

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL112425\
 Data File : VL043278.D
 Acq On : 24 Nov 2025 12:27
 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 11/25/2025
 Supervised By :Mahesh Dadoda 11/25/2025

Quant Time: Nov 24 23:38:34 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	2.784	49	107061	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.952	114	275969	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.872	117	215083	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 10.370 95 163444 10.367 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 103.700%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.499	85	165790	10.979	ppbv	100
3) Chlorodifluoromethane	1.476	51	154655	10.414	ppbv	96
4) Chloromethane	1.531	50	57140	10.121	ppbv	92
5) Vinyl Chloride	1.580	62	57379	9.293	ppbv	94
6) Bromomethane	1.667	94	28470	9.512	ppbv	95
7) Chloroethane	1.703	64	23590	9.810	ppbv	94
8) Dichlorotetrafluoroethane	1.554	85	137737	10.965	ppbv	99
9) Propene	1.482	41	60577m	9.606	ppbv	
10) Heptane	4.968	43	170551	9.087	ppbv	99
11) Trichlorofluoromethane	1.877	101	175925	12.025	ppbv	97
12) 1,1,2-Trichlorotrifluo...	2.136	101	130475	11.423	ppbv	96
13) Ethanol	1.719	45	17888	8.067	ppbv	95
14) Bromoethene	1.780	108	47510	10.850	ppbv	96
15) Acetone	1.832	43	125343	8.427	ppbv	99
16) 1,3-Butadiene	1.609	39	64565	9.736	ppbv	96
17) tert-Butyl alcohol	2.036	59	188025	9.630	ppbv	100
18) 1,1-Dichloroethene	2.033	96	57383	10.790	ppbv	98
19) Isopropyl Alcohol	1.884	45	75837	9.023	ppbv	93
20) Methylene Chloride	2.059	84	52345	12.108	ppbv	91
21) Allyl Chloride	2.094	41	88510	8.844	ppbv	94
22) trans-1,2-Dichloroethene	2.337	96	64226	10.566	ppbv	99
23) Vinyl Acetate	2.460	43	162160	9.030	ppbv #	99
24) 1,1-Dichloroethane	2.405	63	126001	10.739	ppbv	98
25) Ethyl Acetate	2.829	43	302952	9.443	ppbv	99
26) Hexane	2.822	57	136961	9.738	ppbv	98
27) Carbon Disulfide	2.149	76	160712	11.192	ppbv	99
28) Methyl tert-Butyl Ether	2.434	73	69559	10.075	ppbv	94
29) Chloroform	2.845	83	232873	11.649	ppbv	100
30) Cyclohexane	3.852	84	115484	9.793	ppbv	95
31) cis-1,2-Dichloroethene	2.716	61	143927	10.295	ppbv	98
32) 1,1,1-Trichloroethane	3.360	97	239307	11.230	ppbv	99
34) 2-Butanone	2.551	43	193336	9.925	ppbv	99
35) Carbon Tetrachloride	3.758	117	251772	12.019	ppbv	98
36) Benzene	3.651	78	281056	10.634	ppbv	98
37) 1,2-Dichloroethane	3.211	62	179931	11.639	ppbv	98
38) Trichloroethene	4.538	130	112004	10.832	ppbv	95
39) 1,2-Dichloropropane	4.305	63	100819	10.423	ppbv	89
40) 1,4-Dioxane	4.570	88	37926	8.722	ppbv #	97
41) Tetrahydrofuran	3.046	42	100803	9.370	ppbv	97
42) Bromodichloromethane	4.480	83	247223	11.593	ppbv	98
43) Methyl Methacrylate	4.868	69	133803	9.538	ppbv	94
44) 2,2,4-Trimethylpentane	4.632	57	465164	10.248	ppbv	98
45) t-1,3-Dichloropropene	6.405	75	104473	7.989	ppbv	98

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Instrument :
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 ClientSampleId :
 VSTDCCC010

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 11/25/2025
 Supervised By :Mahesh Dadoda 11/25/2025

Quant Time: Nov 24 23:38:34 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 01:11:25 2025

Response via : Initial Calibration

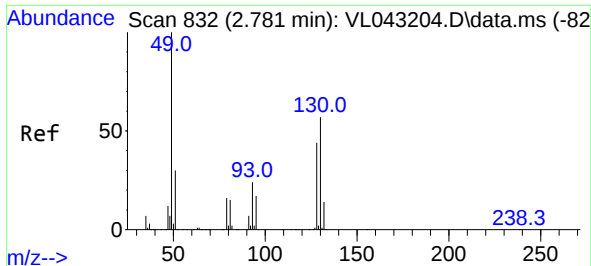
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.590	75	128727	8.383	ppbv	93
47) 1,1,2-Trichloroethane	6.567	97	112927	11.001	ppbv	97
48) Dibromochloromethane	7.376	129	204344	11.578	ppbv	100
49) Bromoform	9.474	173	180678	11.557	ppbv	99
50) 4-Methyl-2-Pentanone	5.729	43	252700	9.209	ppbv	100
51) 2-Hexanone	7.422	43	183438	8.608	ppbv #	99
52) Tetrachloroethene	8.218	164	102830	10.460	ppbv	91
53) Toluene	6.923	91	312291	9.979	ppbv	99
54) 1,2-Dibromoethane	7.642	107	152418	10.090	ppbv	99
56) 1,1,1,2-Tetrachloroethane	8.917	131	189737	12.003	ppbv	99
57) Chlorobenzene	8.914	112	249546	11.300	ppbv	97
58) Ethyl Benzene	9.348	91	448888	10.843	ppbv	97
59) m/p-Xylene	9.545	91	735995m	22.175	ppbv	
60) o-Xylene	9.956	91	373234	11.257	ppbv	100
61) Styrene	9.862	104	142379	9.812	ppbv	99
62) Isopropylbenzene	10.532	105	663175	11.180	ppbv	100
63) 1,1,2,2-Tetrachloroethane	9.956	83	229515	10.879	ppbv	100
64) n-propylbenzene	10.982	120	162848	10.684	ppbv	93
65) tert-Butylbenzene	11.526	119	575690	10.867	ppbv	99
66) Benzyl Chloride	11.610	91	27757	5.163	ppbv	98
67) sec-Butylbenzene	11.762	105	808129	10.929	ppbv	99
69) p-Isopropyltoluene	11.921	119	665442	10.623	ppbv	99
70) n-Butylbenzene	12.277	91	647136	10.649	ppbv	100
71) 2-Chlorotoluene	10.895	91	495463	10.867	ppbv	99
72) 4-Ethyltoluene	11.118	105	442267	10.953	ppbv	99
73) 1,3,5-Trimethylbenzene	11.199	105	372473	10.992	ppbv	96
74) 1,2,4-Trimethylbenzene	11.532	105	409684	11.079	ppbv	90
75) 1,3-Dichlorobenzene	11.600	146	242050	11.217	ppbv	99
76) 1,4-Dichlorobenzene	11.665	146	239021	11.074	ppbv	99
77) 1,2-Dichlorobenzene	11.940	146	231049	11.136	ppbv	99
78) Hexachloro-1,3-Butadiene	13.876	225	181252	10.468	ppbv	99
79) Naphthalene	13.507	128	339967	10.351	ppbv	99
80) Naphthalene,2-methyl-	14.452	142	85751	9.947	ppbv	99
81) 1,2,4-Trichlorobenzene	13.435	180	170083	11.579	ppbv	97

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

Manual Integrations APPROVED

Quant Time: Nov 24 23:38:34 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL11825AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug
QLast Update : Wed Nov 19 01:11:25 2025
Response via : Initial Calibration





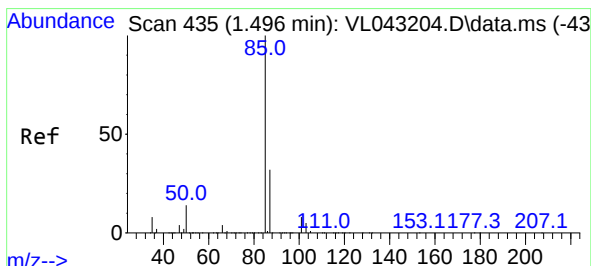
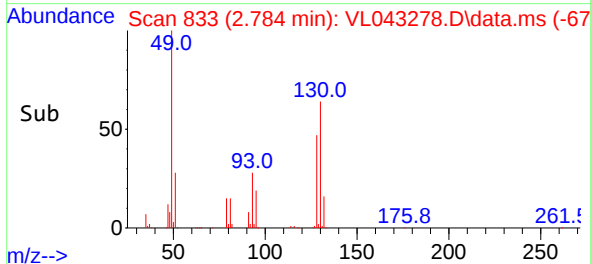
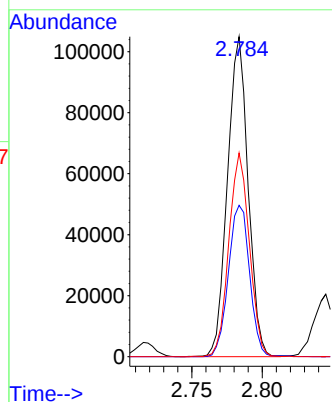
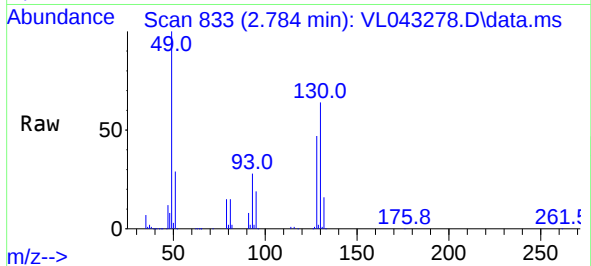
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.784 min Scan# 81
Delta R.T. 0.003 min
Lab File: VL043278.D
Acq: 24 Nov 2025 12:27

