 min Scan# 601
Delta R.T. 0.003 min
Lab File: VL043207.D
Acq: 18 Nov 2025 11:43

Tgt Ion: 96 Resp: 2660
Ion Ratio Lower Upper
96 100
61 222.6 170.6 255.8
98 61.7 52.2 78.4





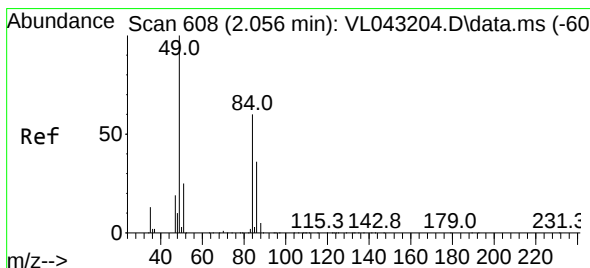
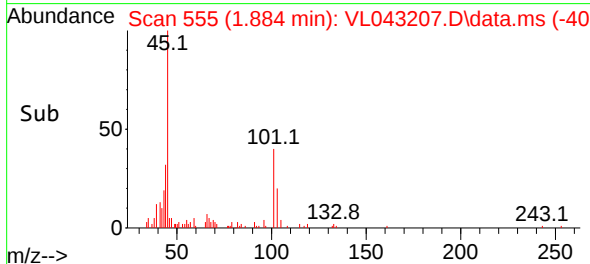
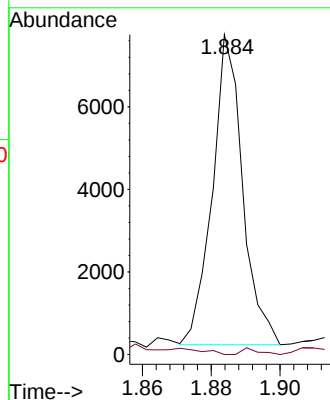
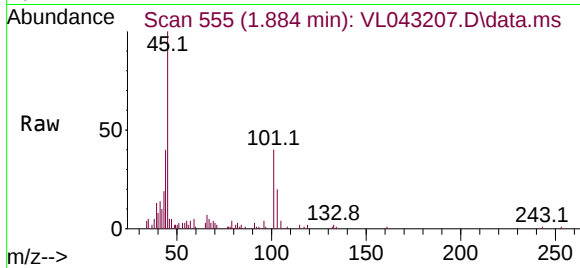
#19
Isopropyl Alcohol
Concen: 0.572 ppbv
RT: 1.884 min Scan# 51
Delta R.T. 0.003 min
Lab File: VL043207.D
Acq: 18 Nov 2025 11:43

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 45 Resp: 4592
Ion Ratio Lower Upper
45 100
58 4.3 31.3 46.9

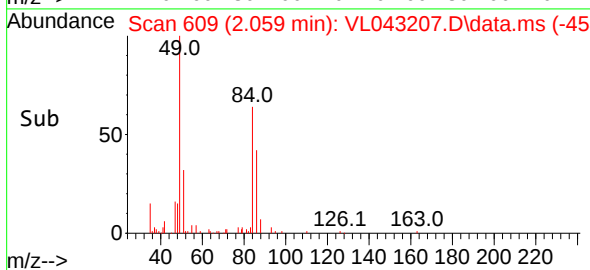
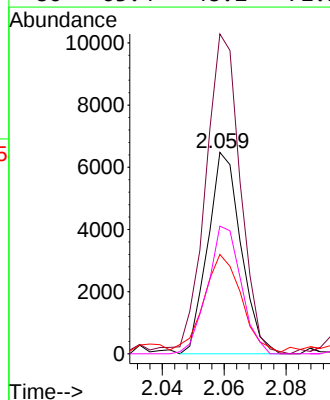
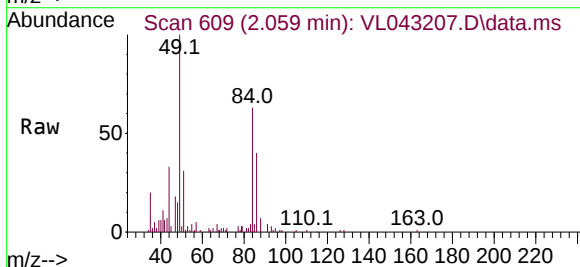
Manual Integrations
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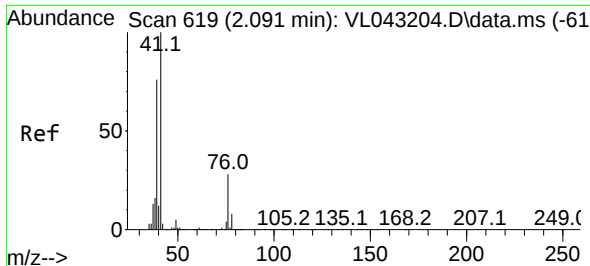
Reviewed By :Semsettin Yesilyurt 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025



#20
Methylene Chloride
Concen: 0.789 ppbv
RT: 2.059 min Scan# 609
Delta R.T. 0.003 min
Lab File: VL043207.D
Acq: 18 Nov 2025 11:43

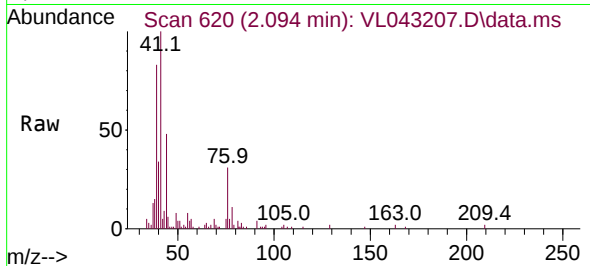
Tgt Ion: 84 Resp: 4845
Ion Ratio Lower Upper
84 100
49 157.6 132.9 199.3
51 48.5 34.8 52.2
86 63.4 48.2 72.2





#21
 Allyl Chloride
 Concen: 0.545 ppbv
 RT: 2.094 min Scan# 619
 Delta R.T. 0.003 min
 Lab File: VL043207.D
 Acq: 18 Nov 2025 11:43

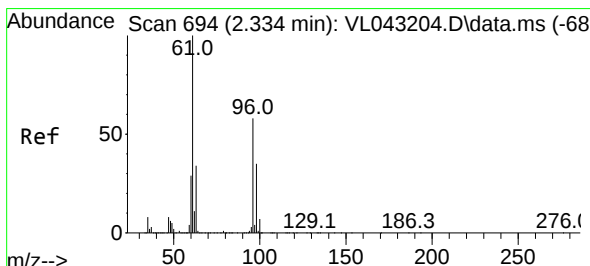
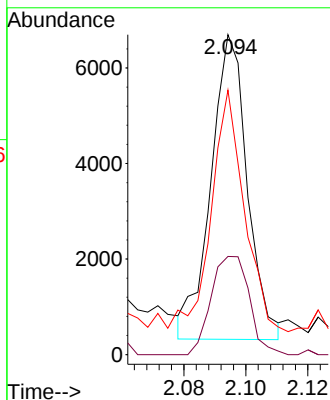
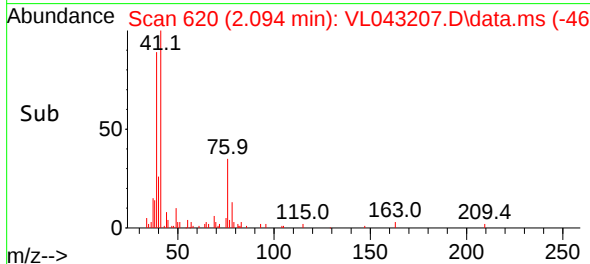
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5



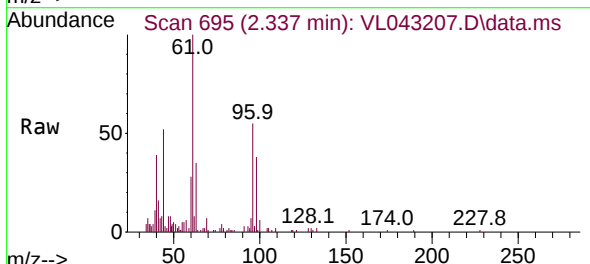
Tgt Ion: 41 Resp: 5210
 Ion Ratio Lower Upper
 41 100
 76 33.8 22.1 33.1
 39 80.5 61.0 91.4

Manual Integrations
 APPROVED

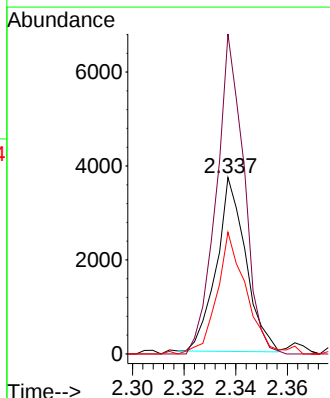
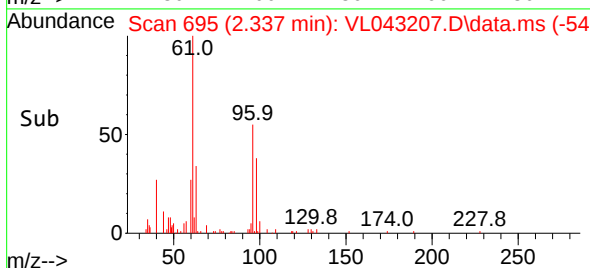
Reviewed By :Semsettin Yesilyurt 11/19/2025
 Supervised By :Mahesh Dadoda 11/19/2025

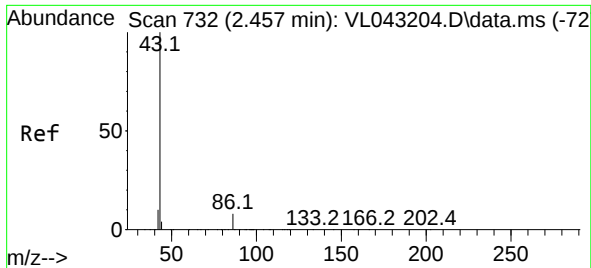


#22
 trans-1,2-Dichloroethene
 Concen: 0.505 ppbv
 RT: 2.337 min Scan# 695
 Delta R.T. 0.003 min
 Lab File: VL043207.D
 Acq: 18 Nov 2025 11:43



Tgt Ion: 96 Resp: 2931
 Ion Ratio Lower Upper
 96 100
 61 184.4 139.0 208.6
 98 70.2 49.4 74.2





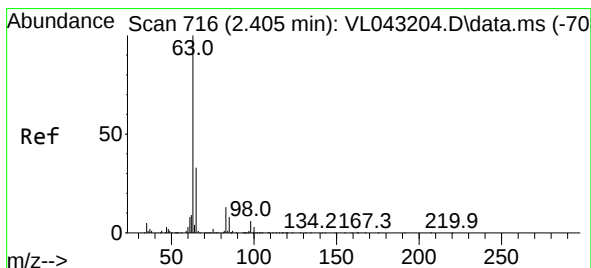
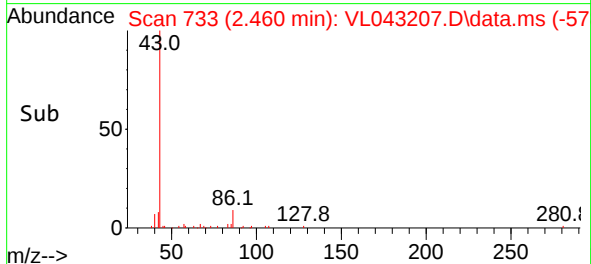
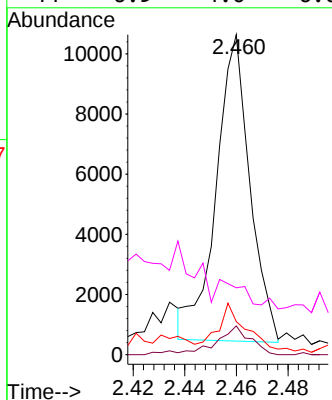
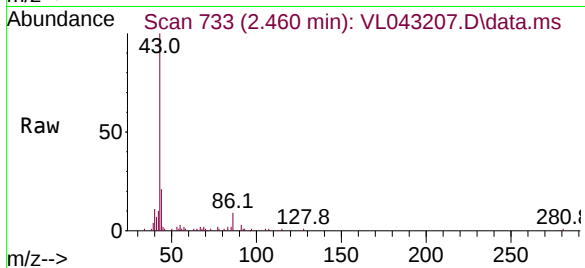
#23
 Vinyl Acetate
 Concen: 0.539 ppbv
 RT: 2.460 min Scan# 732
 Delta R.T. 0.003 min
 Lab File: VL043207.D
 Acq: 18 Nov 2025 11:43

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

Tgt Ion: 43 Resp: 9236
 Ion Ratio Lower Upper
 43 100
 86 9.4 6.2 9.2
 42 9.1 8.0 12.0
 44 6.9 4.0 6.0

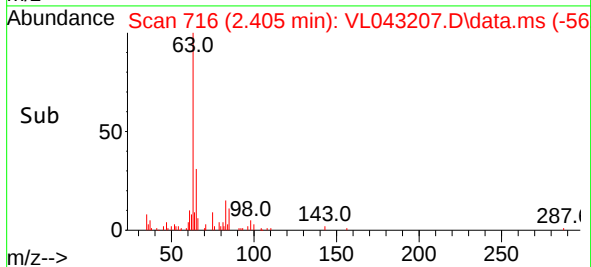
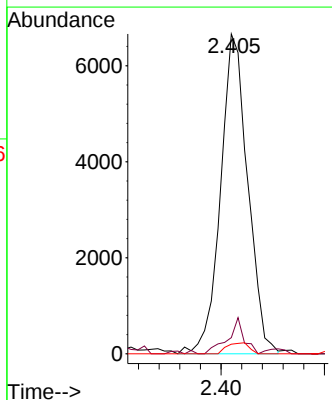
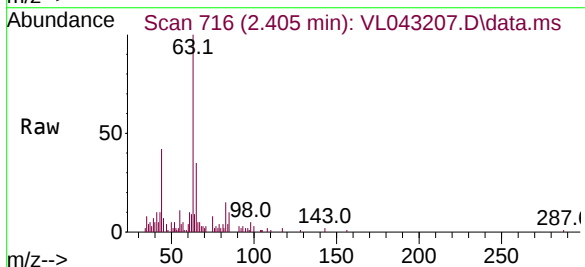
Manual Integrations
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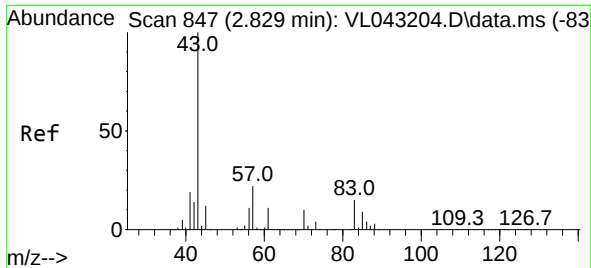
Reviewed By :Semsettin Yesilyurt 11/19/2025
 Supervised By :Mahesh Dadoda 11/19/2025



#24
 1,1-Dichloroethane
 Concen: 0.545 ppbv
 RT: 2.405 min Scan# 716
 Delta R.T. -0.000 min
 Lab File: VL043207.D
 Acq: 18 Nov 2025 11:43

Tgt Ion: 63 Resp: 6101
 Ion Ratio Lower Upper
 63 100
 98 4.2 2.8 8.4
 100 3.0 1.3 3.9





#25
Ethyl Acetate
Concen: 0.529 ppbv
RT: 2.832 min Scan# 84
Delta R.T. 0.003 min
Lab File: VL043207.D
Acq: 18 Nov 2025 11:43

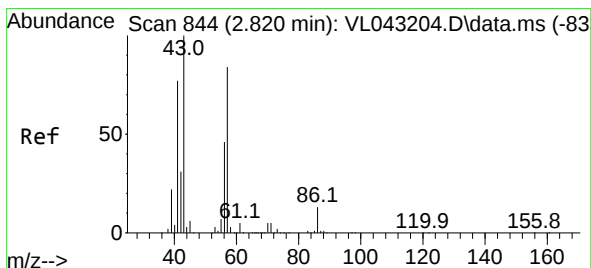
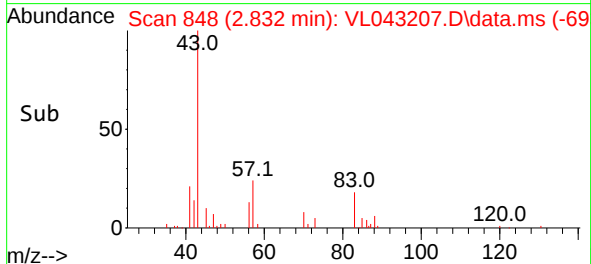
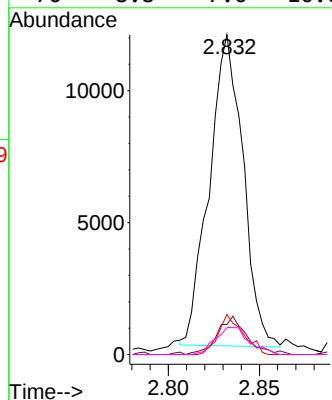
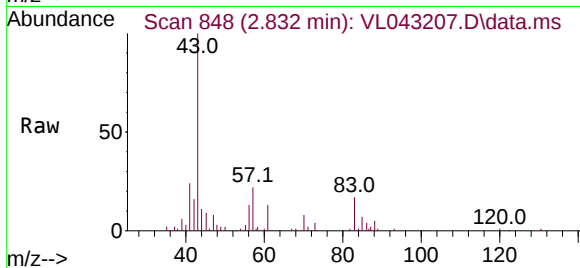
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 43 Resp: 1520

Ion	Ratio	Lower	Upper
43	100		
45	11.3	8.1	12.1
61	9.4	7.0	10.4
70	8.8	7.0	10.6

Manual Integrations
APPROVED

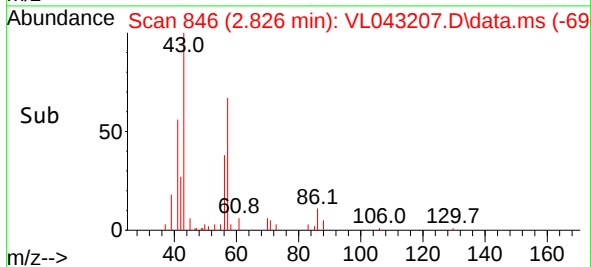
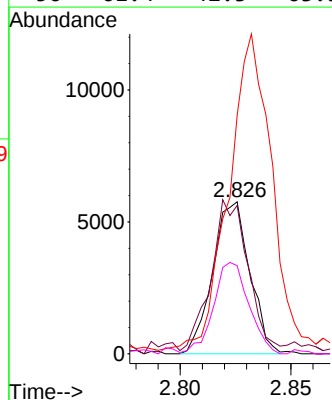
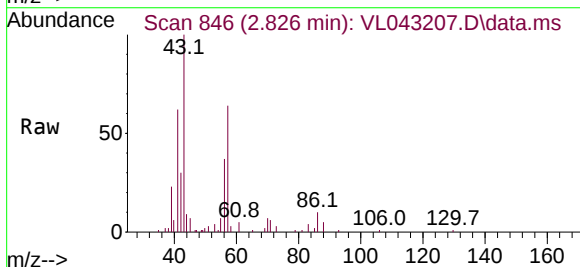
Reviewed By :Semsettin Yesilyurt 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025

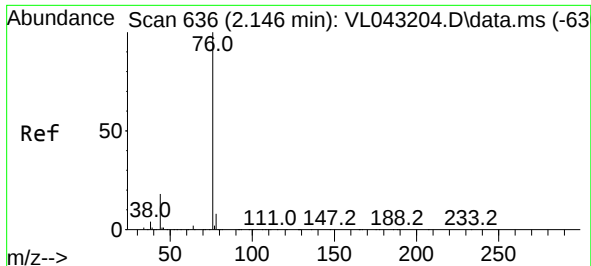


#26
Hexane
Concen: 0.500 ppbv
RT: 2.826 min Scan# 846
Delta R.T. 0.006 min
Lab File: VL043207.D
Acq: 18 Nov 2025 11:43

Tgt Ion: 57 Resp: 6714

Ion	Ratio	Lower	Upper
57	100		
41	103.5	74.6	111.8
43	245.7	179.0	268.4
56	61.4	42.3	63.5





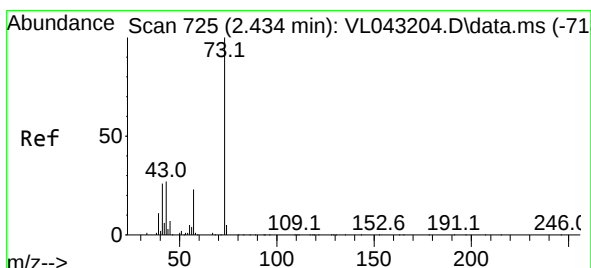
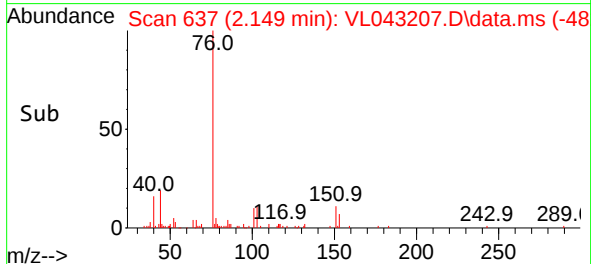
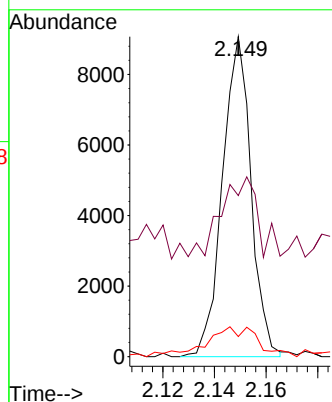
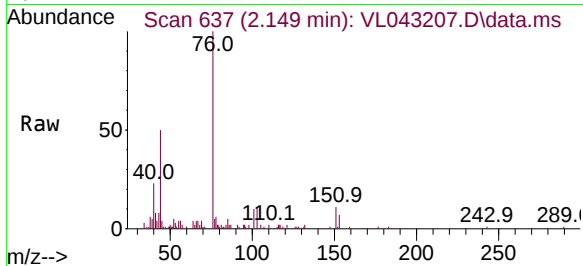
#27
Carbon Disulfide
Concen: 0.507 ppbv
RT: 2.149 min Scan# 637
Delta R.T. 0.003 min
Lab File: VL043207.D
Acq: 18 Nov 2025 11:43

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 76 Resp: 6952
Ion Ratio Lower Upper
76 100
44 122.2 16.1 24.1
78 19.1 9.6 14.4

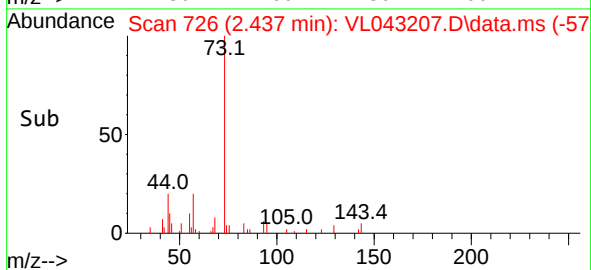
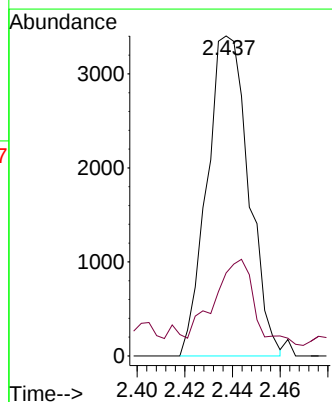
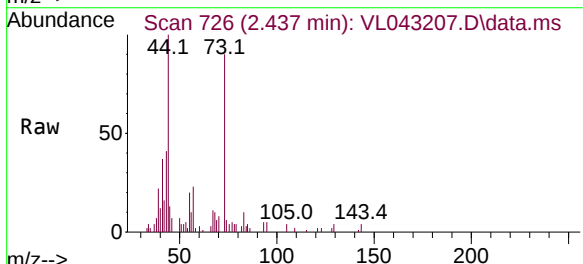
Manual Integrations
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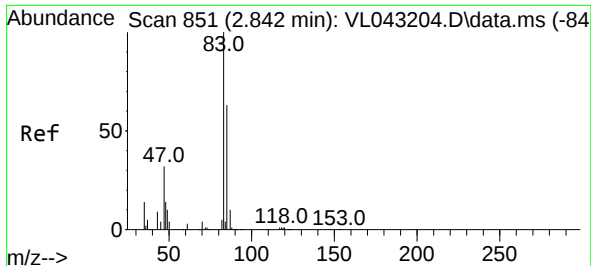
Reviewed By :Semsettin Yesilyurt 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025



#28
Methyl tert-Butyl Ether
Concen: 0.627 ppbv
RT: 2.437 min Scan# 726
Delta R.T. 0.003 min
Lab File: VL043207.D
Acq: 18 Nov 2025 11:43

Tgt Ion: 73 Resp: 4135
Ion Ratio Lower Upper
73 100
57 28.2 19.8 29.8





#29

Chloroform

Concen: 0.525 ppbv

RT: 2.845 min Scan# 851

Delta R.T. 0.003 min

Lab File: VL043207.D

Acq: 18 Nov 2025 11:43

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5

Tgt Ion: 83 Resp: 1002

Ion Ratio Lower Upper

83 100

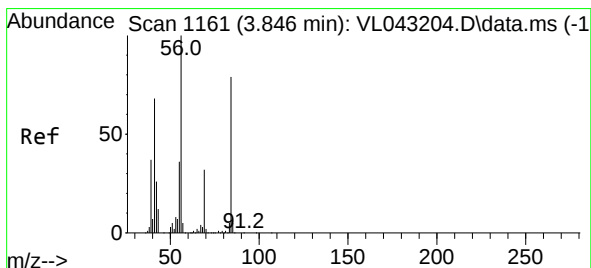
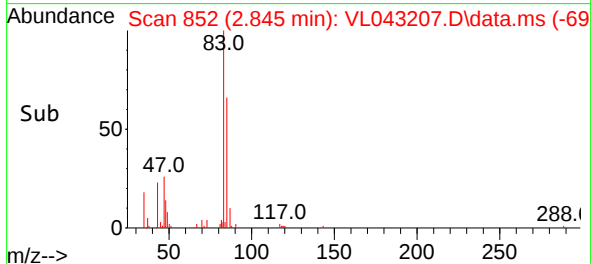
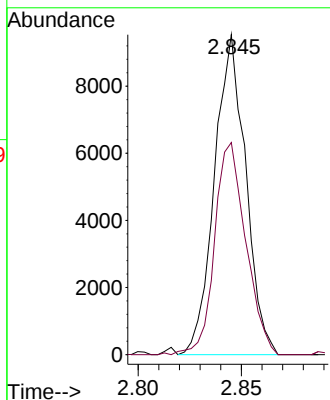
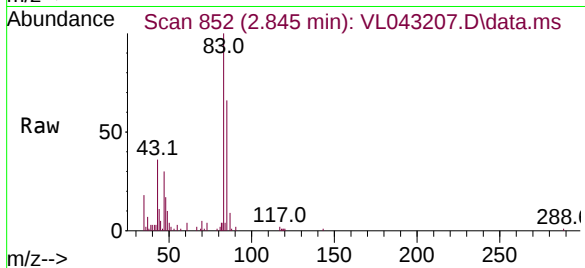
85 66.3 50.5 75.7

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/19/2025

Supervised By :Mahesh Dadoda 11/19/2025



#30

Cyclohexane

Concen: 0.522 ppbv

RT: 3.845 min Scan# 1161

Delta R.T. -0.000 min

Lab File: VL043207.D

Acq: 18 Nov 2025 11:43

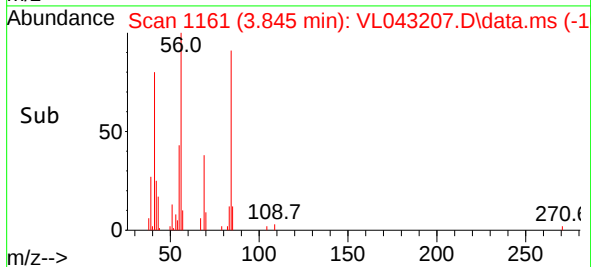
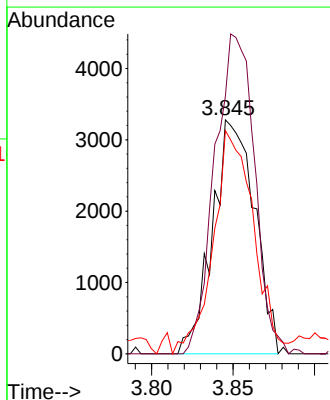
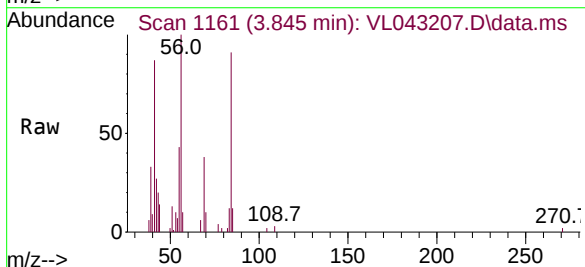
Tgt Ion: 84 Resp: 5881

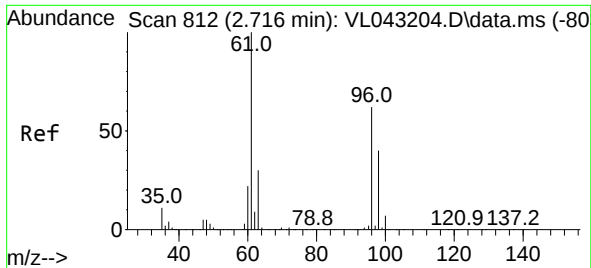
Ion Ratio Lower Upper

84 100

56 129.6 104.7 157.1

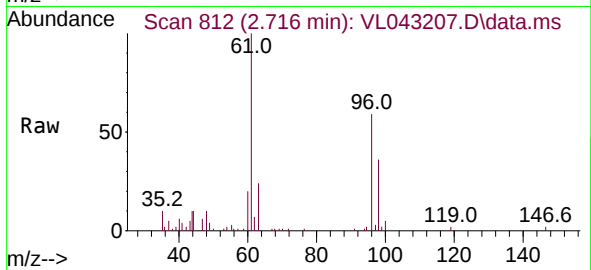
41 81.2 69.0 103.6





#31
 cis-1,2-Dichloroethene
 Concen: 0.537 ppbv
 RT: 2.716 min Scan# 812
 Delta R.T. -0.000 min
 Lab File: VL043207.D
 Acq: 18 Nov 2025 11:43

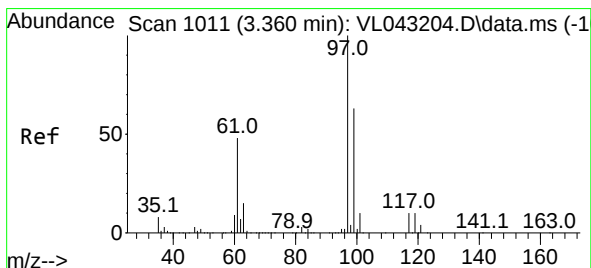
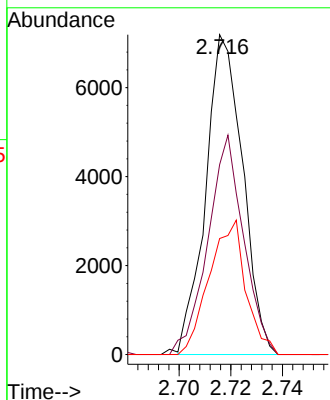
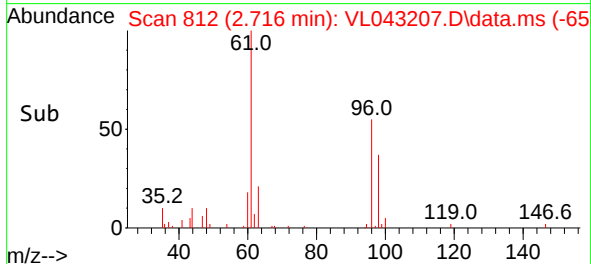
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5



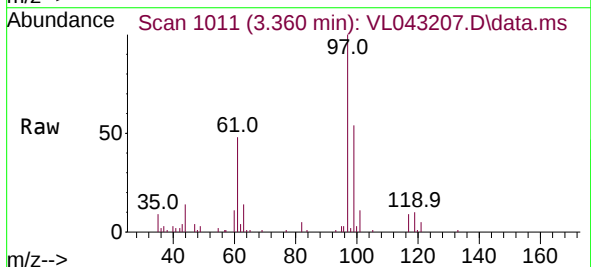
Tgt Ion: 61 Resp: 7169
 Ion Ratio Lower Upper
 61 100
 96 59.4 49.3 73.9
 98 36.3 32.1 48.1

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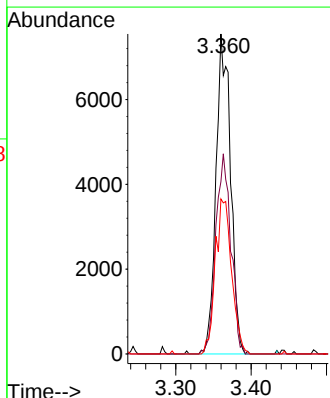
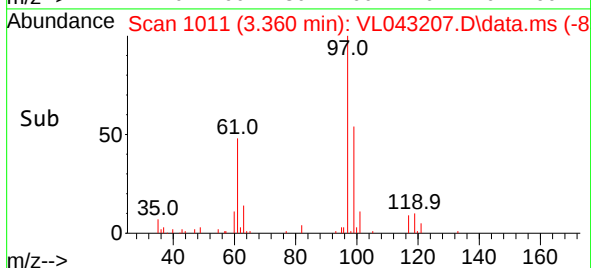
Reviewed By :Semsettin Yesilyurt 11/19/2025
 Supervised By :Mahesh Dadoda 11/19/2025

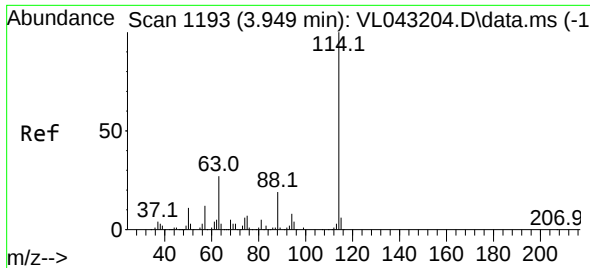


#32
 1,1,1-Trichloroethane
 Concen: 0.500 ppbv m
 RT: 3.360 min Scan# 1011
 Delta R.T. -0.000 min
 Lab File: VL043207.D
 Acq: 18 Nov 2025 11:43



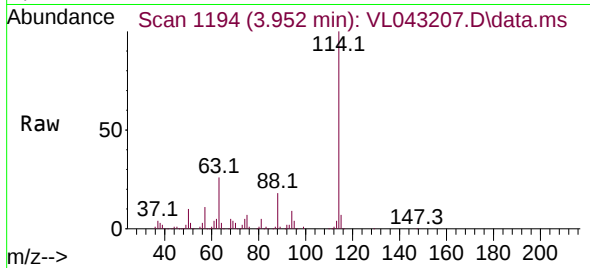
Tgt Ion: 97 Resp: 10167
 Ion Ratio Lower Upper
 97 100
 99 65.0 50.3 75.5
 61 0.0 38.9 58.3#





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.952 min Scan# 1194
Delta R.T. 0.003 min
Lab File: VL043207.D
Acq: 18 Nov 2025 11:43

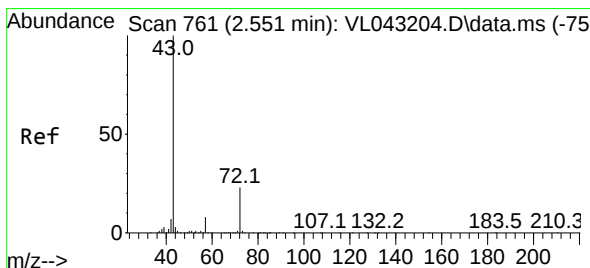
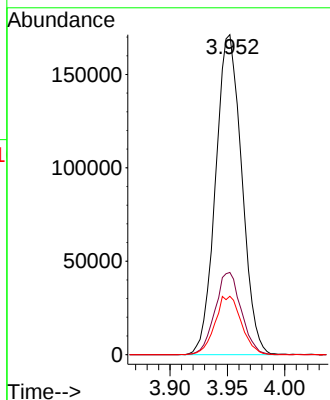
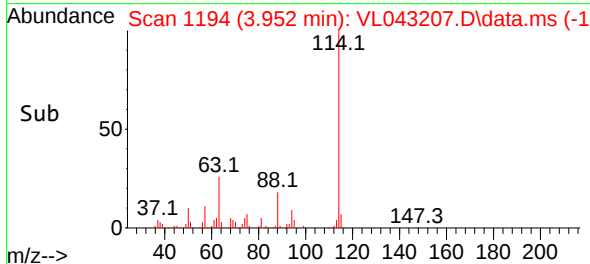
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



Tgt Ion:114 Resp: 271576
Ion Ratio Lower Upper
114 100
63 25.7 21.0 31.6
88 18.4 14.9 22.3