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 49 Resp: 10706
Ion Ratio Lower Upper
49 100
128 48.8 23.0 69.0
130 63.3 29.9 89.7

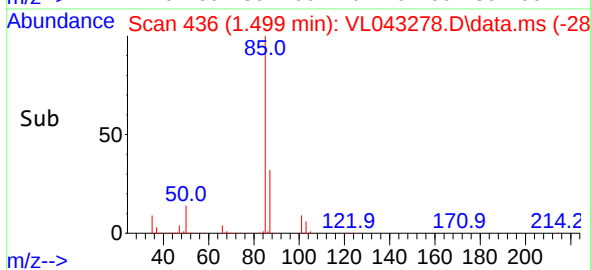
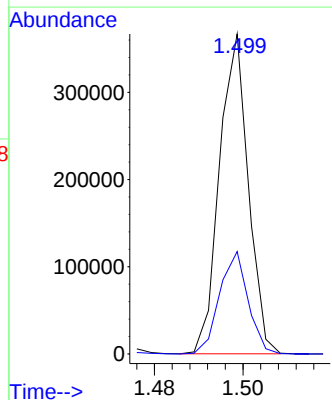
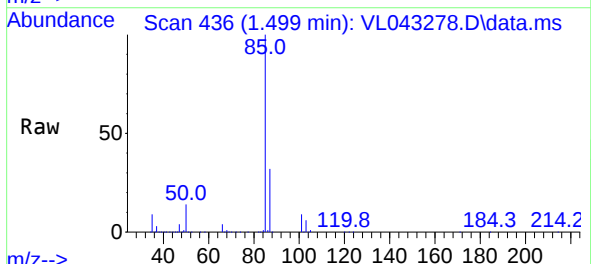
Manual Integrations
APPROVED

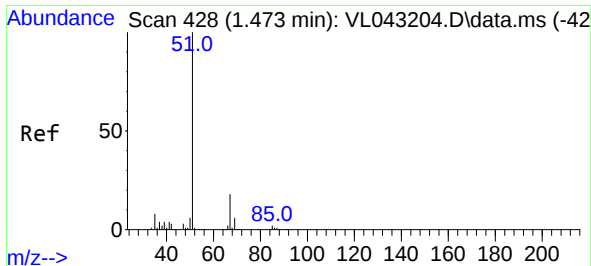
Reviewed By :Semsettin Yesilyurt 11/25/2025
Supervised By :Mahesh Dadoda 11/25/2025



#2
Dichlorodifluoromethane
Concen: 10.979 ppbv
RT: 1.499 min Scan# 436
Delta R.T. 0.003 min
Lab File: VL043278.D
Acq: 24 Nov 2025 12:27

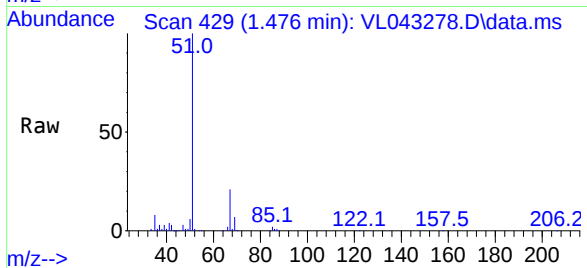
Tgt Ion: 85 Resp: 165790
Ion Ratio Lower Upper
85 100
87 32.0 25.4 38.2





#3
Chlorodifluoromethane
Concen: 10.414 ppbv
RT: 1.476 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL043278.D
Acq: 24 Nov 2025 12:27

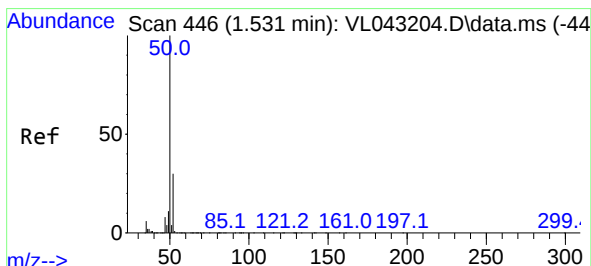
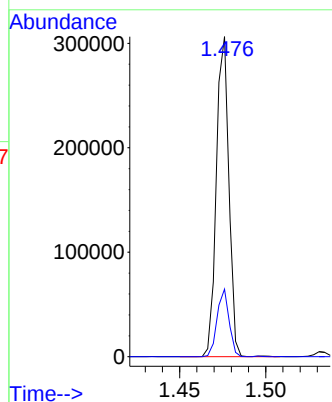
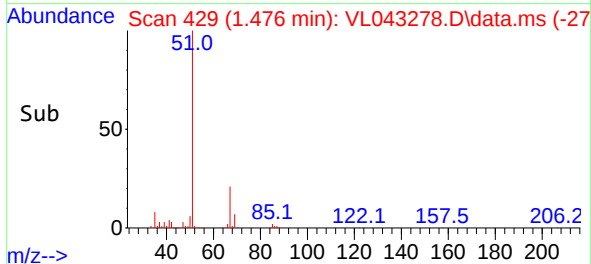
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 51 Resp: 15465
Ion Ratio Lower Upper
51 100
67 20.3 14.9 22.3

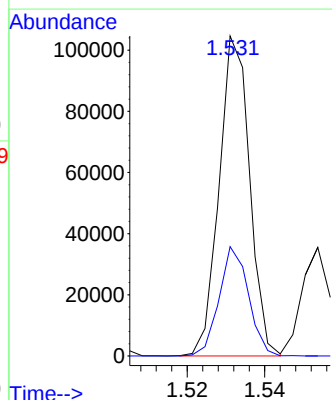
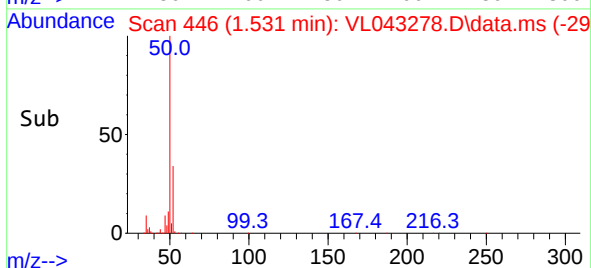
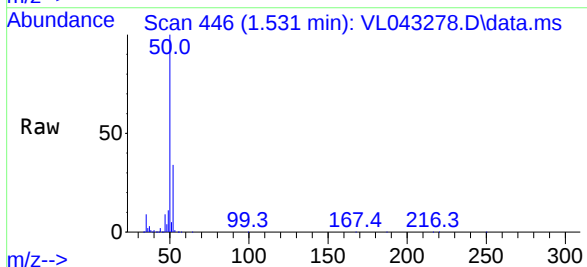
Manual Integrations
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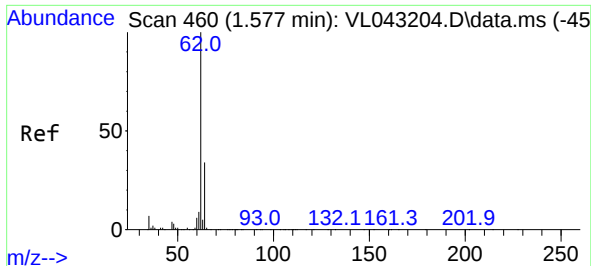
Reviewed By :Semsettin Yesilyurt 11/25/2025
Supervised By :Mahesh Dadoda 11/25/2025



#4
Chloromethane
Concen: 10.121 ppbv
RT: 1.531 min Scan# 446
Delta R.T. -0.000 min
Lab File: VL043278.D
Acq: 24 Nov 2025 12:27