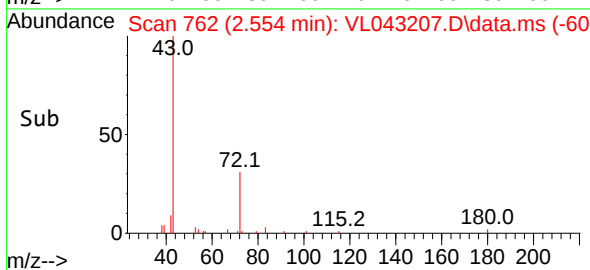
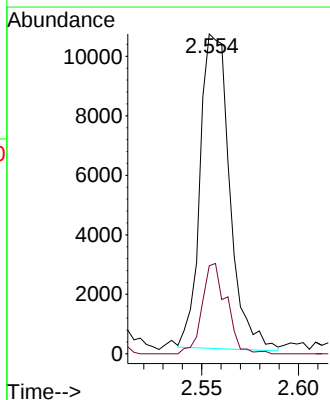
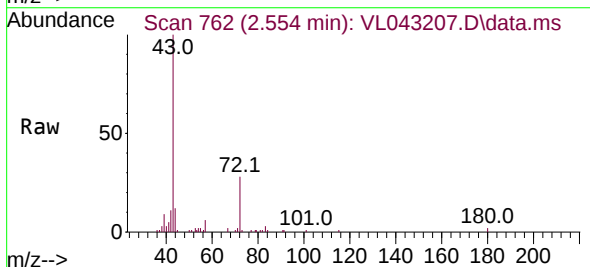
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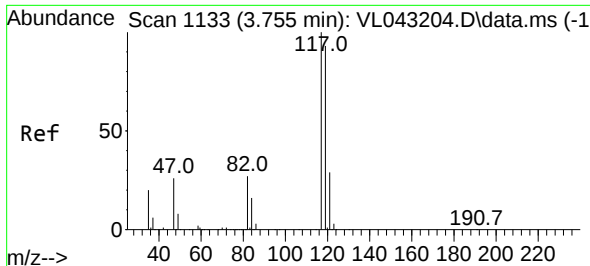
Reviewed By :Semsettin Yesilyurt 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025



#34
2-Butanone
Concen: 0.587 ppbv
RT: 2.554 min Scan# 762
Delta R.T. 0.003 min
Lab File: VL043207.D
Acq: 18 Nov 2025 11:43

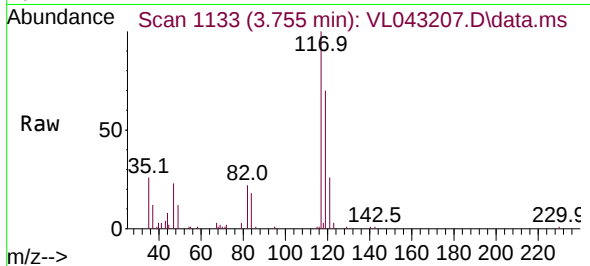
Tgt Ion: 43 Resp: 11246
Ion Ratio Lower Upper
43 100
72 23.9 18.1 27.1





#35
Carbon Tetrachloride
Concen: 0.483 ppbv m
RT: 3.755 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VL043207.D
Acq: 18 Nov 2025 11:43

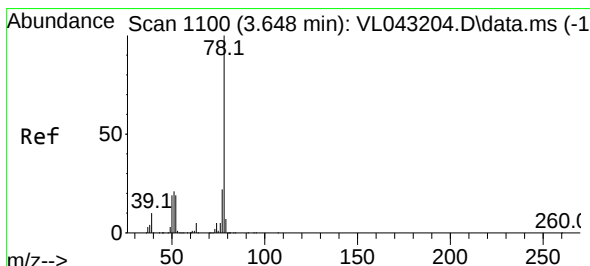
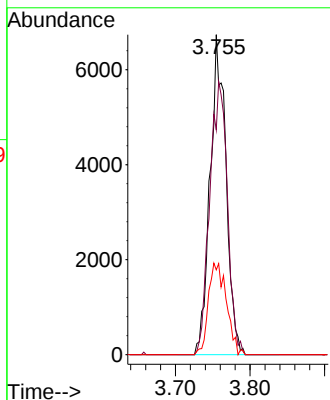
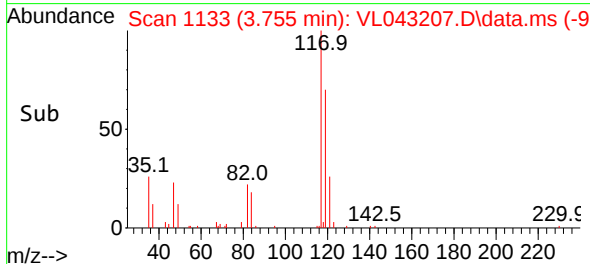
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



Tgt Ion:117 Resp: 9949
Ion Ratio Lower Upper
117 100
119 70.2 74.6 112.0
121 26.5 23.2 34.8

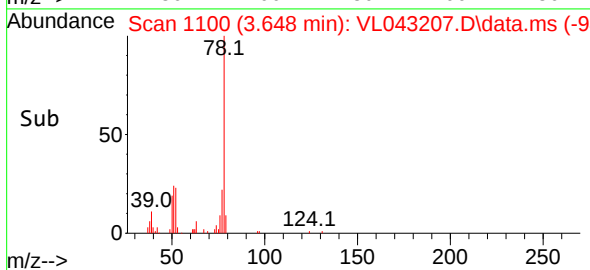
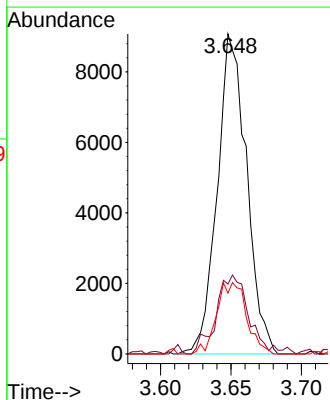
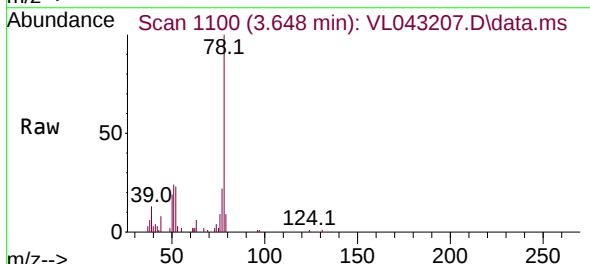
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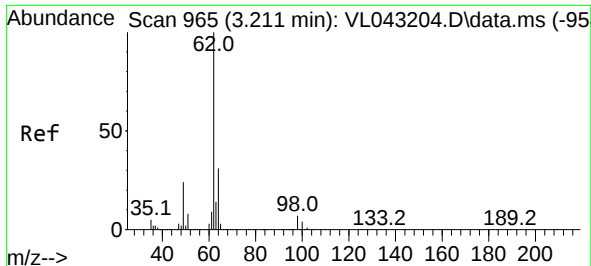
Reviewed By :Semsettin Yesilyurt 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025



#36
Benzene
Concen: 0.506 ppbv
RT: 3.648 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VL043207.D
Acq: 18 Nov 2025 11:43

Tgt Ion: 78 Resp: 13151
Ion Ratio Lower Upper
78 100
77 20.7 17.5 26.3
50 19.0 15.5 23.3





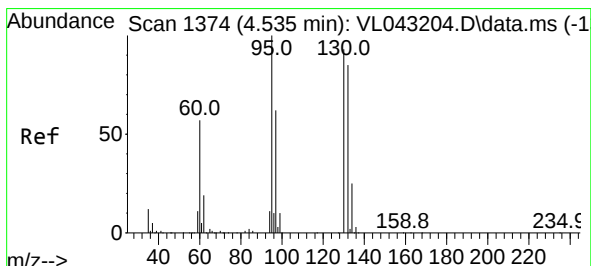
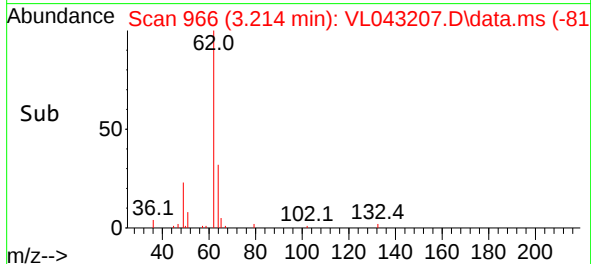
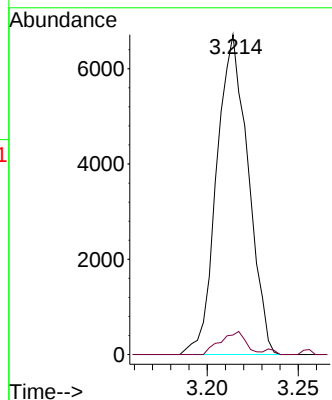
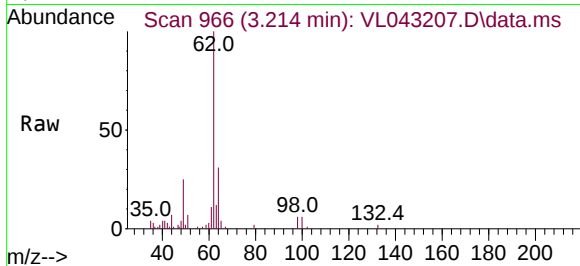
#37
1,2-Dichloroethane
Concen: 0.531 ppbv
RT: 3.214 min Scan# 965
Delta R.T. 0.003 min
Lab File: VL043207.D
Acq: 18 Nov 2025 11:43

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 62 Resp: 8076
Ion Ratio Lower Upper
62 100
98 6.4 5.5 8.3

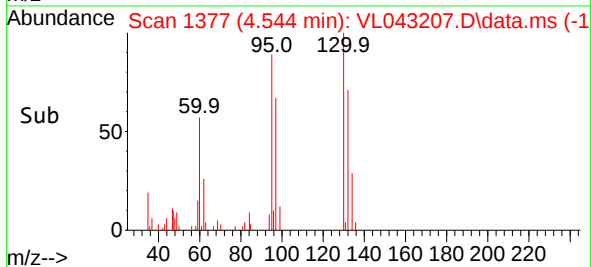
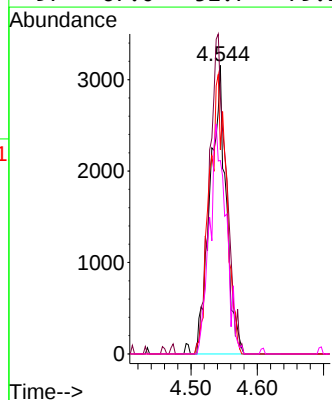
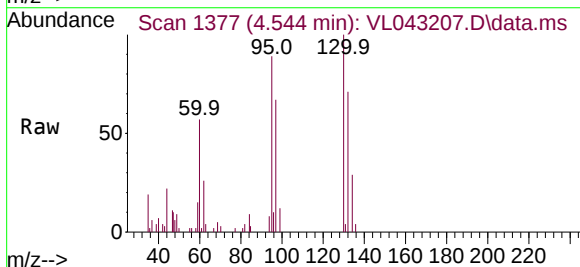
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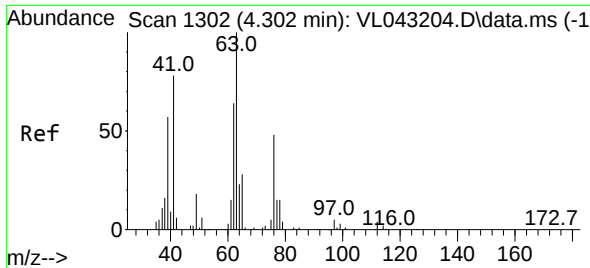
Reviewed By :Semsettin Yesilyurt 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025



#38
Trichloroethene
Concen: 0.516 ppbv m
RT: 4.544 min Scan# 1377
Delta R.T. 0.009 min
Lab File: VL043207.D
Acq: 18 Nov 2025 11:43

Tgt Ion:130 Resp: 5257
Ion Ratio Lower Upper
130 100
95 89.3 85.7 128.5
132 70.8 73.4 110.0#
97 67.0 52.7 79.1





#39

1,2-Dichloropropane

Concen: 0.519 ppbv m

RT: 4.308 min Scan# 1302

Delta R.T. 0.006 min

Lab File: VL043207.D

Acq: 18 Nov 2025 11:43

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

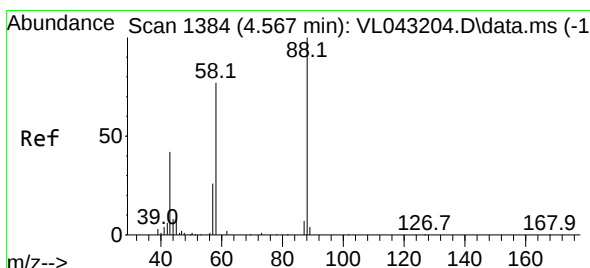
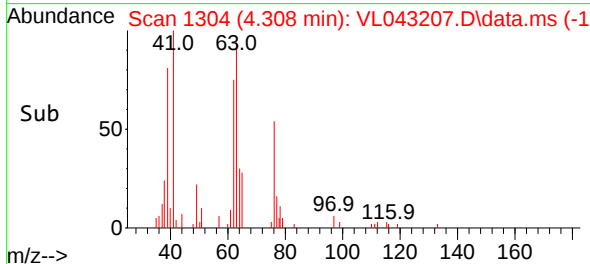
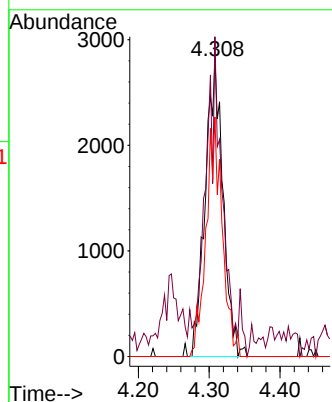
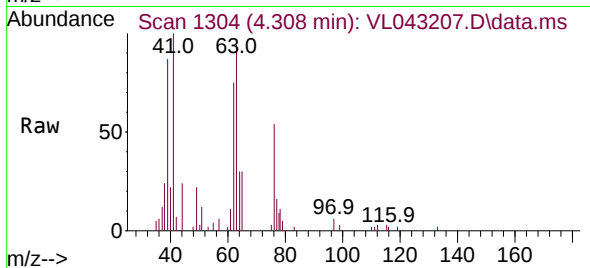
Tgt Ion:	63	Resp:	493
Ion	Ratio	Lower	Upper
63	100		
41	106.9	62.6	93.8
62	80.1	51.0	76.6

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/19/2025

Supervised By :Mahesh Dadoda 11/19/2025



#40

1,4-Dioxane

Concen: 0.551 ppbv m

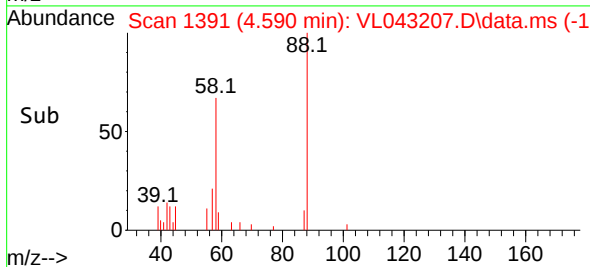
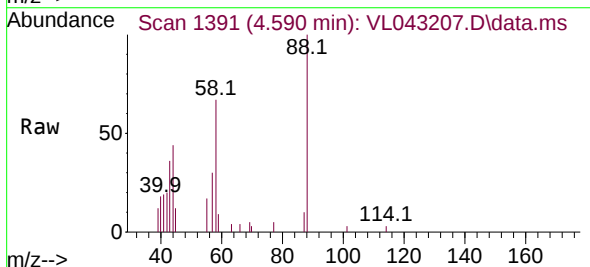
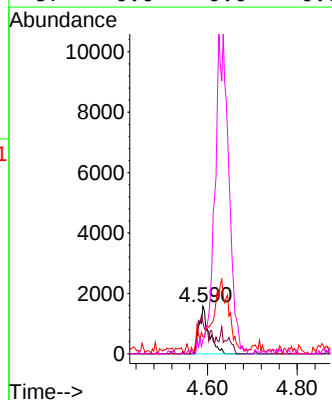
RT: 4.590 min Scan# 1391

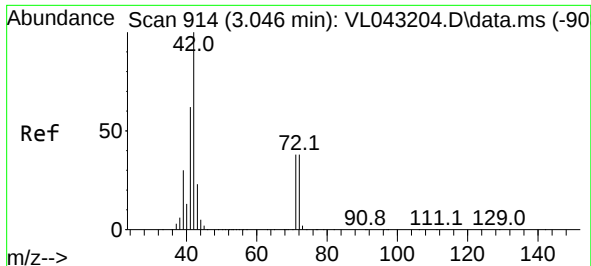
Delta R.T. 0.022 min

Lab File: VL043207.D

Acq: 18 Nov 2025 11:43

Tgt Ion:	88	Resp:	2350
Ion	Ratio	Lower	Upper
88	100		
58	0.0	63.0	94.6
43	22.0	32.5	48.7
57	0.0	0.0	0.0





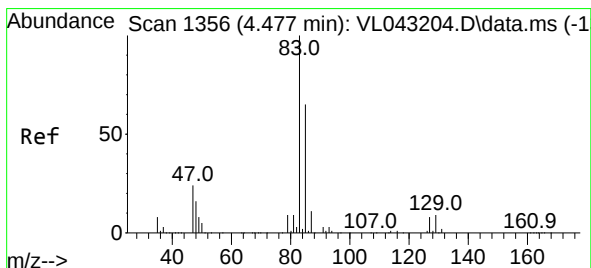
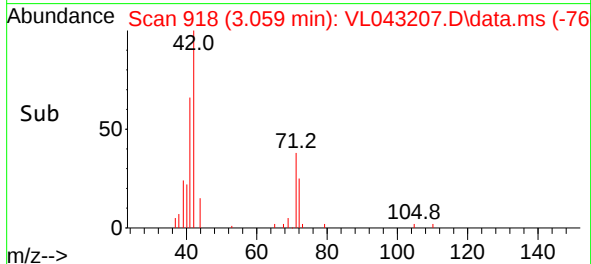
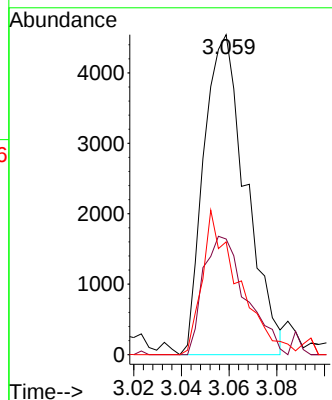
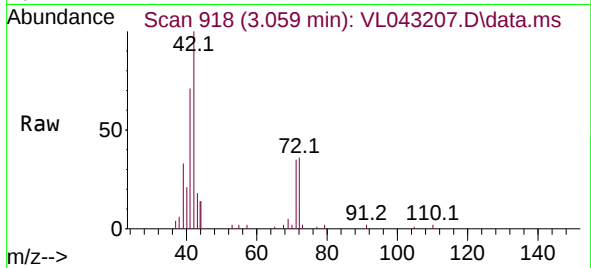
#41
Tetrahydrofuran
Concen: 0.526 ppbv
RT: 3.059 min Scan# 914
Delta R.T. 0.013 min
Lab File: VL043207.D
Acq: 18 Nov 2025 11:43

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 42 Resp: 5573
Ion Ratio Lower Upper
42 100
72 39.0 30.6 46.0
71 40.5 30.5 45.7