Tgt Ion: 50 Resp: 57140
Ion Ratio Lower Upper
50 100
52 34.2 24.1 36.1





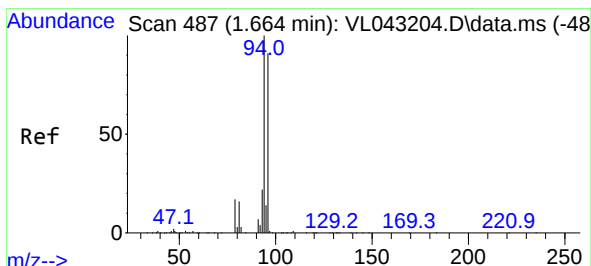
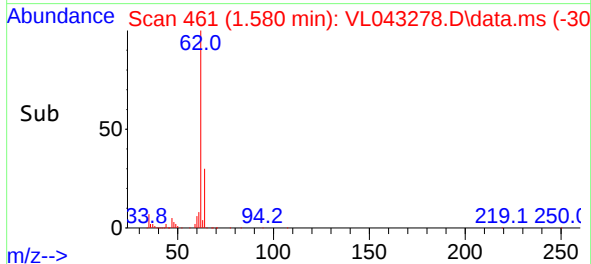
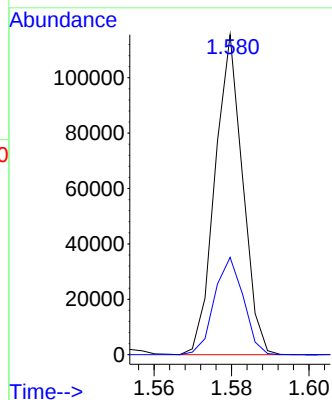
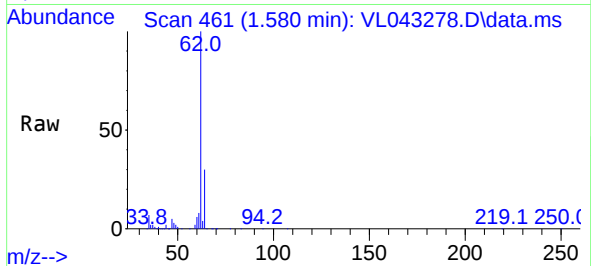
#5
 Vinyl Chloride
 Concen: 9.293 ppbv
 RT: 1.580 min Scan# 461
 Delta R.T. 0.003 min
 Lab File: VL043278.D
 Acq: 24 Nov 2025 12:27

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 62 Resp: 57379
 Ion Ratio Lower Upper
 62 100
 64 30.4 27.3 40.9

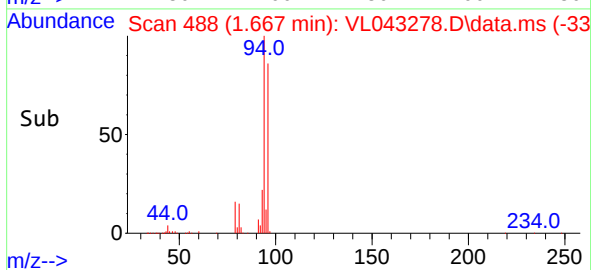
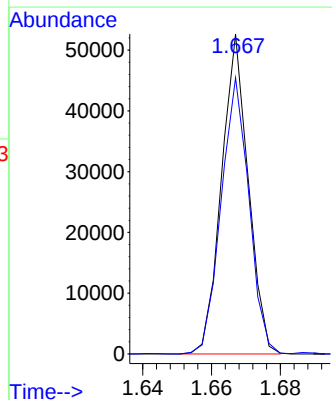
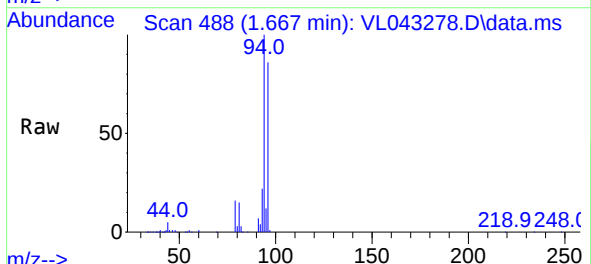
Manual Integrations
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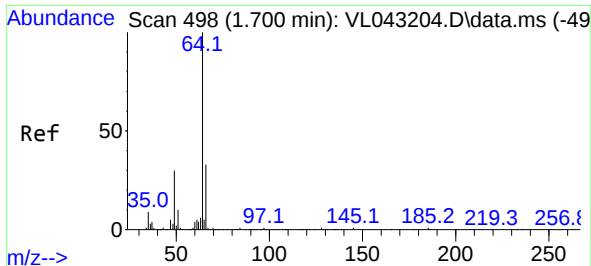
Reviewed By :Semsettin Yesilyurt 11/25/2025
 Supervised By :Mahesh Dadoda 11/25/2025



#6
 Bromomethane
 Concen: 9.512 ppbv
 RT: 1.667 min Scan# 488
 Delta R.T. 0.003 min
 Lab File: VL043278.D
 Acq: 24 Nov 2025 12:27

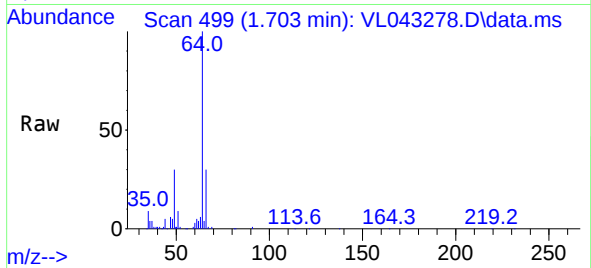
Tgt Ion: 94 Resp: 28470
 Ion Ratio Lower Upper
 94 100
 96 86.3 72.9 109.3





#7
Chloroethane
Concen: 9.810 ppbv
RT: 1.703 min Scan# 499
Delta R.T. 0.003 min
Lab File: VL043278.D
Acq: 24 Nov 2025 12:27

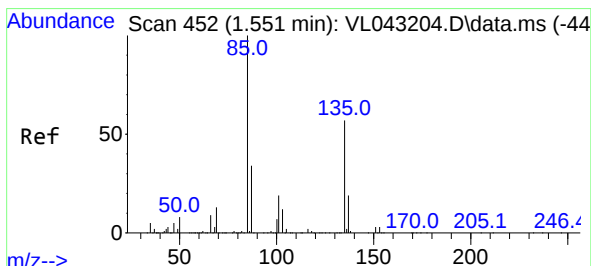
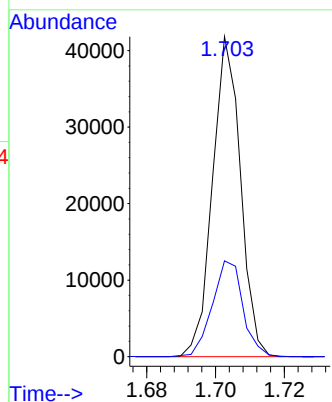
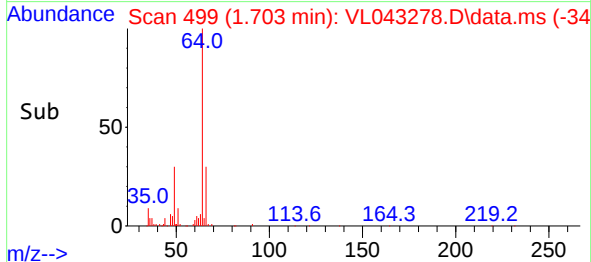
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



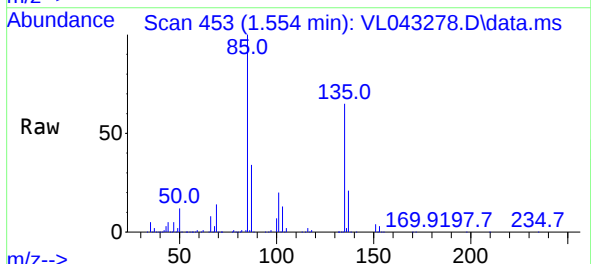
Tgt Ion: 64 Resp: 23590
Ion Ratio Lower Upper
64 100
66 29.9 26.8 40.2

Manual Integrations
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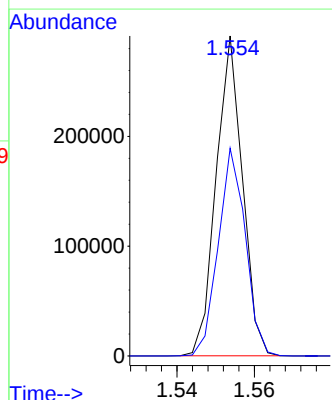
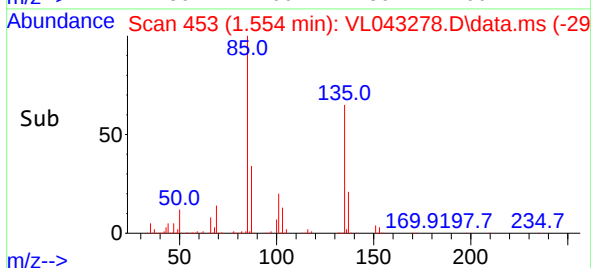
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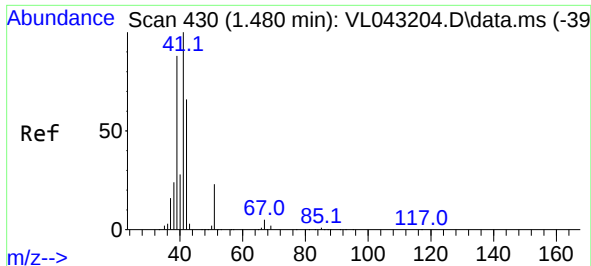