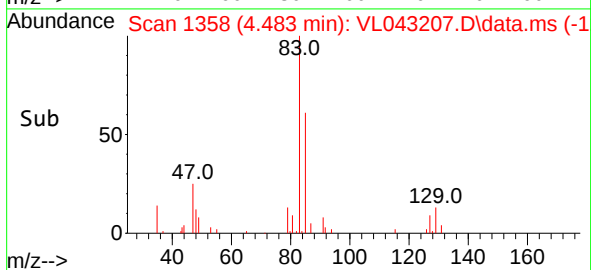
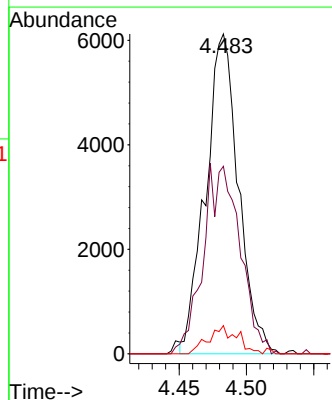
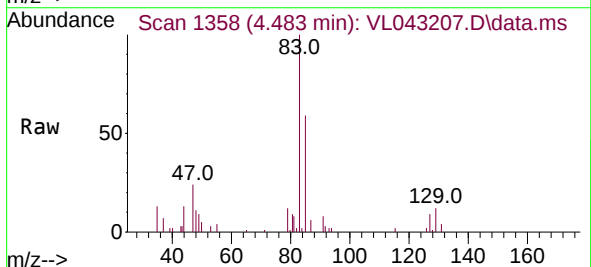
Manual Integrations
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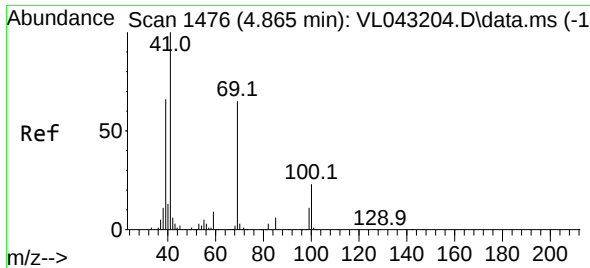
Reviewed By :Semsettin Yesilyurt 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025



#42
Bromodichloromethane
Concen: 0.496 ppbv
RT: 4.483 min Scan# 1358
Delta R.T. 0.006 min
Lab File: VL043207.D
Acq: 18 Nov 2025 11:43

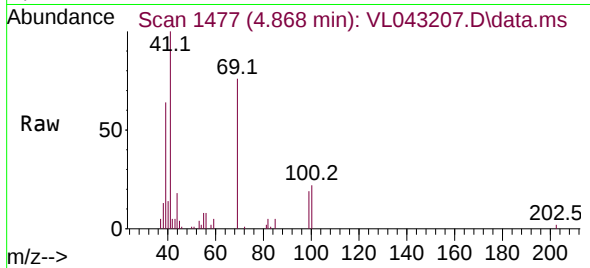
Tgt Ion: 83 Resp: 10401
Ion Ratio Lower Upper
83 100
85 58.6 51.7 77.5
127 8.8 6.3 9.5





#43
Methyl Methacrylate
Concen: 0.486 ppbv m
RT: 4.868 min Scan# 1476
Delta R.T. 0.003 min
Lab File: VL043207.D
Acq: 18 Nov 2025 11:43

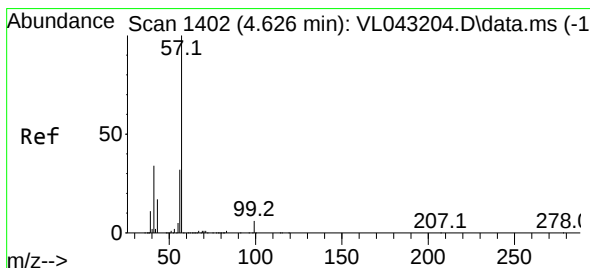
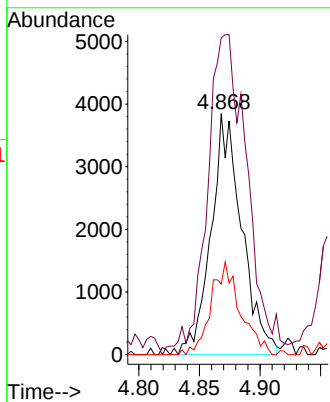
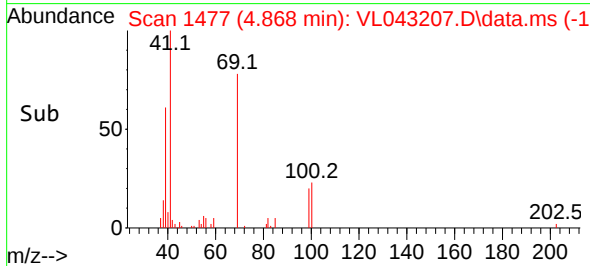
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



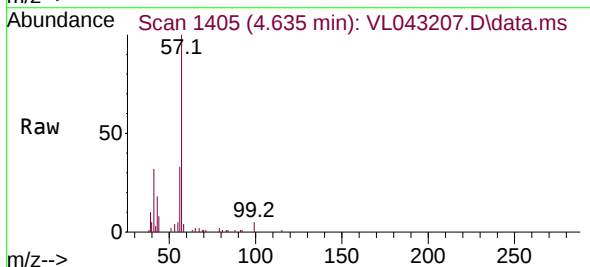
Tgt Ion: 69 Resp: 6788
Ion Ratio Lower Upper
69 100
41 0.0 126.7 190.1
100 0.0 28.6 43.0

Manual Integrations
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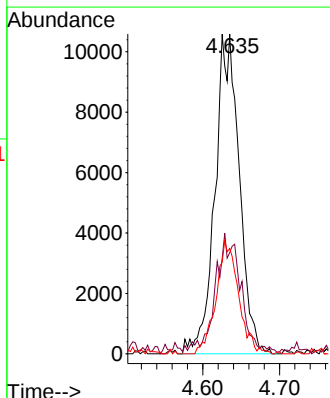
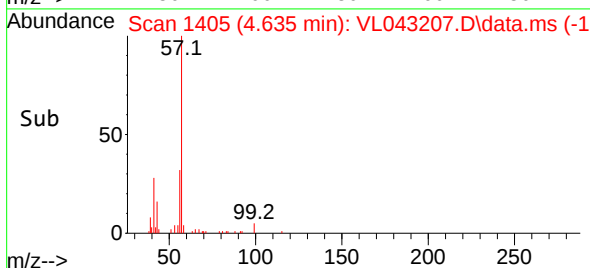
Reviewed By :Semsettin Yesilyurt 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025

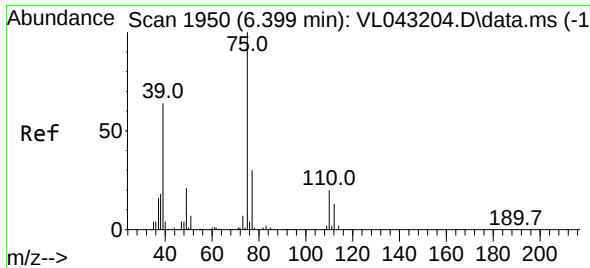


#44
2,2,4-Trimethylpentane
Concen: 0.522 ppbv m
RT: 4.635 min Scan# 1405
Delta R.T. 0.009 min
Lab File: VL043207.D
Acq: 18 Nov 2025 11:43



Tgt Ion: 57 Resp: 23295
Ion Ratio Lower Upper
57 100
41 37.2 28.0 42.0
56 32.9 25.6 38.4





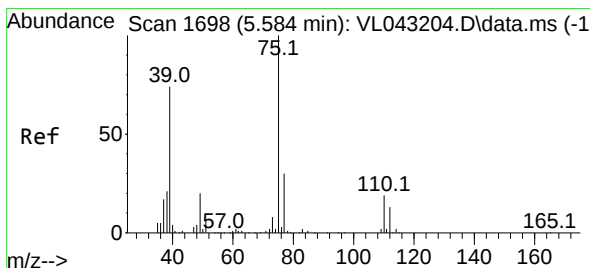
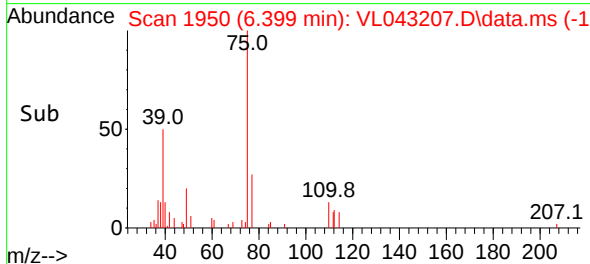
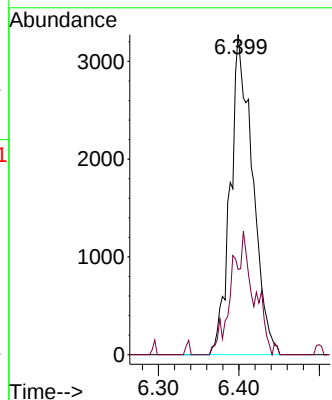
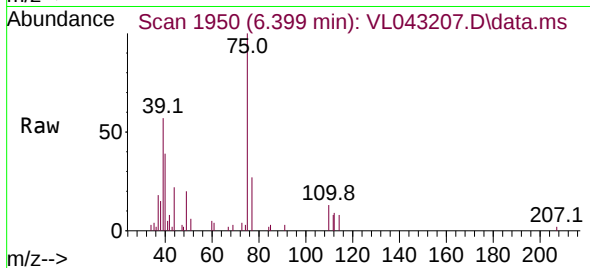
#45
 t-1,3-Dichloropropene
 Concen: 0.489 ppbv m
 RT: 6.399 min Scan# 1950
 Delta R.T. -0.000 min
 Lab File: VL043207.D
 Acq: 18 Nov 2025 11:43

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

Tgt Ion: 75 Resp: 6273
 Ion Ratio Lower Upper
 75 100
 77 26.7 24.3 36.5

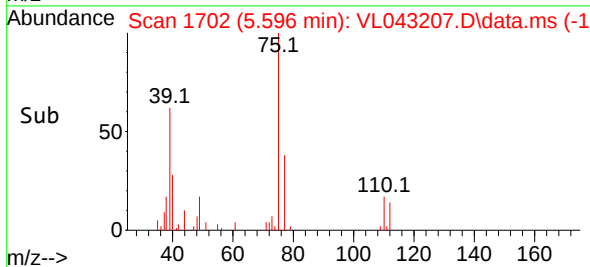
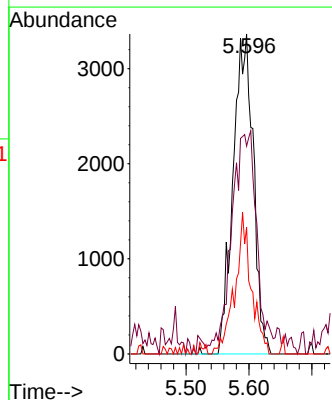
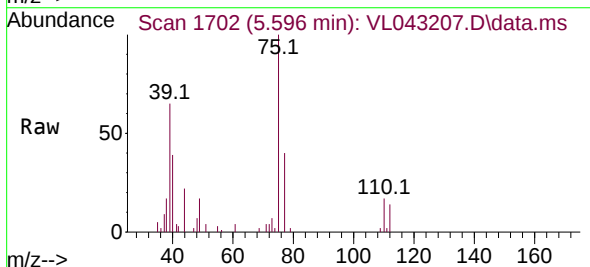
Manual Integrations
 APPROVED

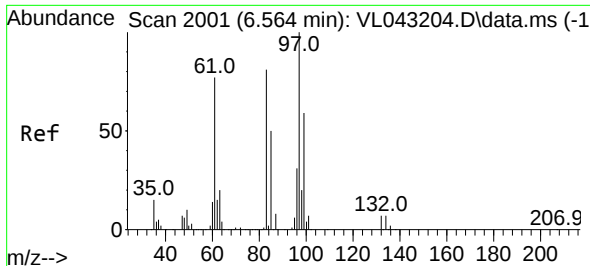
Reviewed By :Semsettin Yesilyurt 11/19/2025
 Supervised By :Mahesh Dadoda 11/19/2025



#46
 cis-1,3-Dichloropropene
 Concen: 0.495 ppbv m
 RT: 5.596 min Scan# 1702
 Delta R.T. 0.013 min
 Lab File: VL043207.D
 Acq: 18 Nov 2025 11:43

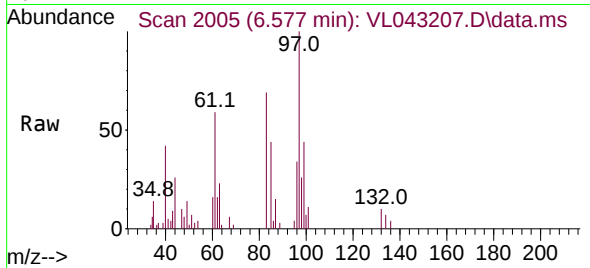
Tgt Ion: 75 Resp: 7496
 Ion Ratio Lower Upper
 75 100
 39 64.9 59.1 88.7
 77 39.6 24.2 36.2#





#47
1,1,2-Trichloroethane
Concen: 0.566 ppbv m
RT: 6.577 min Scan# 2001
Delta R.T. 0.013 min
Lab File: VL043207.D
Acq: 18 Nov 2025 11:43

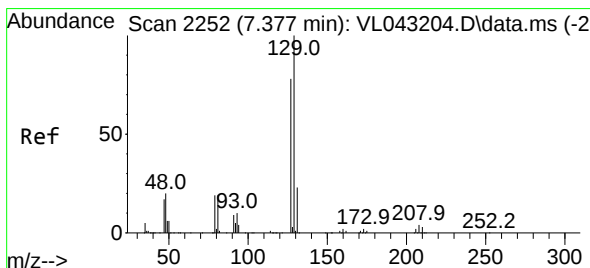
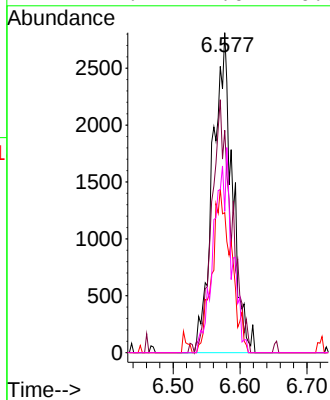
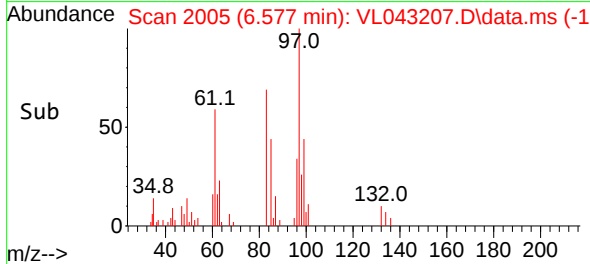
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



Tgt Ion: 97 Resp: 570
Ion Ratio Lower Upper
97 100
83 69.5 64.6 97.0
85 43.7 39.4 59.2
99 44.2 47.0 70.6#

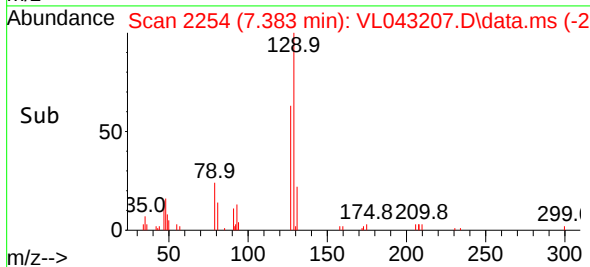
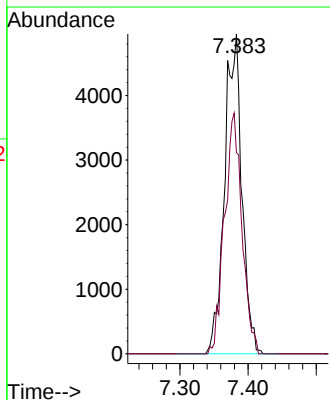
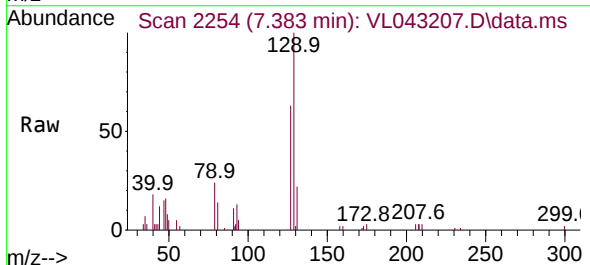
Manual Integrations
APPROVED

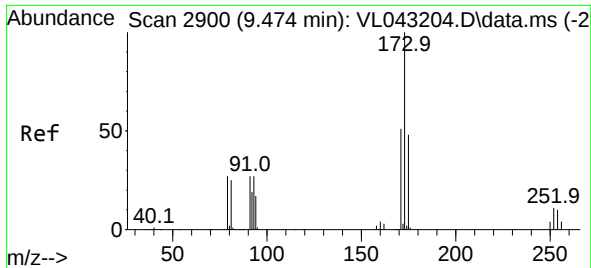
Reviewed By :Semsettin Yesilyurt 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025



#48
Dibromochloromethane
Concen: 0.503 ppbv m
RT: 7.383 min Scan# 2254
Delta R.T. 0.006 min
Lab File: VL043207.D
Acq: 18 Nov 2025 11:43

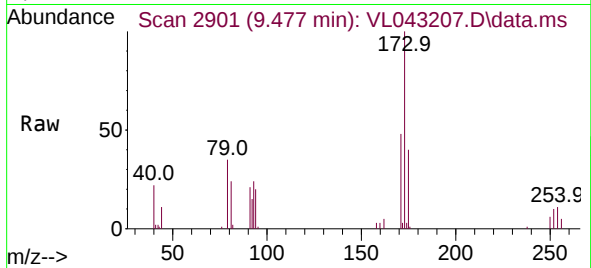
Tgt Ion:129 Resp: 8728
Ion Ratio Lower Upper
129 100
127 75.9 39.3 117.9





#49
Bromoform
Concen: 0.508 ppbv
RT: 9.477 min Scan# 2900
Delta R.T. 0.003 min
Lab File: VL043207.D
Acq: 18 Nov 2025 11:43

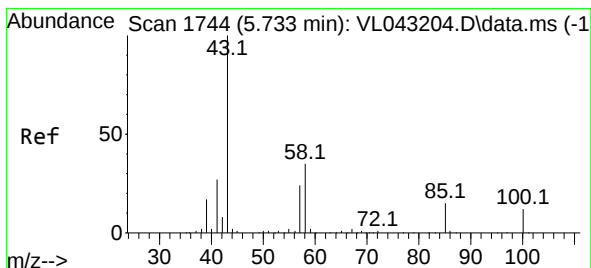
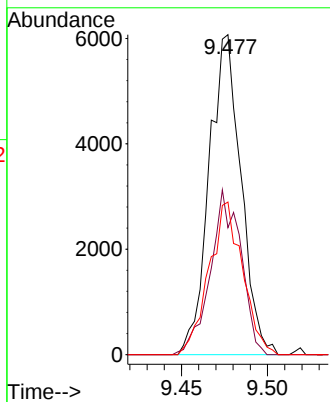
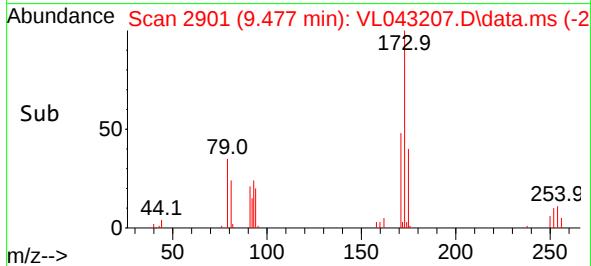
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