#8
Dichlorotetrafluoroethane
Concen: 10.965 ppbv
RT: 1.554 min Scan# 453
Delta R.T. 0.003 min
Lab File: VL043278.D
Acq: 24 Nov 2025 12:27



Tgt Ion: 85 Resp: 137737
Ion Ratio Lower Upper
85 100
135 66.9 52.6 79.0





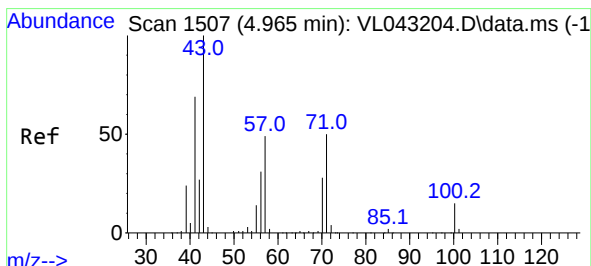
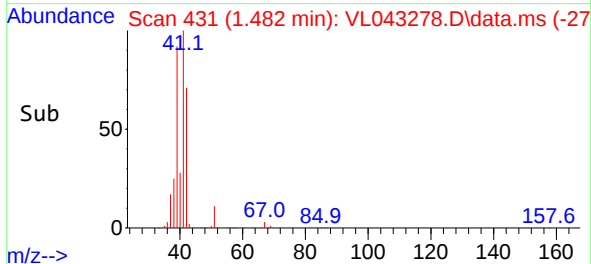
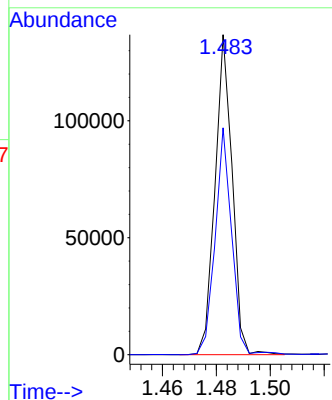
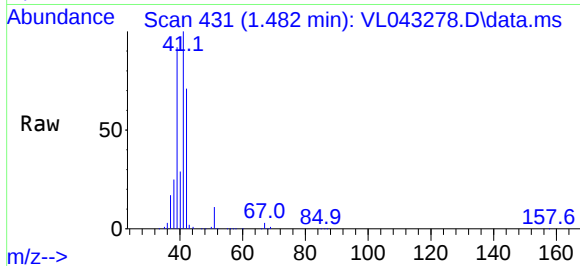
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Propene
Concen: 9.606 ppbv m
RT: 1.482 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL043278.D
Acq: 24 Nov 2025 12:27

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 41 Resp: 6057
Ion Ratio Lower Upper
41 100
42 5.0 3.7 5.5

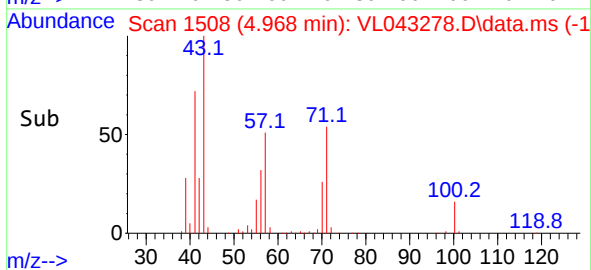
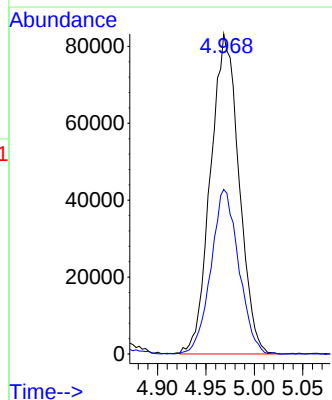
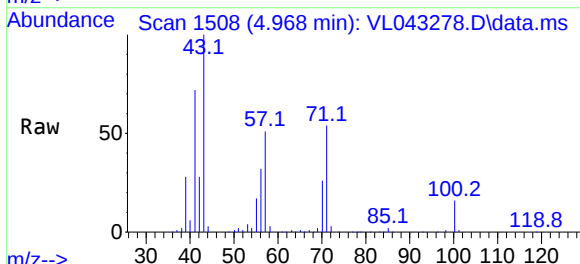
Manual Integrations
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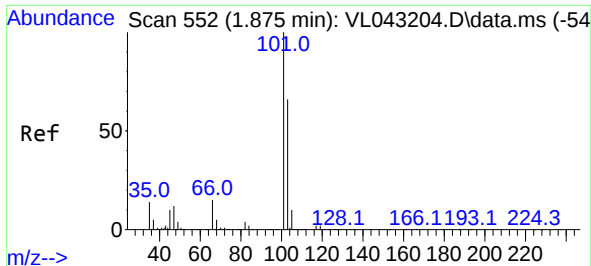
Reviewed By :Semsettin Yesilyurt 11/25/2025
Supervised By :Mahesh Dadoda 11/25/2025



#10
Heptane
Concen: 9.087 ppbv
RT: 4.968 min Scan# 1508
Delta R.T. 0.003 min
Lab File: VL043278.D
Acq: 24 Nov 2025 12:27

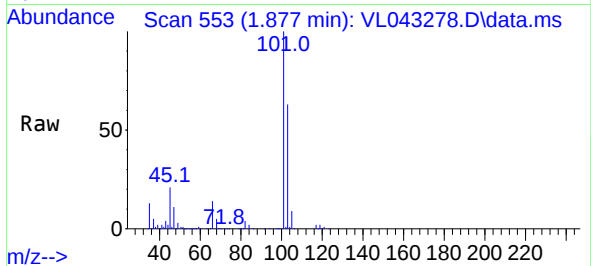
Tgt Ion: 43 Resp: 170551
Ion Ratio Lower Upper
43 100
57 50.1 39.7 59.5





#11
Trichlorofluoromethane
Concen: 12.025 ppbv
RT: 1.877 min Scan# 511
Delta R.T. 0.003 min
Lab File: VL043278.D
Acq: 24 Nov 2025 12:27

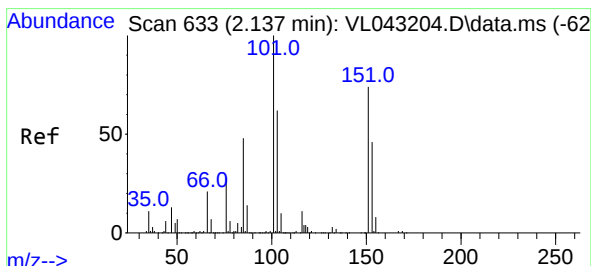
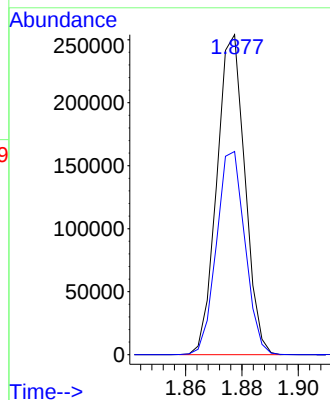
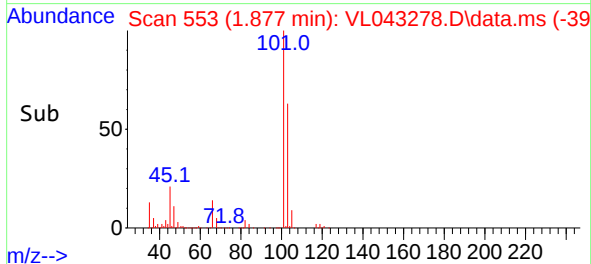
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



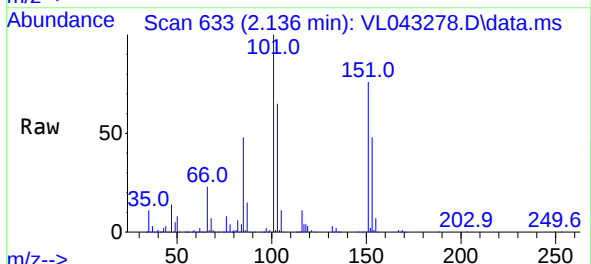
Tgt Ion:101 Resp: 175925
Ion Ratio Lower Upper
101 100
103 63.5 52.6 79.0

Manual Integrations
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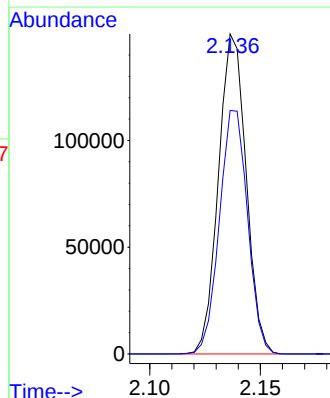
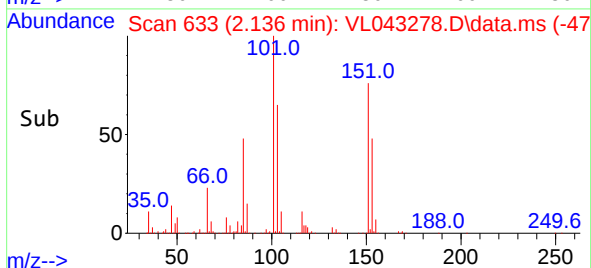
Reviewed By :Semsettin Yesilyurt 11/25/2025
Supervised By :Mahesh Dadoda 11/25/2025

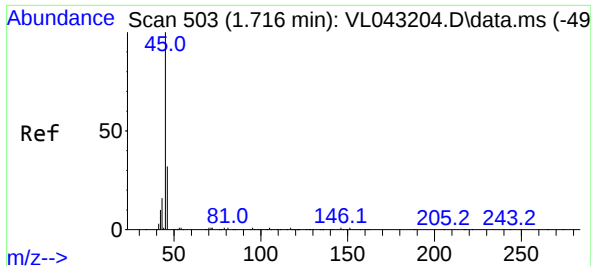


#12
1,1,2-Trichlorotrifluoroethane
Concen: 11.423 ppbv
RT: 2.136 min Scan# 633
Delta R.T. -0.000 min
Lab File: VL043278.D
Acq: 24 Nov 2025 12:27



Tgt Ion:101 Resp: 130475
Ion Ratio Lower Upper
101 100
151 77.5 59.2 88.8





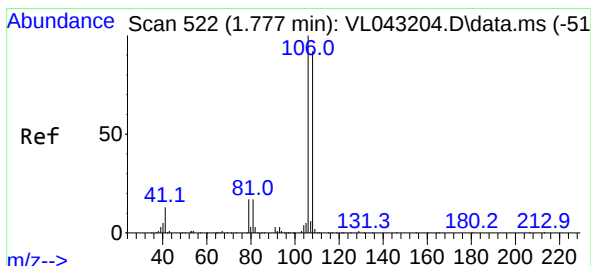
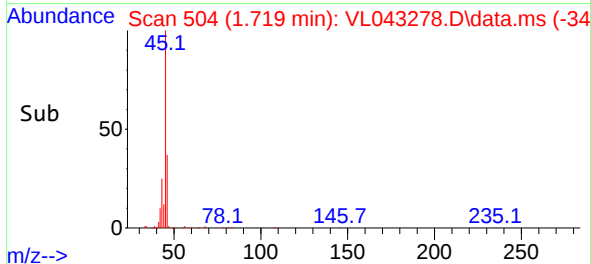
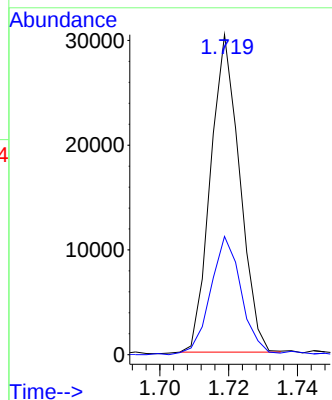
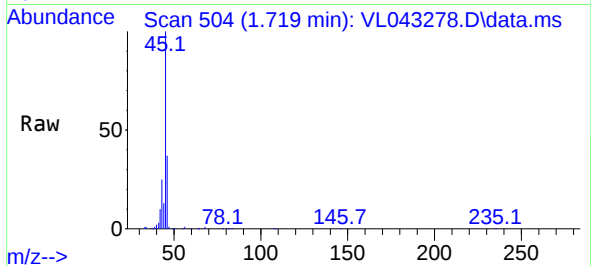
#13
Ethanol
Concen: 8.067 ppbv
RT: 1.719 min Scan# 503
Delta R.T. 0.003 min
Lab File: VL043278.D
Acq: 24 Nov 2025 12:27

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 45 Resp: 1788
Ion Ratio Lower Upper
45 100
46 40.3 15.0 59.8

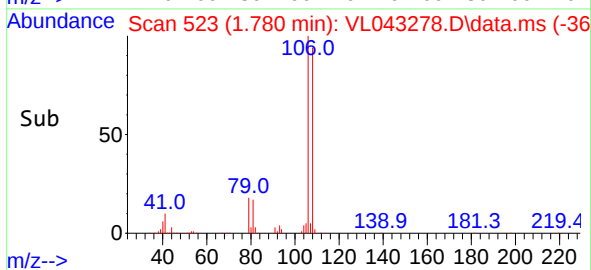
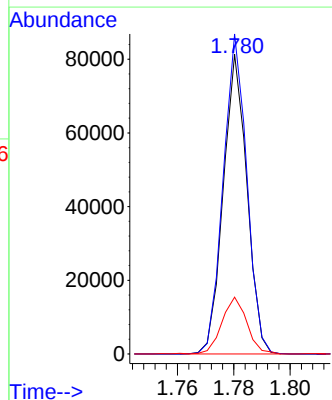
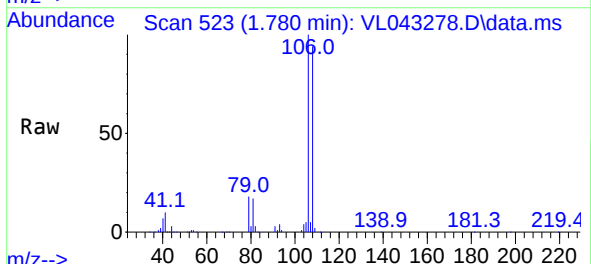
Manual Integrations
APPROVED

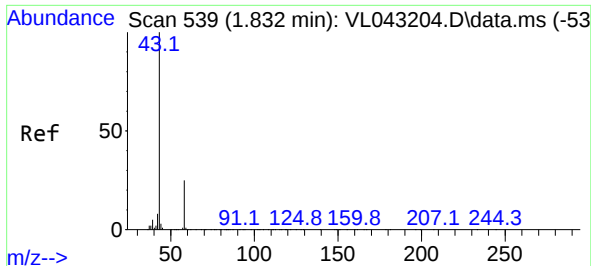
Reviewed By :Semsettin Yesilyurt 11/25/2025
Supervised By :Mahesh Dadoda 11/25/2025



#14
Bromoethene
Concen: 10.850 ppbv
RT: 1.780 min Scan# 523
Delta R.T. 0.003 min
Lab File: VL043278.D
Acq: 24 Nov 2025 12:27

Tgt Ion:108 Resp: 47510
Ion Ratio Lower Upper
108 100
106 105.9 88.9 133.3
79 20.1 16.5 24.7





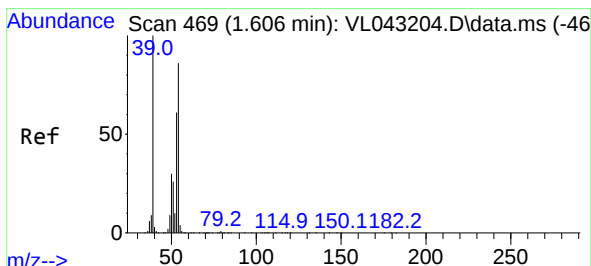
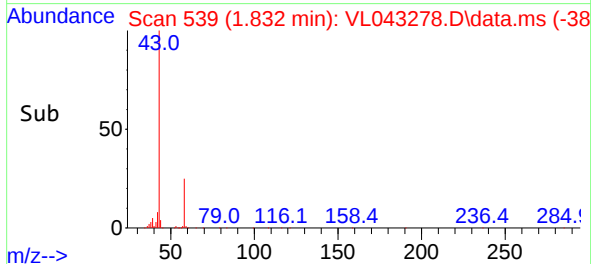
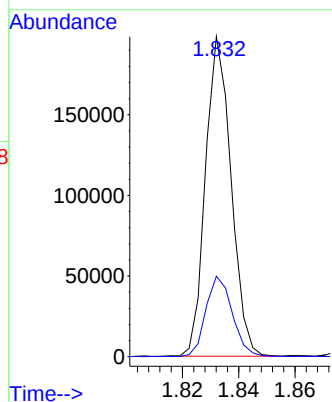
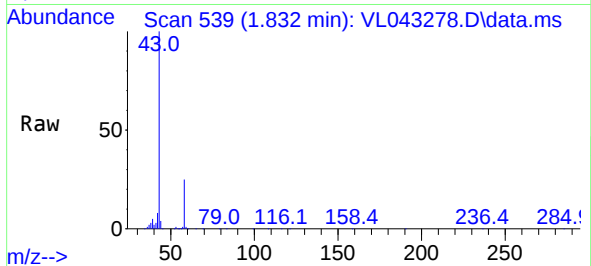
#15
Acetone
Concen: 8.427 ppbv
RT: 1.832 min Scan# 51
Delta R.T. -0.000 min
Lab File: VL043278.D
Acq: 24 Nov 2025 12:27