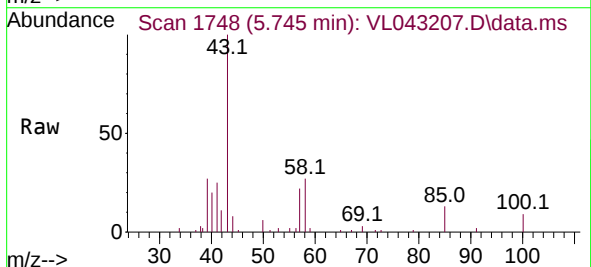
Tgt Ion: 173 Resp: 7808
Ion Ratio Lower Upper
173 100
175 49.3 38.6 58.0
171 50.3 40.6 61.0

Manual Integrations
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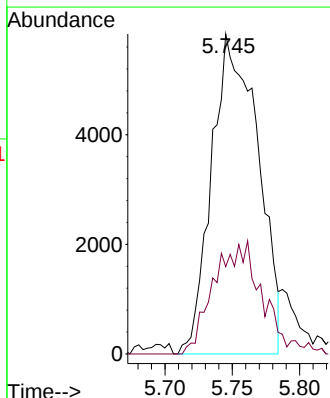
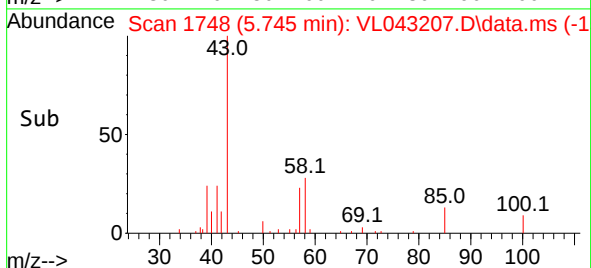
Reviewed By :Semsettin Yesilyurt 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025

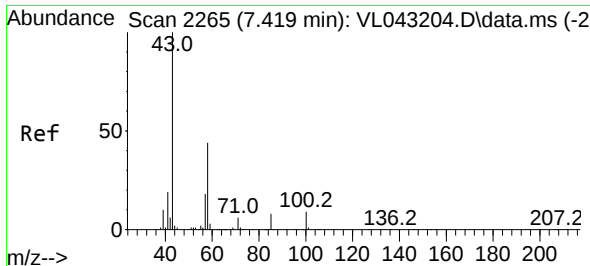


#50
4-Methyl-2-Pentanone
Concen: 0.503 ppbv
RT: 5.745 min Scan# 1748
Delta R.T. 0.013 min
Lab File: VL043207.D
Acq: 18 Nov 2025 11:43



Tgt Ion: 43 Resp: 13950
Ion Ratio Lower Upper
43 100
58 37.2 28.4 42.6





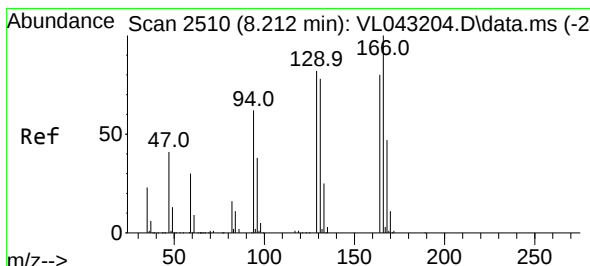
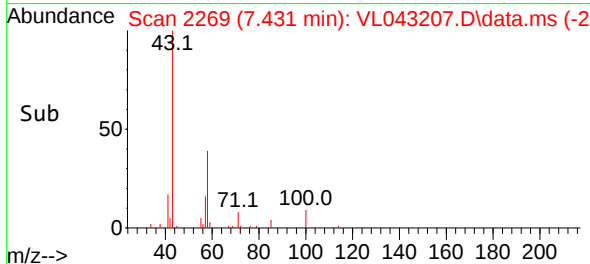
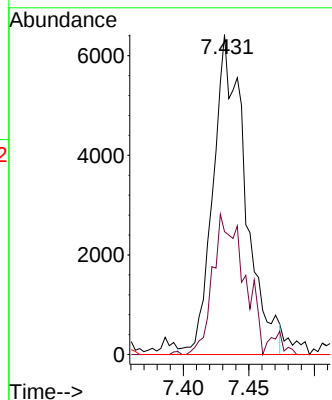
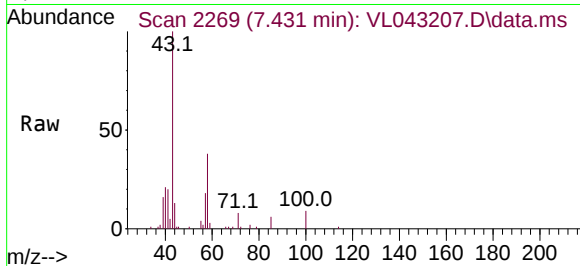
#51
2-Hexanone
Concen: 0.510 ppbv m
RT: 7.431 min Scan# 21
Delta R.T. 0.013 min
Lab File: VL043207.D
Acq: 18 Nov 2025 11:43

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 43 Resp: 1100
Ion Ratio Lower Upper
43 100
58 45.4 38.4 57.6
98 0.0 0.0 0.0

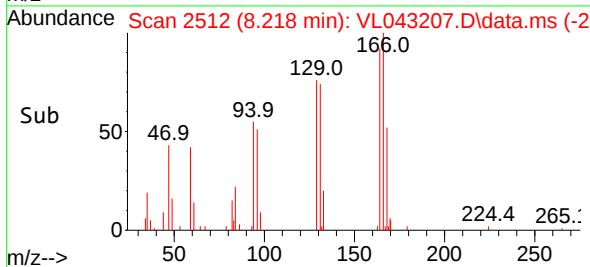
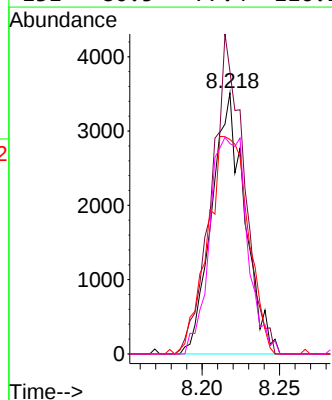
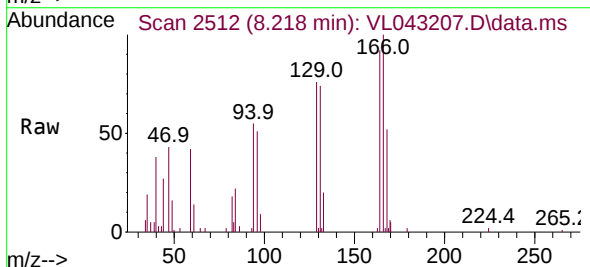
Manual Integrations
APPROVED

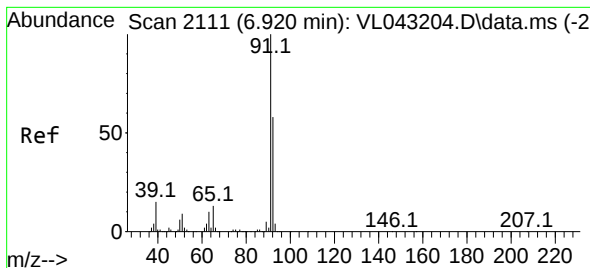
Reviewed By :Semsettin Yesilyurt 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025



#52
Tetrachloroethene
Concen: 0.539 ppbv
RT: 8.218 min Scan# 2512
Delta R.T. 0.006 min
Lab File: VL043207.D
Acq: 18 Nov 2025 11:43

Tgt Ion:164 Resp: 5215
Ion Ratio Lower Upper
164 100
166 108.2 99.4 149.2
129 82.1 81.8 122.8
131 80.5 77.4 116.2





#53

Toluene

Concen: 0.526 ppbv

RT: 6.923 min Scan# 2111

Delta R.T. 0.003 min

Lab File: VL043207.D

Acq: 18 Nov 2025 11:43

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

Tgt Ion: 91 Resp: 1625

Ion Ratio Lower Upper

91 100

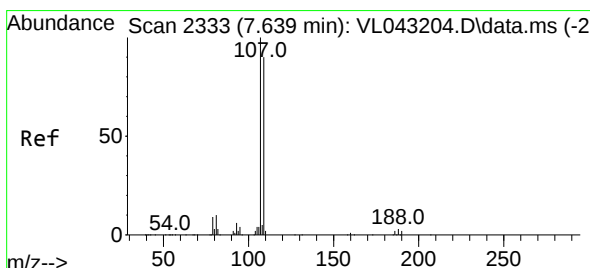
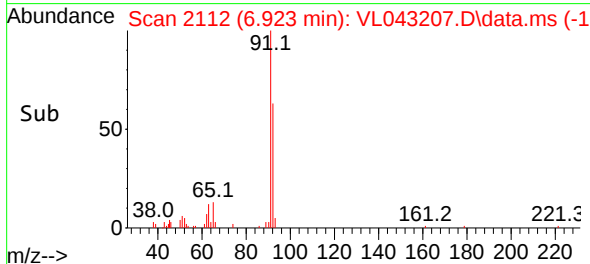
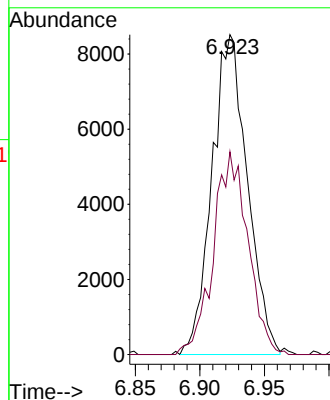
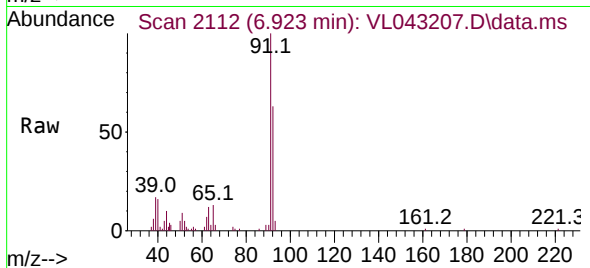
92 61.8 47.4 71.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/19/2025

Supervised By :Mahesh Dadoda 11/19/2025



#54

1,2-Dibromoethane

Concen: 0.499 ppbv

RT: 7.645 min Scan# 2335

Delta R.T. 0.006 min

Lab File: VL043207.D

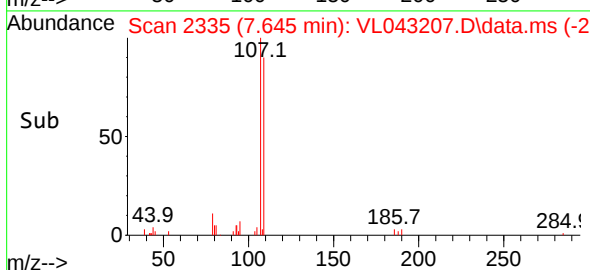
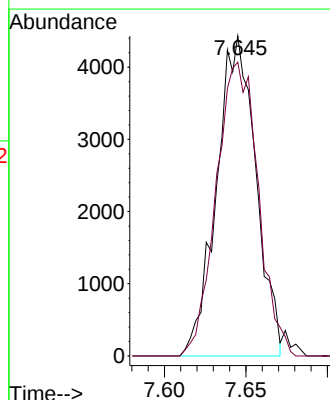
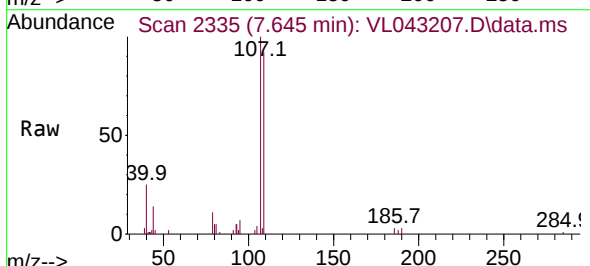
Acq: 18 Nov 2025 11:43

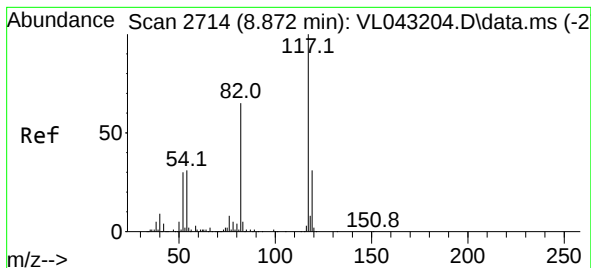
Tgt Ion:107 Resp: 7420

Ion Ratio Lower Upper

107 100

109 91.8 72.1 108.1





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.872 min Scan# 21

Delta R.T. -0.000 min

Lab File: VL043207.D

Acq: 18 Nov 2025 11:43

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

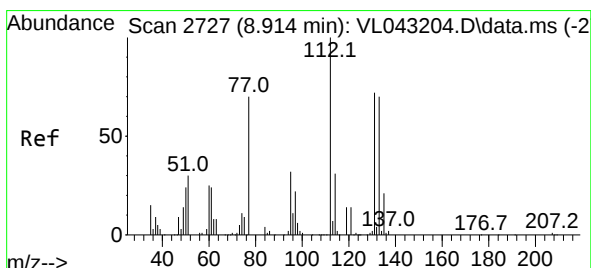
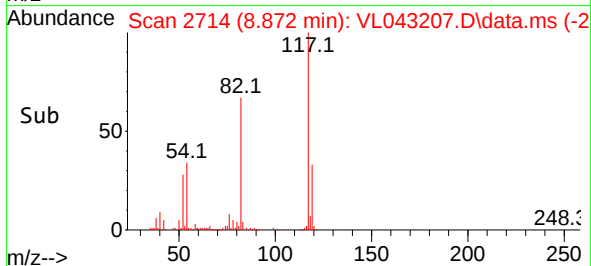
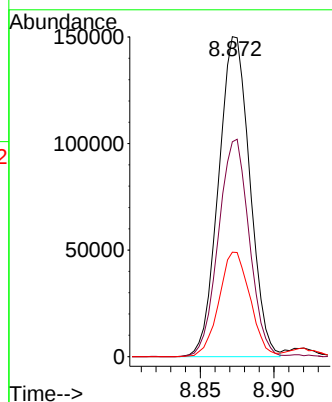
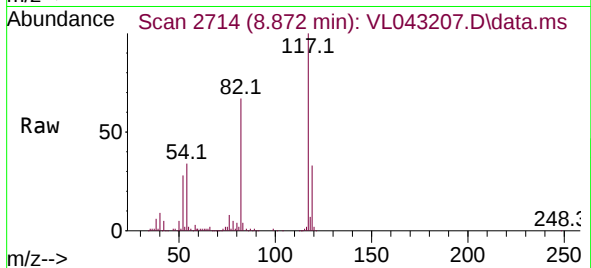
Tgt Ion:117 Resp: 221358

Ion	Ratio	Lower	Upper
117	100		
82	67.3	56.1	84.1
119	34.8	25.0	37.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025



#56

1,1,1,2-Tetrachloroethane

Concen: 0.565 ppbv

RT: 8.920 min Scan# 2729

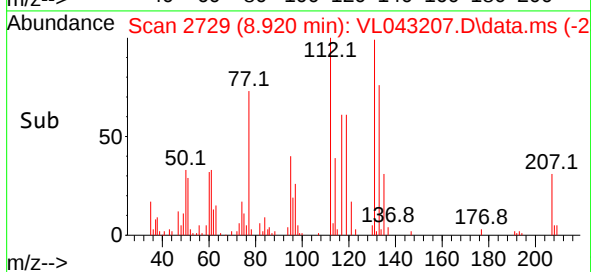
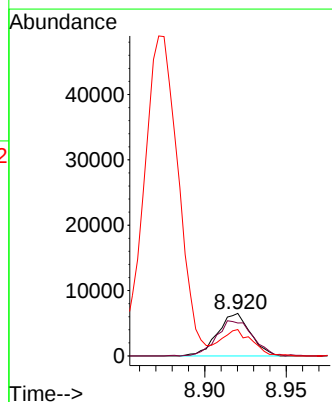
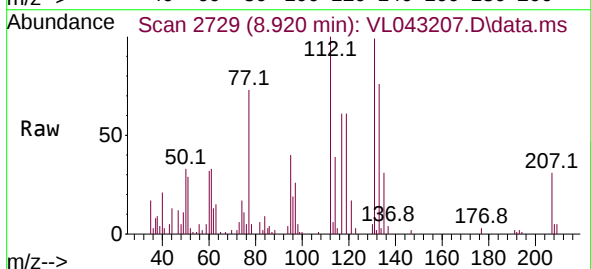
Delta R.T. 0.006 min

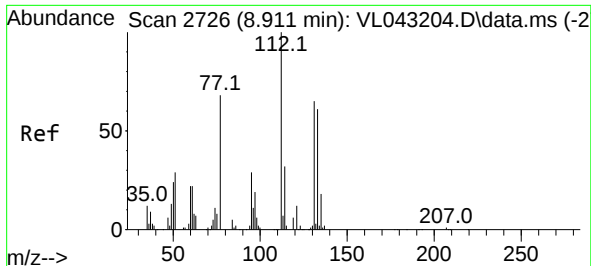
Lab File: VL043207.D

Acq: 18 Nov 2025 11:43

Tgt Ion:131 Resp: 9118

Ion	Ratio	Lower	Upper
131	100		
133	92.3	77.4	116.2
119	46.7	49.1	73.7





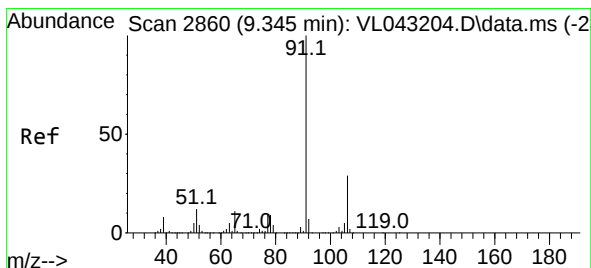
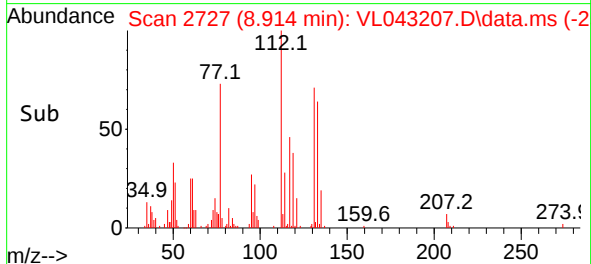
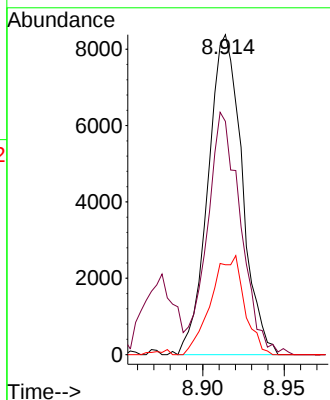
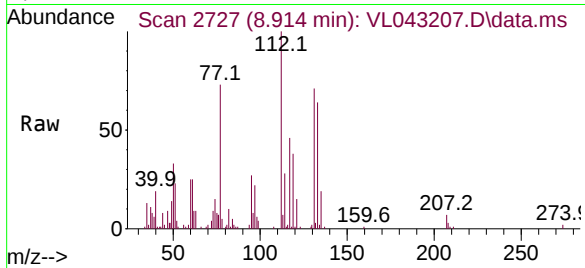
#57
Chlorobenzene
Concen: 0.536 ppbv
RT: 8.914 min Scan# 2727
Delta R.T. 0.003 min
Lab File: VL043207.D
Acq: 18 Nov 2025 11:43

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 112 Resp: 12189
Ion Ratio Lower Upper
112 100
77 72.1 55.5 83.3
114 28.1 29.1 35.5

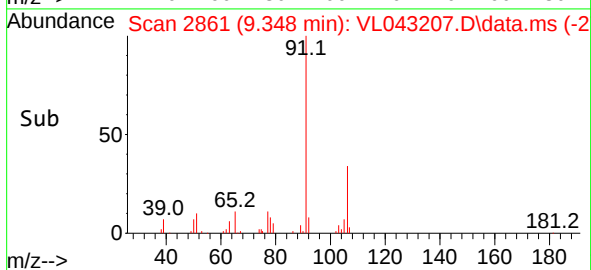
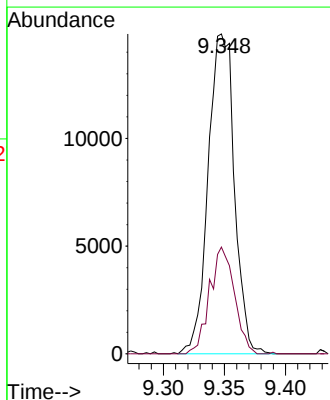
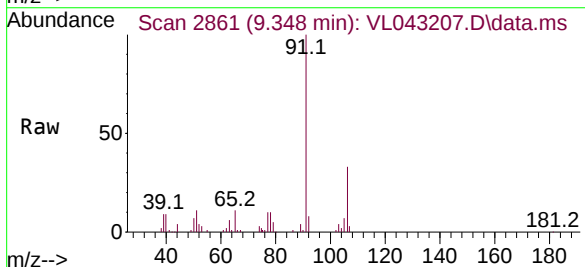
Manual Integrations
APPROVED

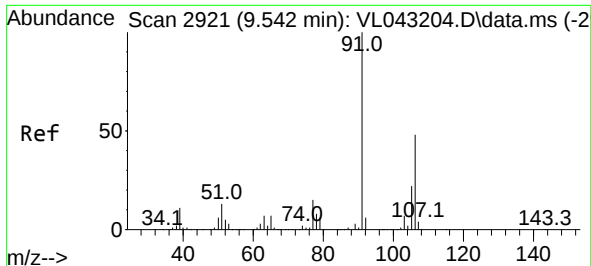
Reviewed By :Semsettin Yesilyurt 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025



#58
Ethyl Benzene
Concen: 0.522 ppbv m
RT: 9.348 min Scan# 2861
Delta R.T. 0.003 min
Lab File: VL043207.D
Acq: 18 Nov 2025 11:43

Tgt Ion: 91 Resp: 22234
Ion Ratio Lower Upper
91 100
106 33.4 22.8 34.2





#59

m/p-Xylene

Concen: 1.059 ppbv m

RT: 9.545 min Scan# 2921

Delta R.T. 0.003 min

Lab File: VL043207.D

Acq: 18 Nov 2025 11:43

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

Tgt Ion: 91 Resp: 3634

Ion Ratio Lower Upper

91 100

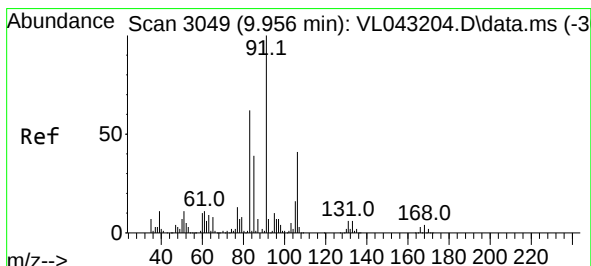
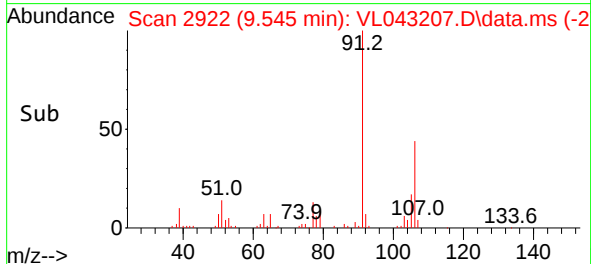
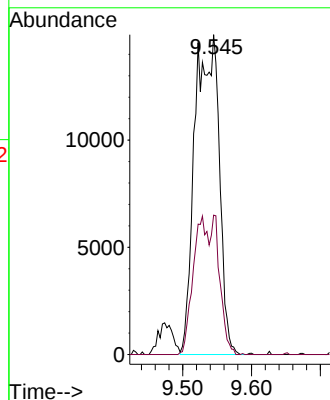
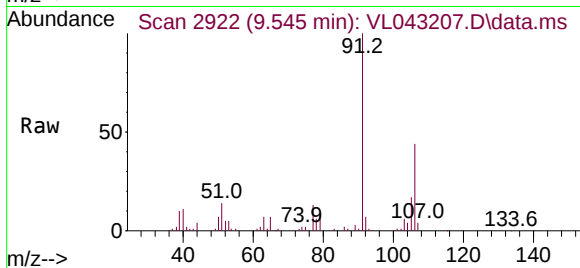
106 44.5 36.1 54.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/19/2025

Supervised By :Mahesh Dadoda 11/19/2025



#60

o-Xylene

Concen: 0.524 ppbv

RT: 9.956 min Scan# 3049

Delta R.T. -0.000 min

Lab File: VL043207.D

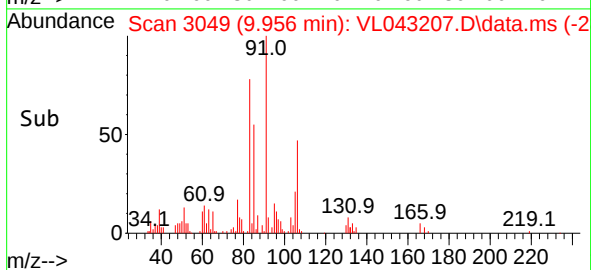
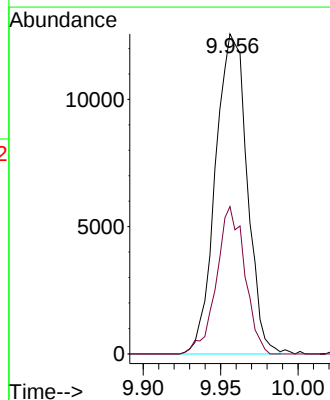
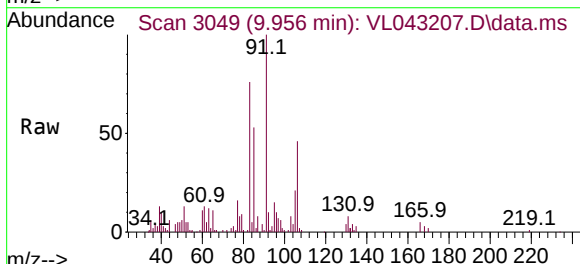
Acq: 18 Nov 2025 11:43

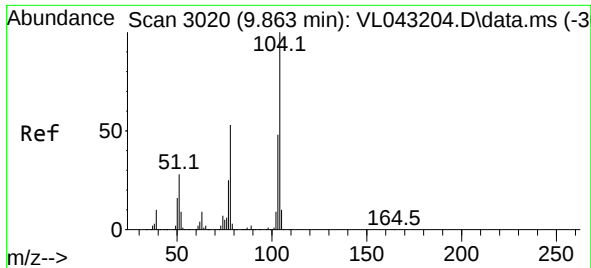
Tgt Ion: 91 Resp: 17877

Ion Ratio Lower Upper

91 100

106 41.2 20.9 62.8





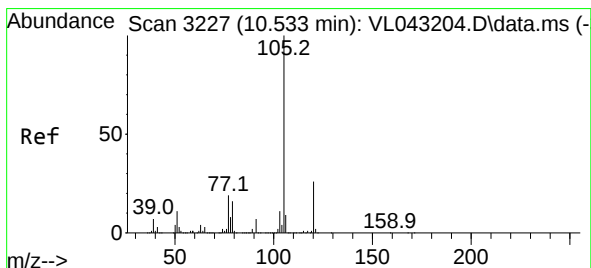
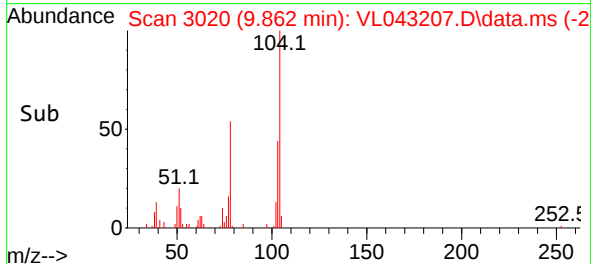
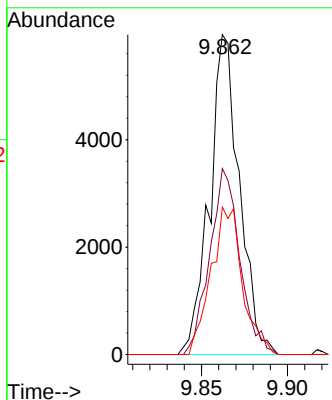
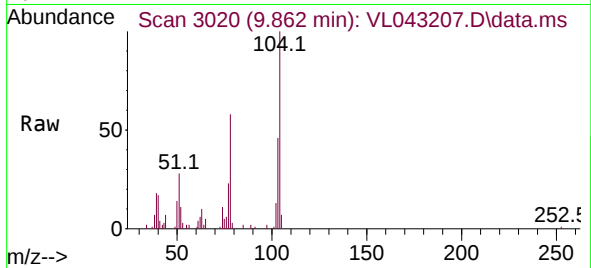
#61
Styrene
Concen: 0.480 ppbv
RT: 9.862 min Scan# 3020
Delta R.T. -0.000 min
Lab File: VL043207.D
Acq: 18 Nov 2025 11:43

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:104 Resp: 7164
Ion Ratio Lower Upper
104 100
78 58.9 42.1 63.1
103 48.5 37.2 55.8

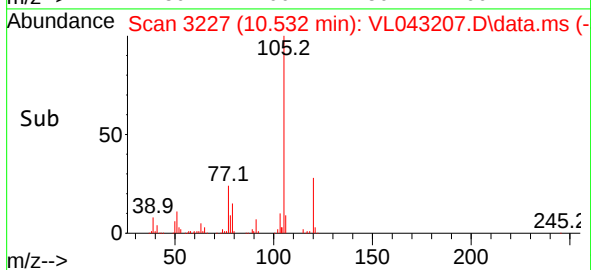
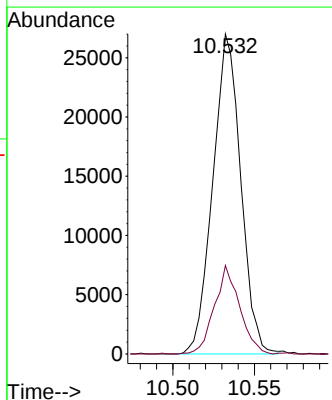
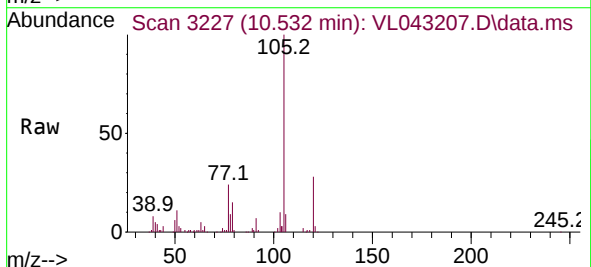
Manual Integrations
APPROVED

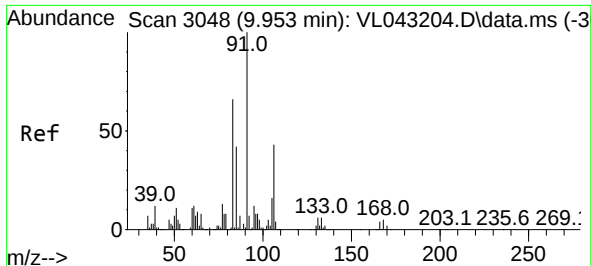
Reviewed By :Semsettin Yesilyurt 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025



#62
Isopropylbenzene
Concen: 0.527 ppbv
RT: 10.532 min Scan# 3227
Delta R.T. -0.000 min
Lab File: VL043207.D
Acq: 18 Nov 2025 11:43

Tgt Ion:105 Resp: 32193
Ion Ratio Lower Upper
105 100
120 25.1 19.8 29.8





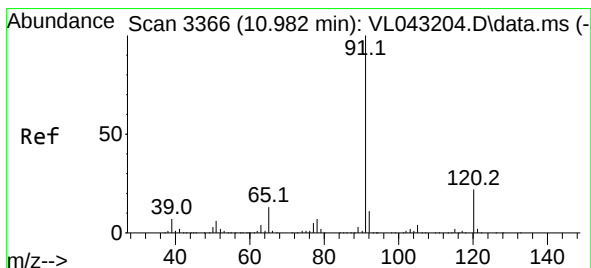
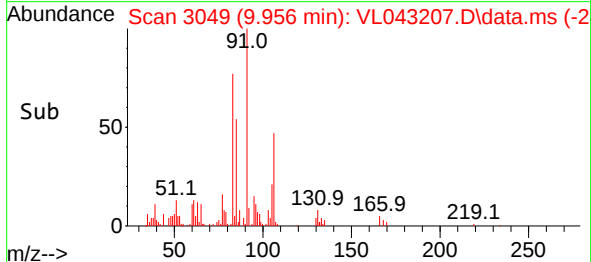
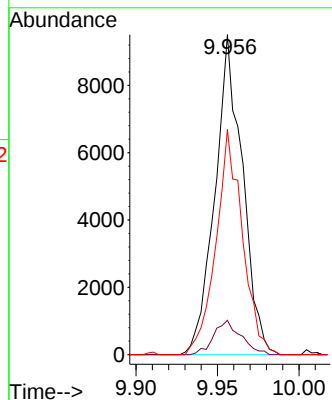
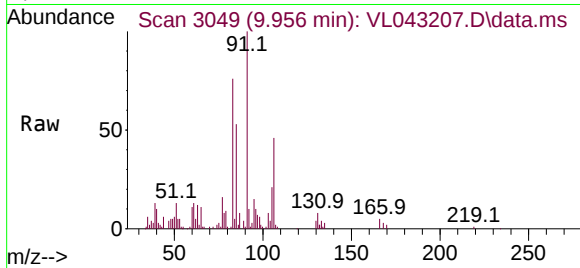
#63
1,1,2,2-Tetrachloroethane
Concen: 0.517 ppbv
RT: 9.956 min Scan# 3048
Delta R.T. 0.003 min
Lab File: VL043207.D
Acq: 18 Nov 2025 11:43

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 83 Resp: 1119
Ion Ratio Lower Upper
83 100
131 10.6 4.8 14.3
85 67.7 31.9 95.9

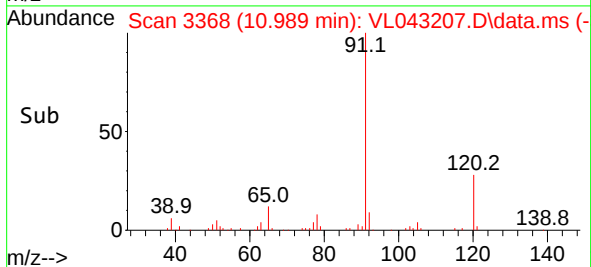
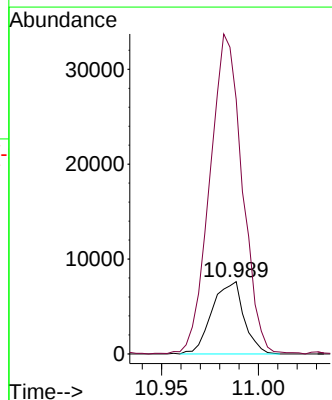
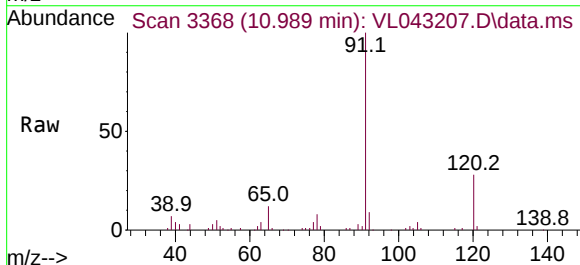
Manual Integrations
APPROVED

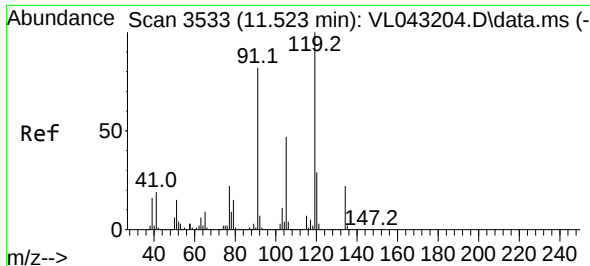
Reviewed By :Semsettin Yesilyurt 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025



#64
n-propylbenzene
Concen: 0.554 ppbv
RT: 10.989 min Scan# 3368
Delta R.T. 0.006 min
Lab File: VL043207.D
Acq: 18 Nov 2025 11:43

Tgt Ion:120 Resp: 8687
Ion Ratio Lower Upper
120 100
91 454.4 377.1 565.7





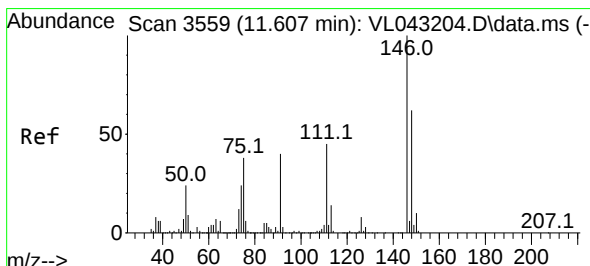
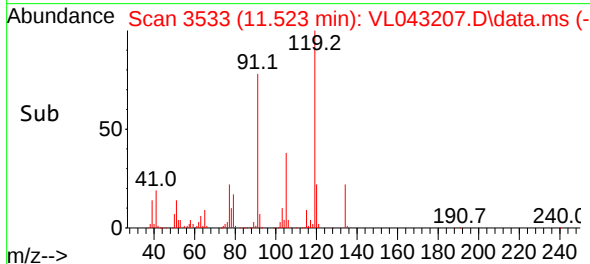
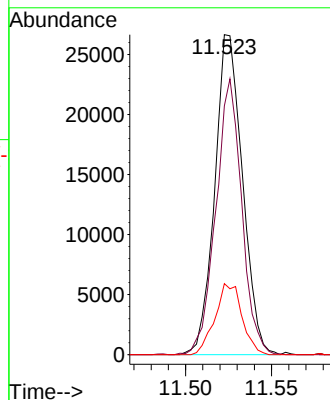
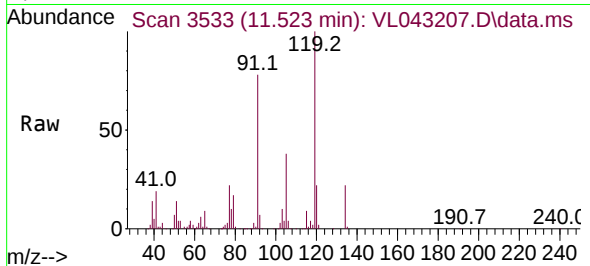
#65
tert-Butylbenzene
Concen: 0.549 ppbv
RT: 11.523 min Scan# 3533
Delta R.T. -0.000 min
Lab File: VL043207.D
Acq: 18 Nov 2025 11:43