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 12534
Ion Ratio Lower Upper
43 100
58 26.2 20.7 31.1

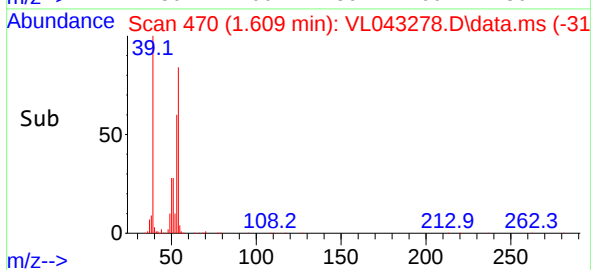
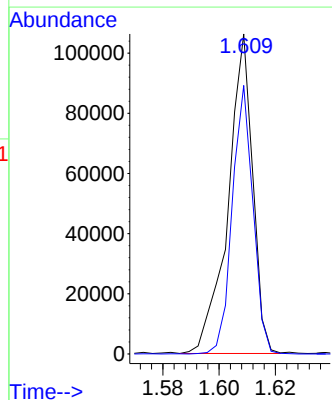
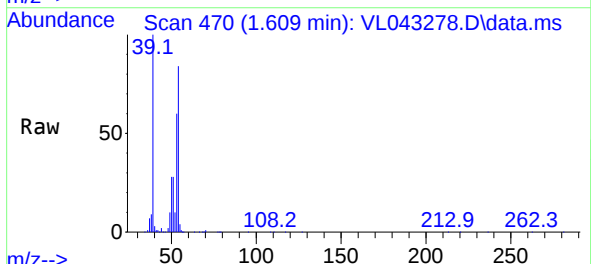
Manual Integrations
APPROVED

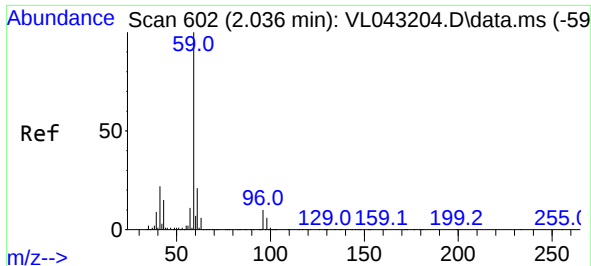
Reviewed By :Semsettin Yesilyurt 11/25/2025
Supervised By :Mahesh Dadoda 11/25/2025



#16
1,3-Butadiene
Concen: 9.736 ppbv
RT: 1.609 min Scan# 470
Delta R.T. 0.003 min
Lab File: VL043278.D
Acq: 24 Nov 2025 12:27

Tgt Ion: 39 Resp: 64565
Ion Ratio Lower Upper
39 100
54 70.5 59.4 89.2





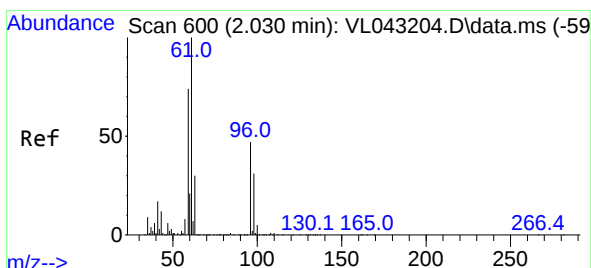
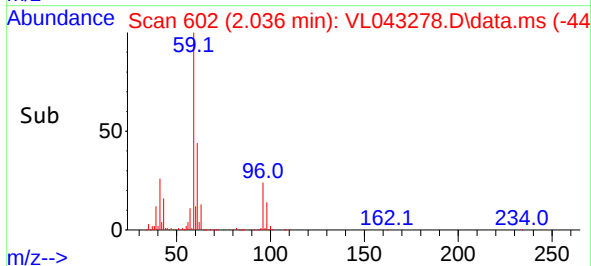
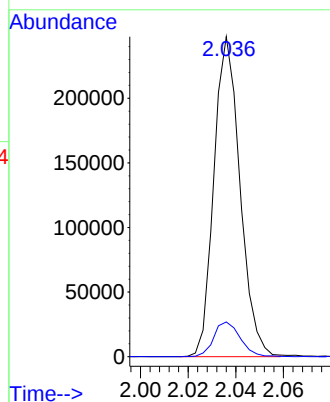
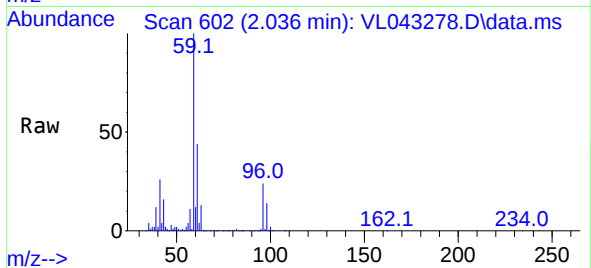
#17
tert-Butyl alcohol
Concen: 9.630 ppbv
RT: 2.036 min Scan# 601
Delta R.T. -0.000 min
Lab File: VL043278.D
Acq: 24 Nov 2025 12:27

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 59 Resp: 188025
Ion Ratio Lower Upper
59 100
57 11.1 9.0 13.4

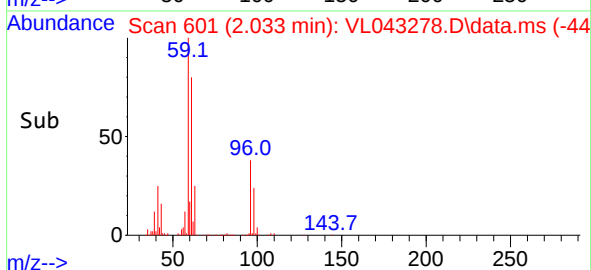
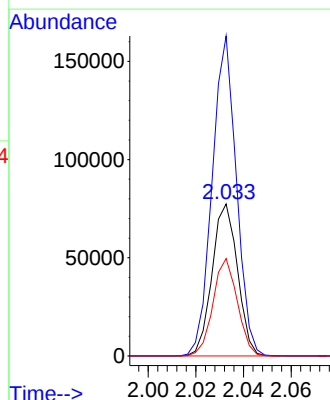
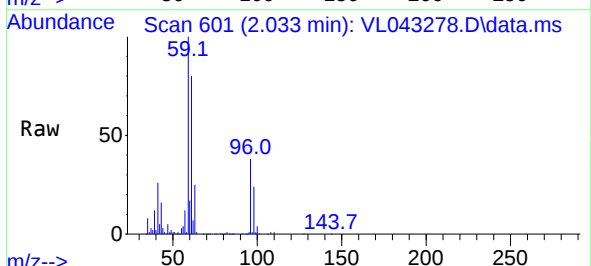
Manual Integrations
APPROVED

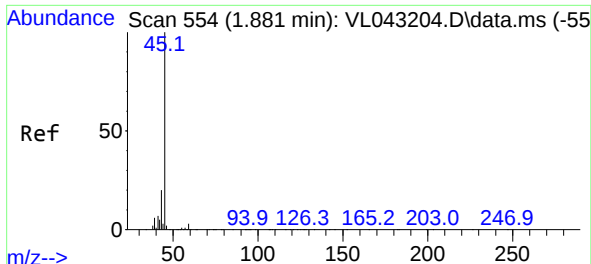
Reviewed By :Semsettin Yesilyurt 11/25/2025
Supervised By :Mahesh Dadoda 11/25/2025



#18
1,1-Dichloroethene
Concen: 10.790 ppbv
RT: 2.033 min Scan# 601
Delta R.T. 0.003 min
Lab File: VL043278.D
Acq: 24 Nov 2025 12:27

Tgt Ion: 96 Resp: 57383
Ion Ratio Lower Upper
96 100
61 210.5 170.6 255.8
98 64.1 52.2 78.4





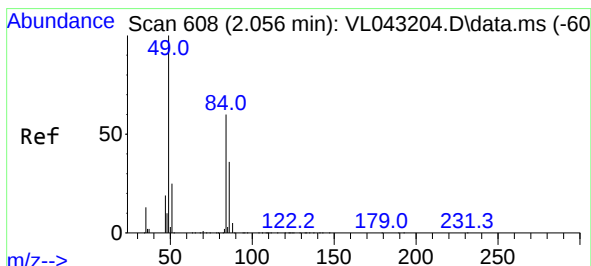
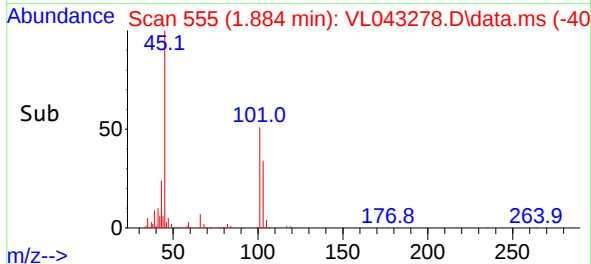
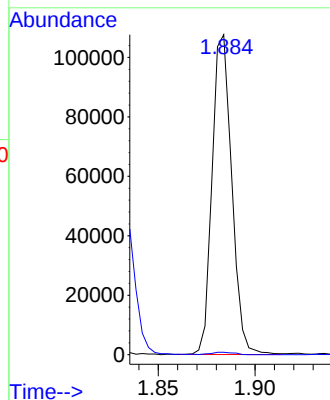
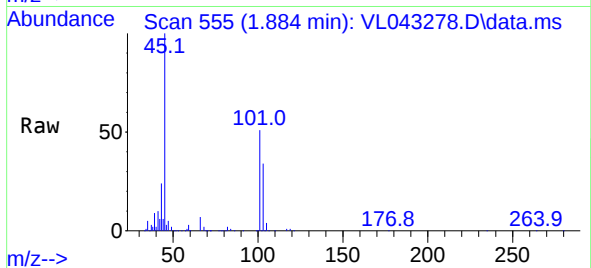
#19
Isopropyl Alcohol
Concen: 9.023 ppbv
RT: 1.884 min Scan# 511
Delta R.T. 0.003 min
Lab File: VL043278.D
Acq: 24 Nov 2025 12:27