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 119 Resp: 29908
Ion Ratio Lower Upper
119 100
91 80.5 65.3 97.9
134 21.5 17.0 25.4

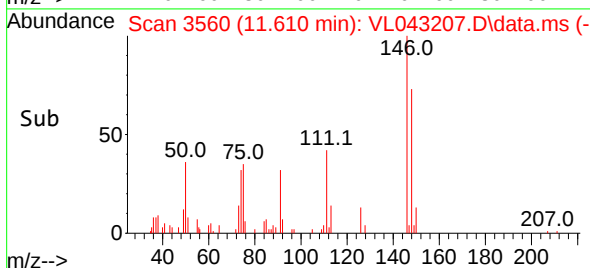
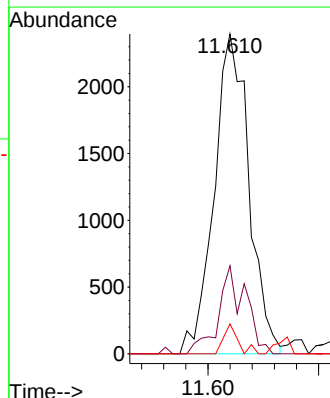
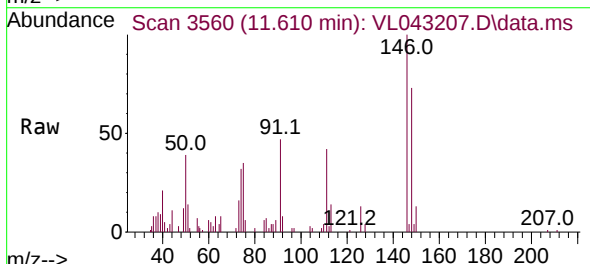
Manual Integrations
APPROVED

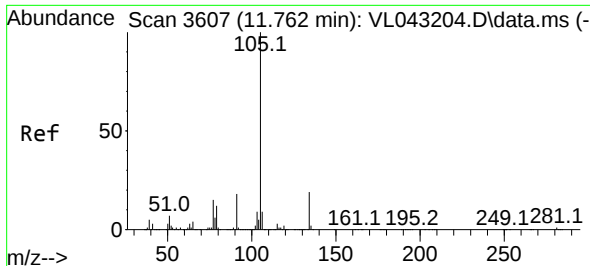
Reviewed By :Semsettin Yesilyurt 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025



#66
Benzyl Chloride
Concen: 0.472 ppbv
RT: 11.610 min Scan# 3560
Delta R.T. 0.003 min
Lab File: VL043207.D
Acq: 18 Nov 2025 11:43

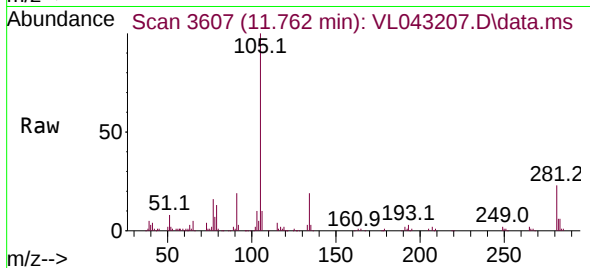
Tgt Ion: 91 Resp: 2612
Ion Ratio Lower Upper
91 100
126 21.8 14.4 21.6#
128 5.9 4.6 6.8





#67
 sec-Butylbenzene
 Concen: 0.544 ppbv
 RT: 11.762 min Scan# 3607
 Delta R.T. -0.000 min
 Lab File: VL043207.D
 Acq: 18 Nov 2025 11:43

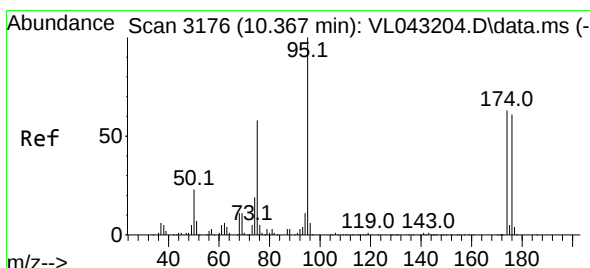
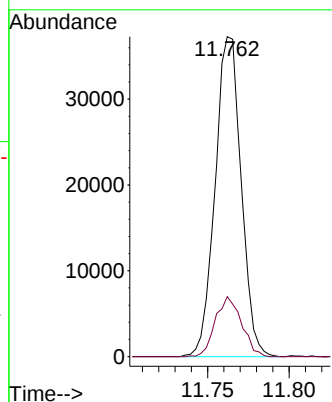
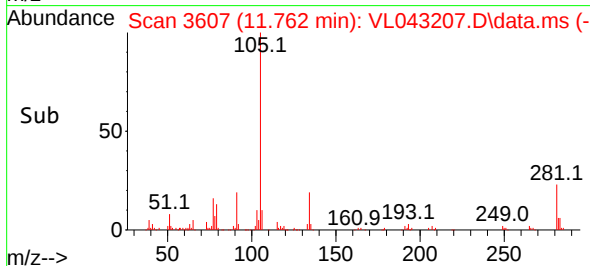
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5



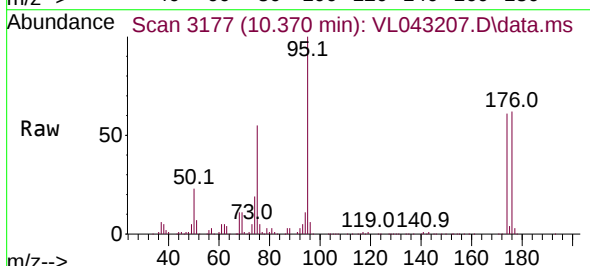
Tgt Ion:105 Resp: 41417
 Ion Ratio Lower Upper
 105 100
 134 18.9 15.0 22.6

Manual Integrations
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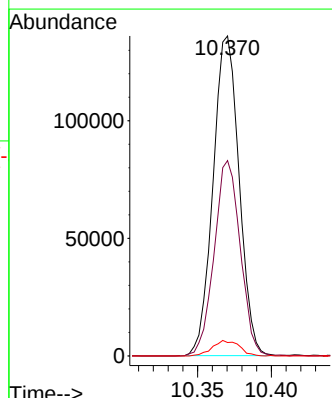
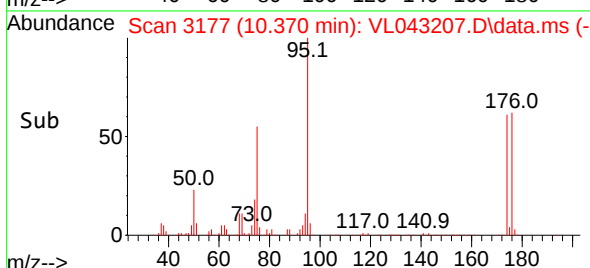
Reviewed By :Semsettin Yesilyurt 11/19/2025
 Supervised By :Mahesh Dadoda 11/19/2025

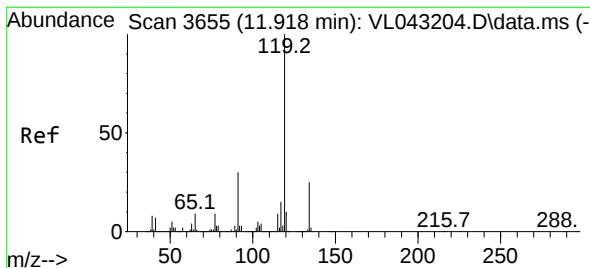


#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.301 ppbv
 RT: 10.370 min Scan# 3177
 Delta R.T. 0.003 min
 Lab File: VL043207.D
 Acq: 18 Nov 2025 11:43



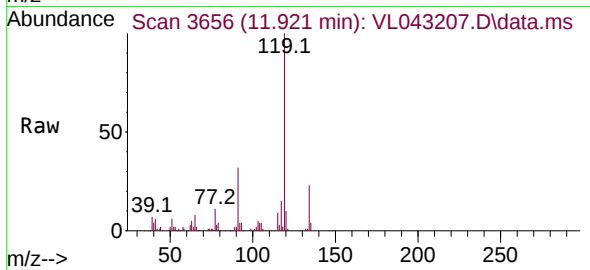
Tgt Ion: 95 Resp: 167137
 Ion Ratio Lower Upper
 95 100
 174 61.1 50.2 75.2
 175 5.0 4.1 6.1





#69
p-Isopropyltoluene
Concen: 0.533 ppbv
RT: 11.921 min Scan# 3656
Delta R.T. 0.003 min
Lab File: VL043207.D
Acq: 18 Nov 2025 11:43

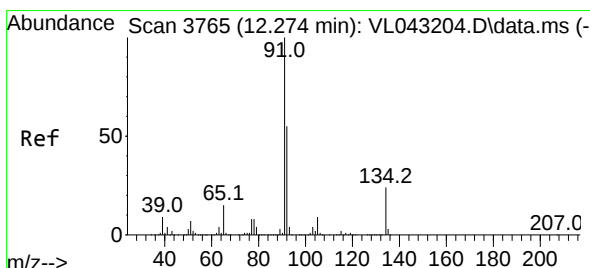
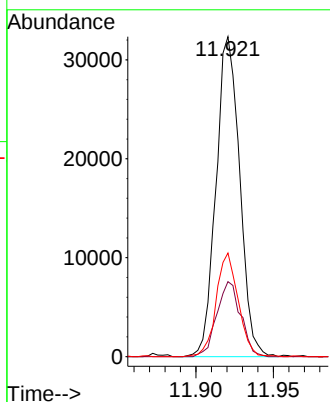
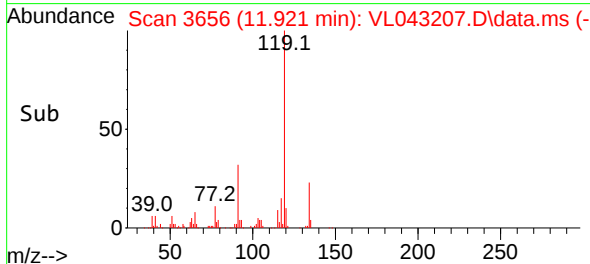
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



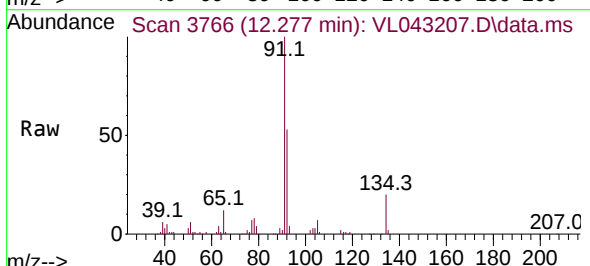
Tgt Ion: 119 Resp: 34366
Ion Ratio Lower Upper
119 100
134 23.5 20.2 30.2
91 30.2 23.8 35.8

Manual Integrations
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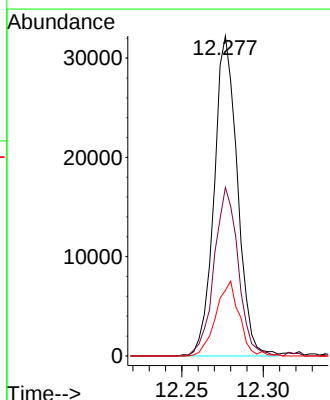
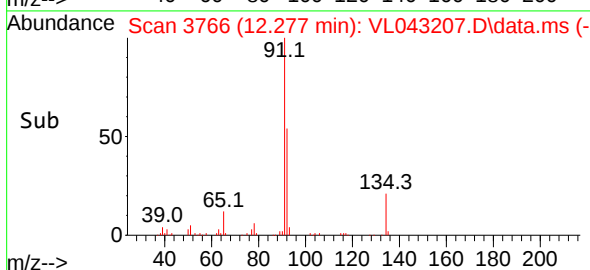
Reviewed By :Semsettin Yesilyurt 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025

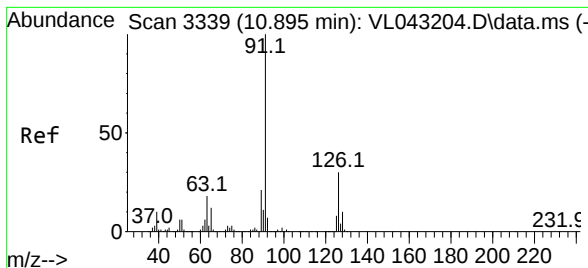


#70
n-Butylbenzene
Concen: 0.513 ppbv
RT: 12.277 min Scan# 3766
Delta R.T. 0.003 min
Lab File: VL043207.D
Acq: 18 Nov 2025 11:43



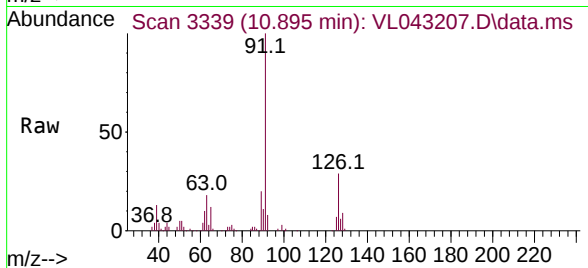
Tgt Ion: 91 Resp: 32105
Ion Ratio Lower Upper
91 100
92 55.0 43.5 65.3
134 23.5 19.0 28.6





#71
2-Chlorotoluene
Concen: 0.531 ppbv
RT: 10.895 min Scan# 3339
Delta R.T. -0.000 min
Lab File: VL043207.D
Acq: 18 Nov 2025 11:43

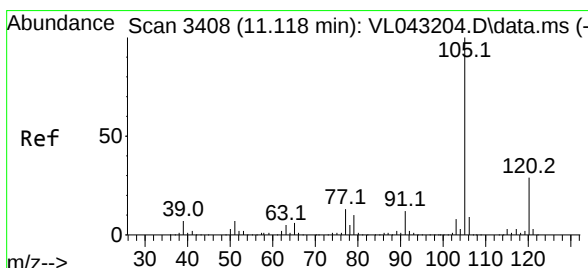
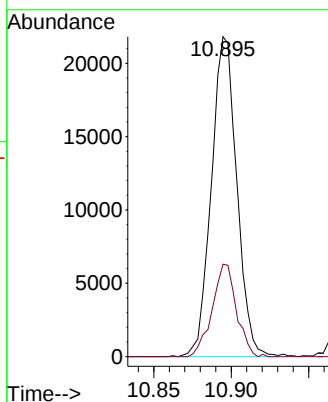
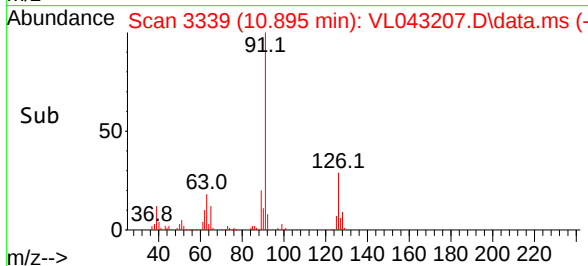
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



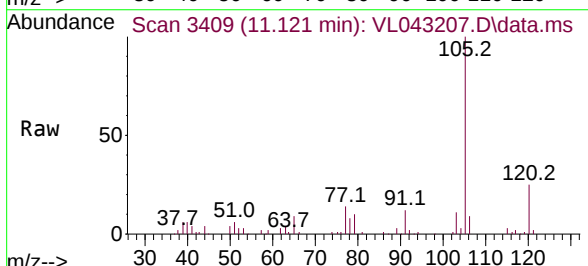
Tgt Ion: 91 Resp: 24931
Ion Ratio Lower Upper
91 100
126 27.5 11.7 46.7

Manual Integrations
APPROVED

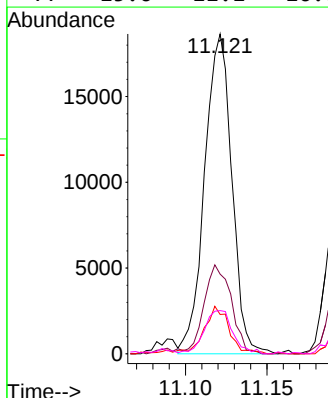
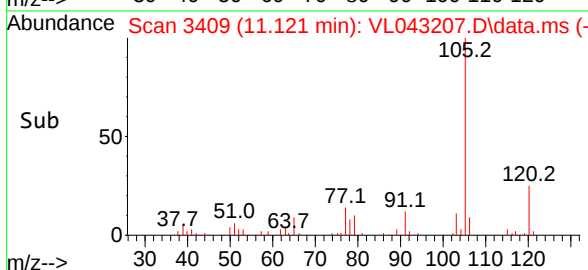
Reviewed By :Semsettin Yesilyurt 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025

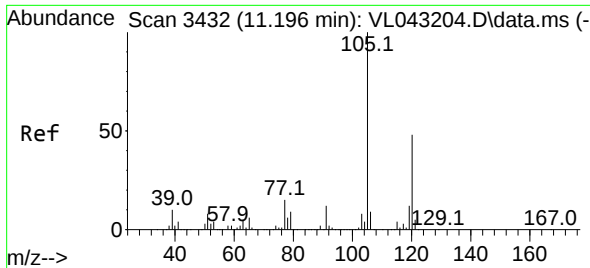


#72
4-Ethyltoluene
Concen: 0.521 ppbv
RT: 11.121 min Scan# 3409
Delta R.T. 0.003 min
Lab File: VL043207.D
Acq: 18 Nov 2025 11:43



Tgt Ion:105 Resp: 21651
Ion Ratio Lower Upper
105 100
120 29.1 23.8 35.8
91 14.7 10.3 15.5
77 15.6 11.1 16.7





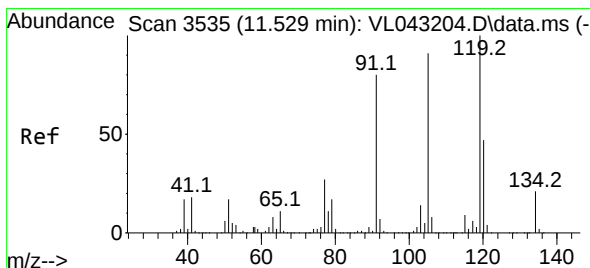
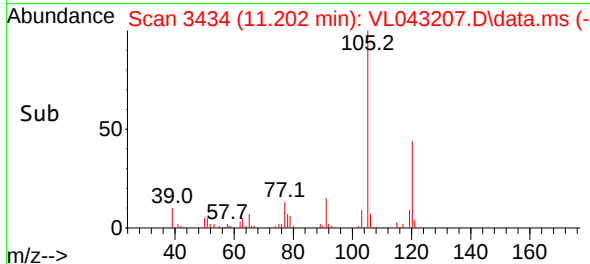
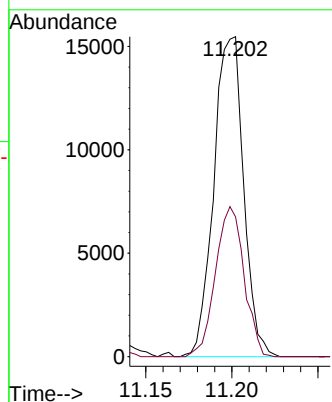
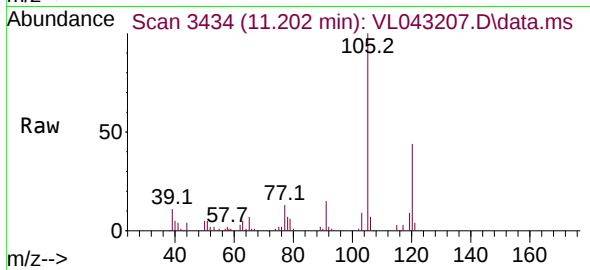
#73
1,3,5-Trimethylbenzene
Concen: 0.534 ppbv
RT: 11.202 min Scan# 3433
Delta R.T. 0.006 min
Lab File: VL043207.D
Acq: 18 Nov 2025 11:43