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 45 Resp: 7583
Ion Ratio Lower Upper
45 100
58 43.3 31.3 46.9

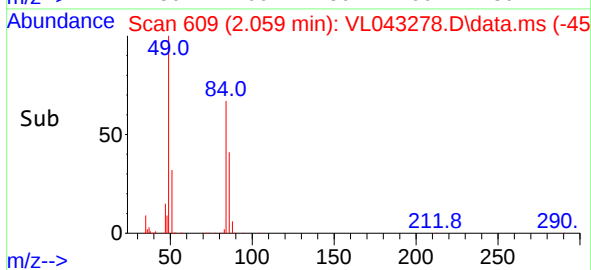
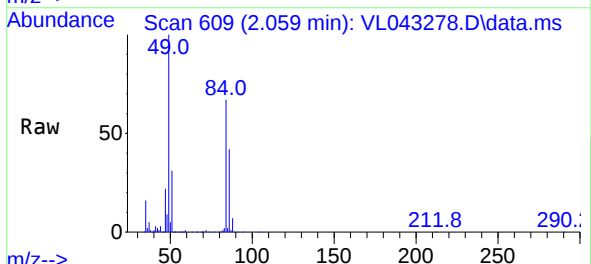
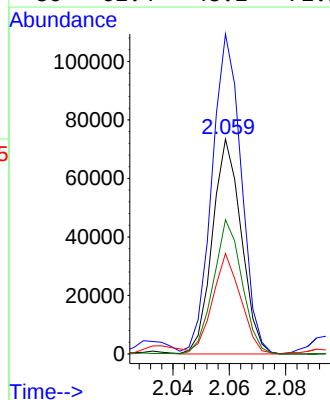
Manual Integrations
APPROVED

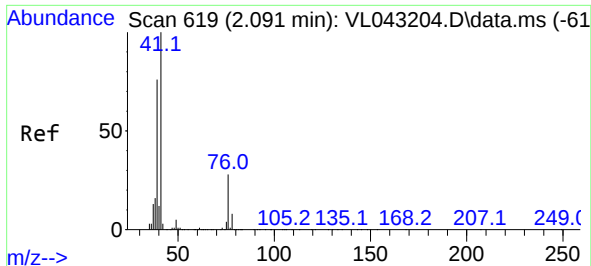
Reviewed By :Semsettin Yesilyurt 11/25/2025
Supervised By :Mahesh Dadoda 11/25/2025



#20
Methylene Chloride
Concen: 12.108 ppbv
RT: 2.059 min Scan# 609
Delta R.T. 0.003 min
Lab File: VL043278.D
Acq: 24 Nov 2025 12:27

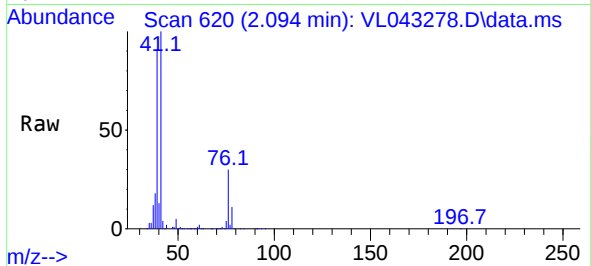
Tgt Ion: 84 Resp: 52345
Ion Ratio Lower Upper
84 100
49 148.8 132.9 199.3
51 46.6 34.8 52.2
86 62.4 48.2 72.2





#21
 Allyl Chloride
 Concen: 8.844 ppbv
 RT: 2.094 min Scan# 619
 Delta R.T. 0.003 min
 Lab File: VL043278.D
 Acq: 24 Nov 2025 12:27

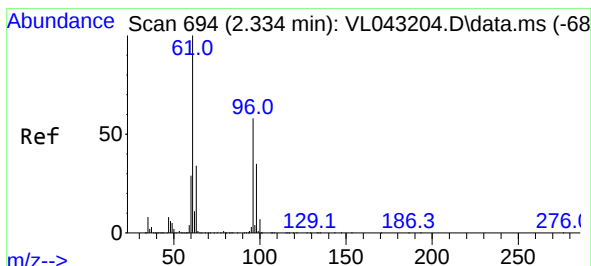
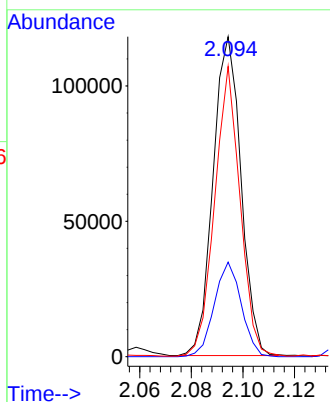
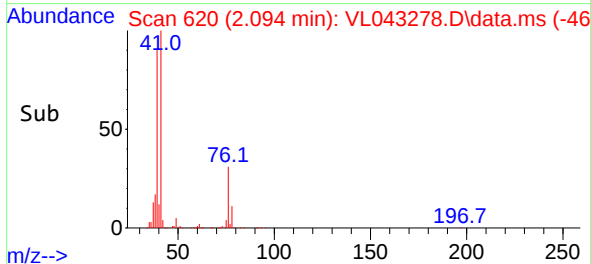
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



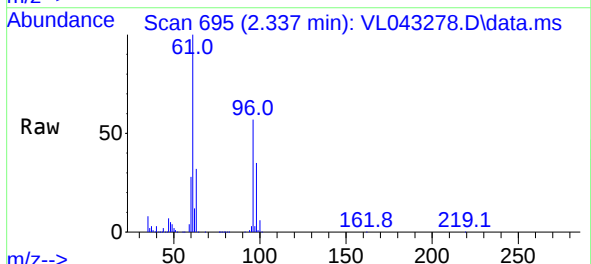
Tgt Ion: 41 Resp: 88510
 Ion Ratio Lower Upper
 41 100
 76 28.7 22.1 33.1
 39 82.5 61.0 91.4

Manual Integrations
 APPROVED

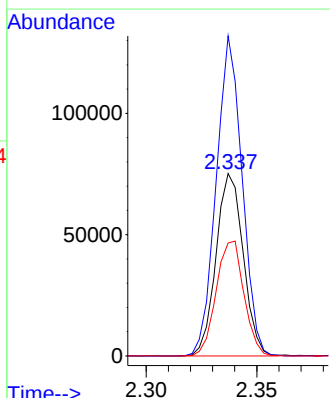
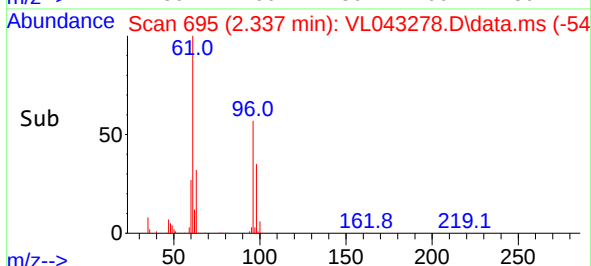
Reviewed By :Semsettin Yesilyurt 11/25/2025
 Supervised By :Mahesh Dadoda 11/25/2025

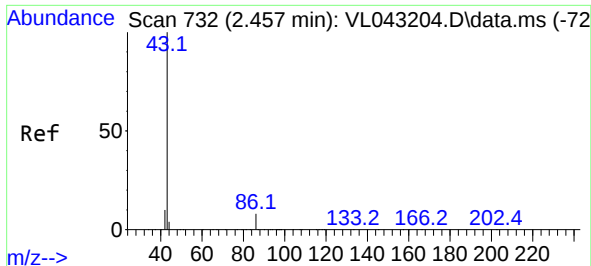


#22
 trans-1,2-Dichloroethene
 Concen: 10.566 ppbv
 RT: 2.337 min Scan# 695
 Delta R.T. 0.003 min
 Lab File: VL043278.D
 Acq: 24 Nov 2025 12:27