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion:105 Resp: 18639
Ion Ratio Lower Upper
105 100
120 43.7 38.6 57.8

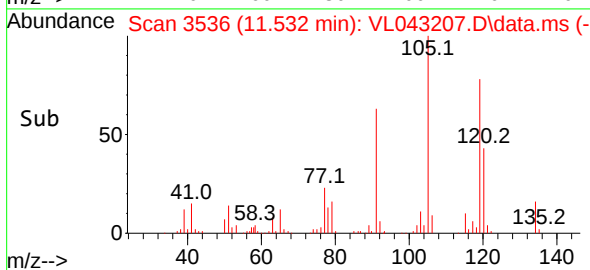
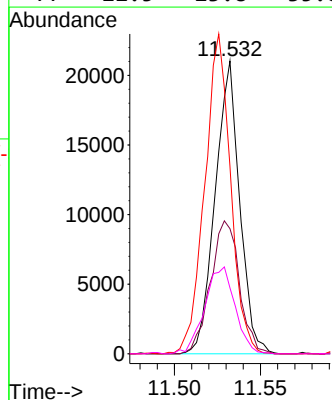
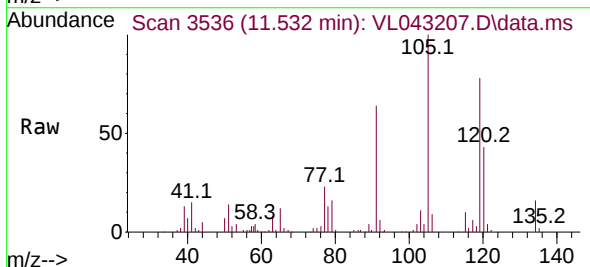
Manual Integrations
APPROVED

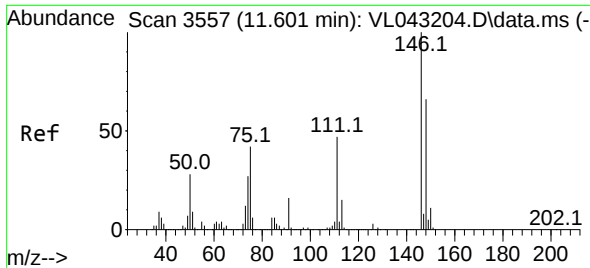
Reviewed By :Semsettin Yesilyurt 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025



#74
1,2,4-Trimethylbenzene
Concen: 0.547 ppbv
RT: 11.532 min Scan# 3536
Delta R.T. 0.003 min
Lab File: VL043207.D
Acq: 18 Nov 2025 11:43

Tgt Ion:105 Resp: 20816
Ion Ratio Lower Upper
105 100
120 42.8 41.7 62.5
91 64.1 70.0 105.0#
77 22.5 23.8 35.8#





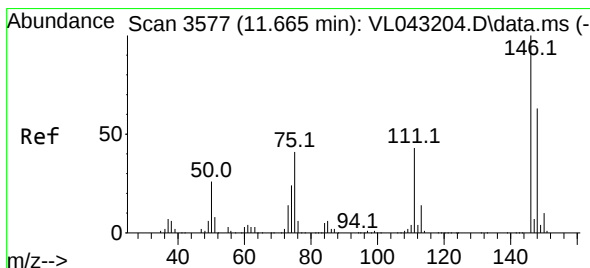
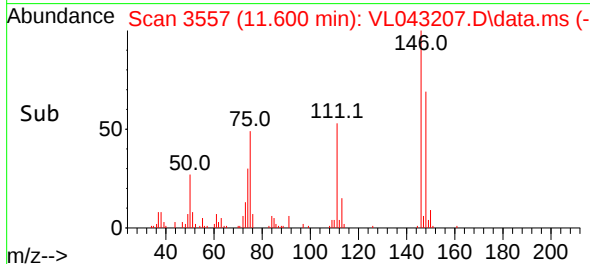
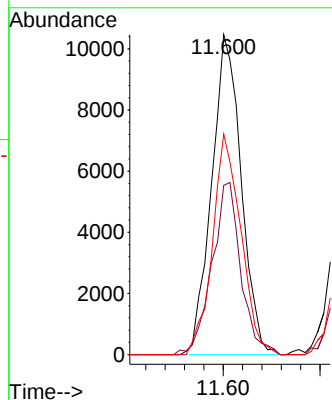
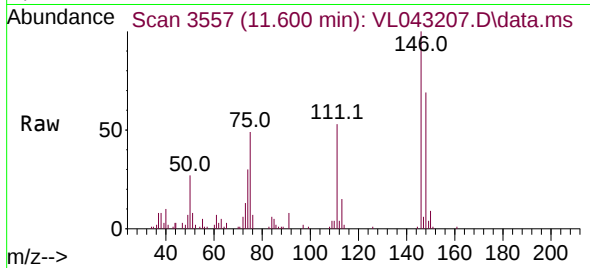
#75
1,3-Dichlorobenzene
Concen: 0.500 ppbv
RT: 11.600 min Scan# 3557
Delta R.T. -0.000 min
Lab File: VL043207.D
Acq: 18 Nov 2025 11:43

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:146 Resp: 1110
Ion Ratio Lower Upper
146 100
111 52.5 23.4 70.3
148 66.3 31.6 95.0

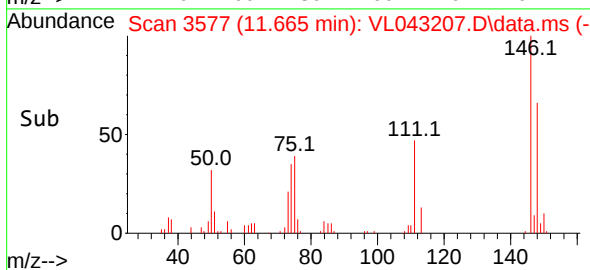
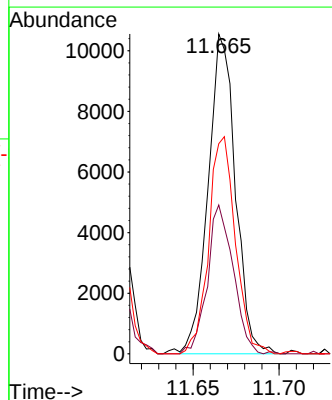
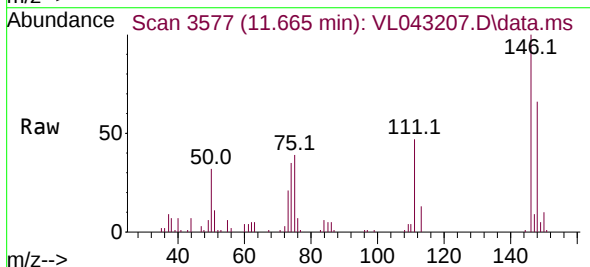
Manual Integrations
APPROVED

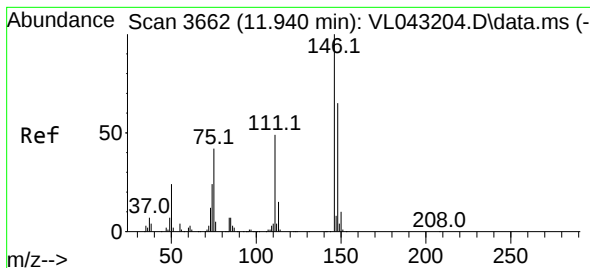
Reviewed By :Semsettin Yesilyurt 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025



#76
1,4-Dichlorobenzene
Concen: 0.523 ppbv
RT: 11.665 min Scan# 3577
Delta R.T. -0.000 min
Lab File: VL043207.D
Acq: 18 Nov 2025 11:43

Tgt Ion:146 Resp: 11623
Ion Ratio Lower Upper
146 100
111 44.3 22.8 68.3
148 67.2 31.8 95.4





#77

1,2-Dichlorobenzene

Concen: 0.543 ppbv

RT: 11.943 min Scan# 3663

Delta R.T. 0.003 min

Lab File: VL043207.D

Acq: 18 Nov 2025 11:43

Instrument :

MSVOA_L

ClientSampleId :

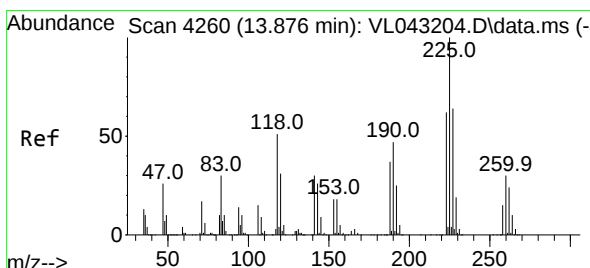
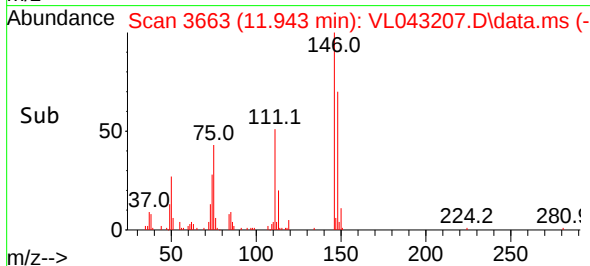
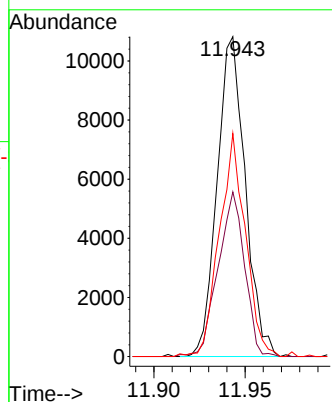
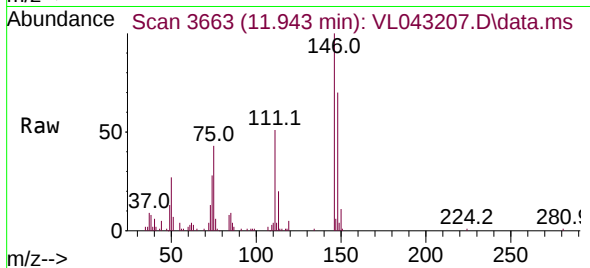
VSTDIC0.5

Tgt Ion:	146	Resp:	11605
Ion Ratio	Lower	Upper	
146	100		
111	48.5	24.3	73.0
148	65.2	31.6	94.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025



#78

Hexachloro-1,3-Butadiene

Concen: 0.575 ppbv

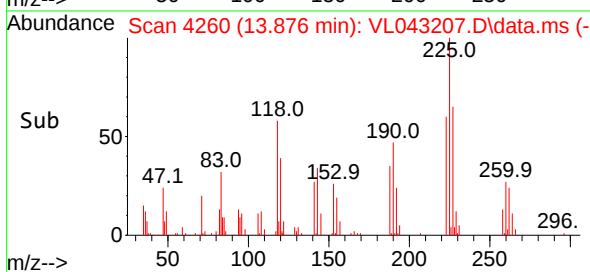
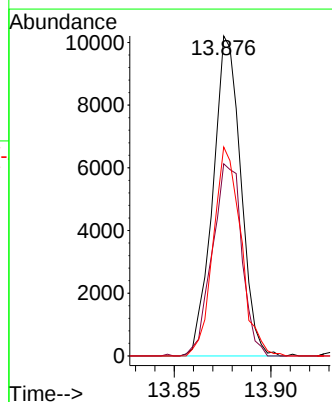
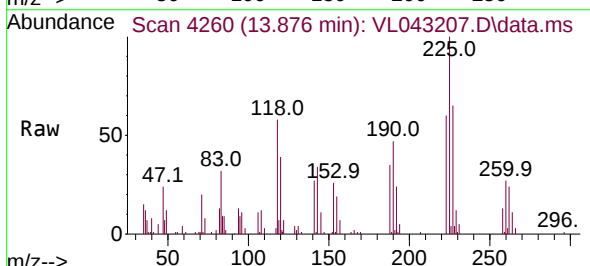
RT: 13.876 min Scan# 4260

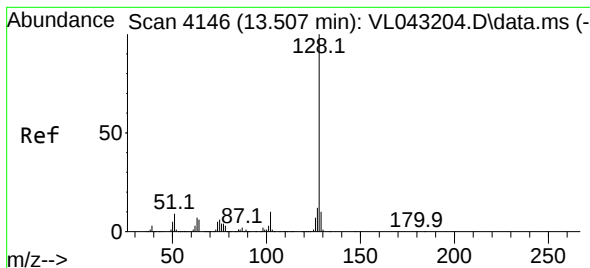
Delta R.T. -0.000 min

Lab File: VL043207.D

Acq: 18 Nov 2025 11:43

Tgt Ion:	225	Resp:	10246
Ion Ratio	Lower	Upper	
225	100		
223	63.6	50.2	75.4
227	64.6	51.1	76.7





#79

Naphthalene

Concen: 0.462 ppbv

RT: 13.510 min Scan# 4146

Delta R.T. 0.003 min

Lab File: VL043207.D

Acq: 18 Nov 2025 11:43

Instrument :

MSVOA_L

ClientSampleId :

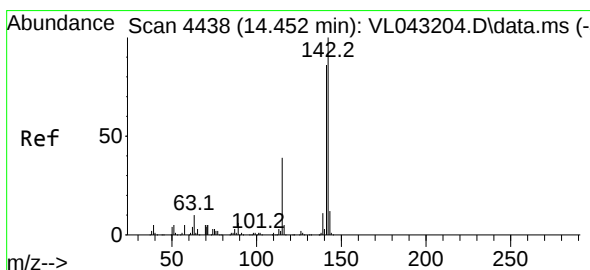
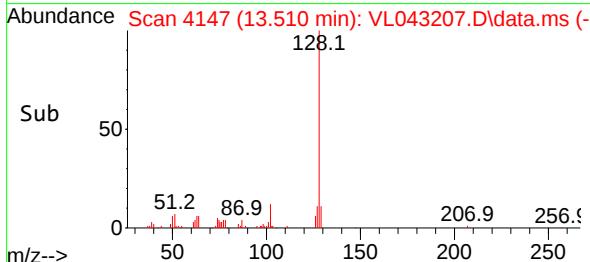
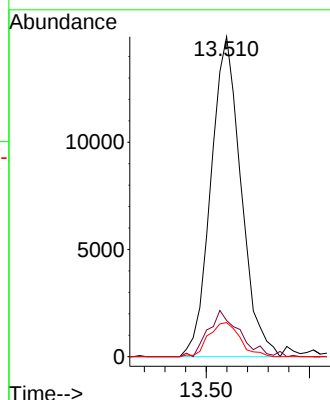
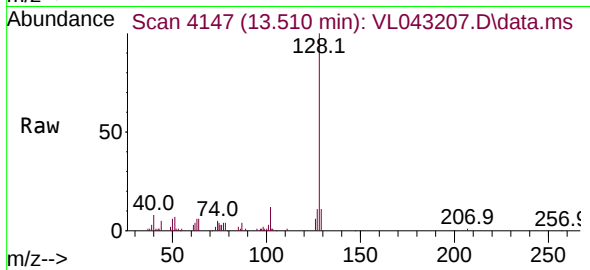
VSTDICC0.5

Tgt Ion:	128	Resp:	15125
Ion Ratio	Lower	Upper	
128	100		
127	11.3	9.9	14.9
129	10.6	8.4	12.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025



#80

Naphthalene,2-methyl-

Concen: 0.295 ppbv

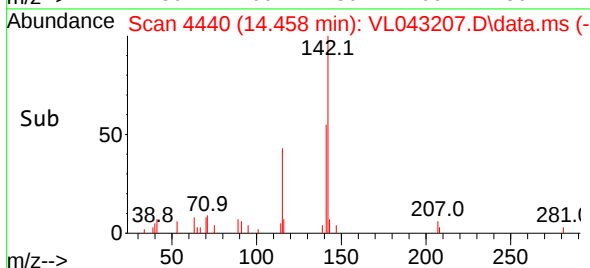
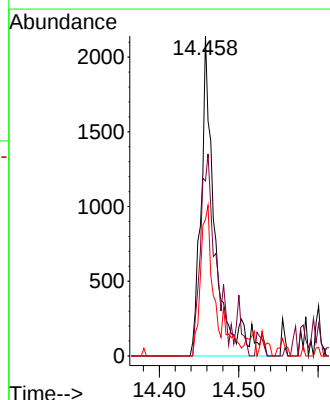
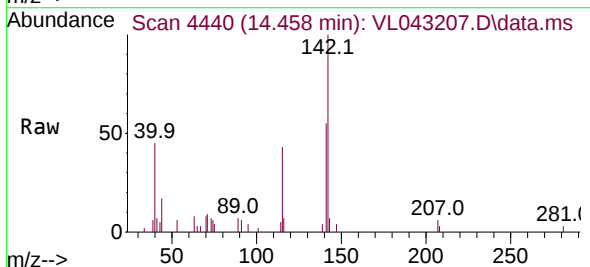
RT: 14.458 min Scan# 4440

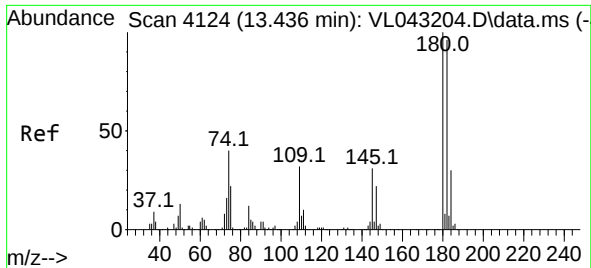
Delta R.T. 0.006 min

Lab File: VL043207.D

Acq: 18 Nov 2025 11:43

Tgt Ion:	142	Resp:	2640
Ion Ratio	Lower	Upper	
142	100		
141	76.3	67.1	100.7
115	54.8	31.9	47.9





#81

1,2,4-Trichlorobenzene

Concen: 0.426 ppbv

RT: 13.439 min Scan# 41

Delta R.T. 0.003 min

Lab File: VL043207.D

Acq: 18 Nov 2025 11:43

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

Tgt Ion:180 Resp: 644

Ion Ratio Lower Upper

180 100

182 97.7 77.4 116.2

184 26.5 24.2 36.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/19/2025

Supervised By :Mahesh Dadoda 11/19/2025