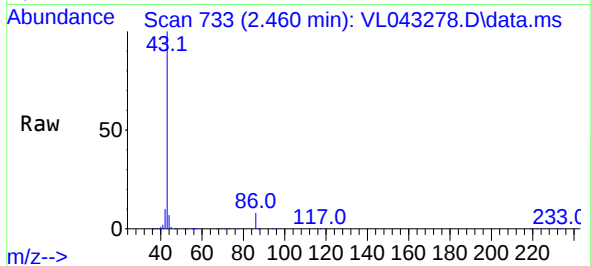
Tgt Ion: 96 Resp: 64226
 Ion Ratio Lower Upper
 96 100
 61 175.4 139.0 208.6
 98 62.0 49.4 74.2





#23
 Vinyl Acetate
 Concen: 9.030 ppbv
 RT: 2.460 min Scan# 716
 Delta R.T. 0.003 min
 Lab File: VL043278.D
 Acq: 24 Nov 2025 12:27

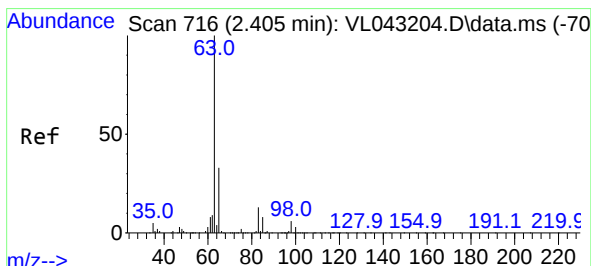
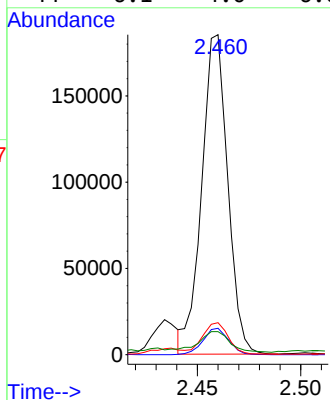
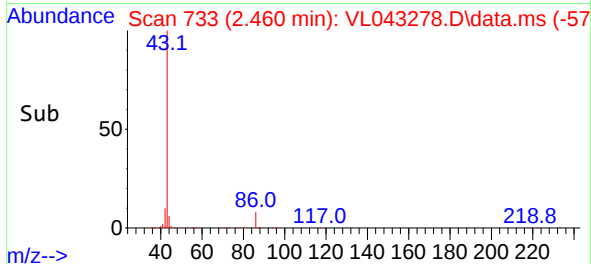
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



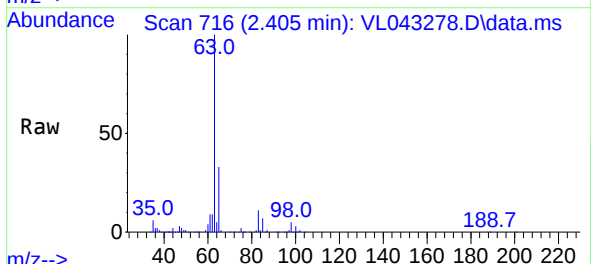
Tgt Ion: 43 Resp: 162160
 Ion Ratio Lower Upper
 43 100
 86 8.3 6.2 9.2
 42 9.9 8.0 12.0
 44 6.1 4.0 6.0#

Manual Integrations
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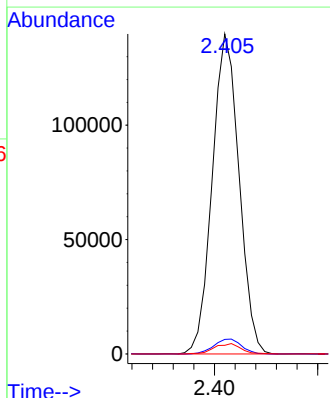
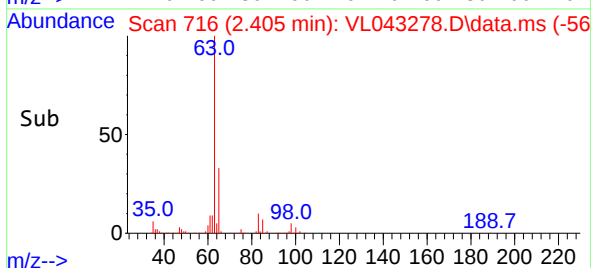
Reviewed By :Semsettin Yesilyurt 11/25/2025
 Supervised By :Mahesh Dadoda 11/25/2025

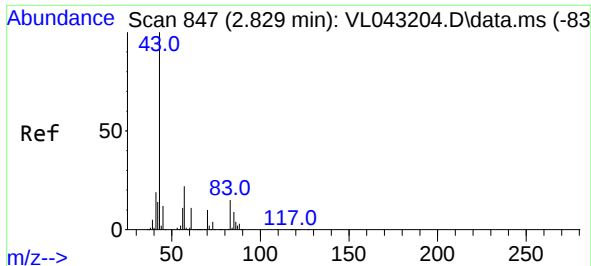


#24
 1,1-Dichloroethane
 Concen: 10.739 ppbv
 RT: 2.405 min Scan# 716
 Delta R.T. -0.000 min
 Lab File: VL043278.D
 Acq: 24 Nov 2025 12:27



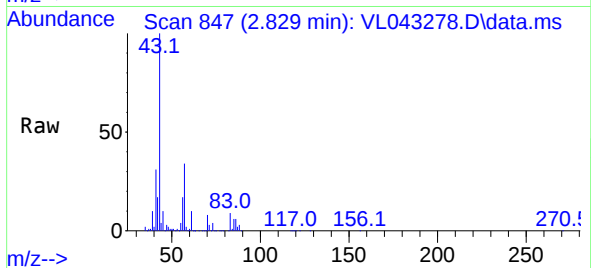
Tgt Ion: 63 Resp: 126001
 Ion Ratio Lower Upper
 63 100
 98 4.6 2.8 8.4
 100 2.7 1.3 3.9





#25
Ethyl Acetate
Concen: 9.443 ppbv
RT: 2.829 min Scan# 847
Delta R.T. -0.000 min
Lab File: VL043278.D
Acq: 24 Nov 2025 12:27

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

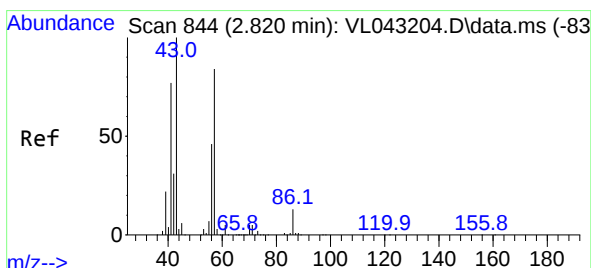
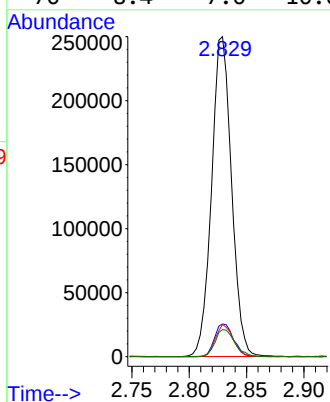
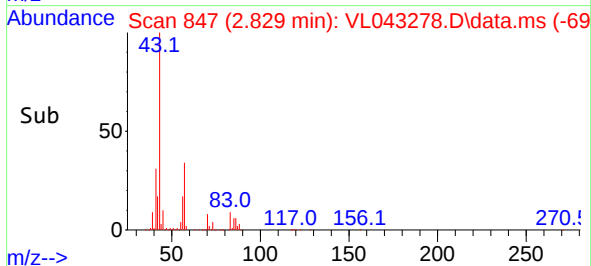


Tgt Ion: 43 Resp: 302952

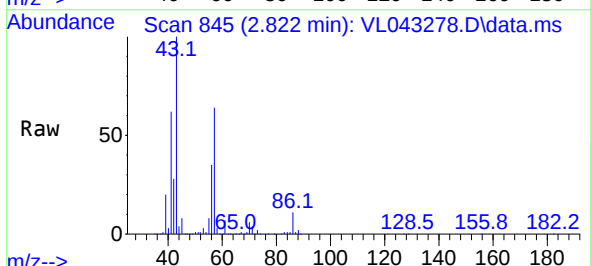
Ion	Ratio	Lower	Upper
43	100		
45	9.8	8.1	12.1
61	8.9	7.0	10.4
70	8.4	7.0	10.6

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 11/25/2025
Supervised By :Mahesh Dadoda 11/25/2025

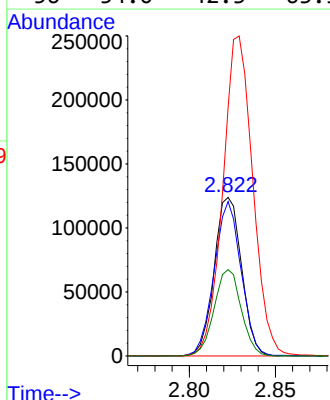
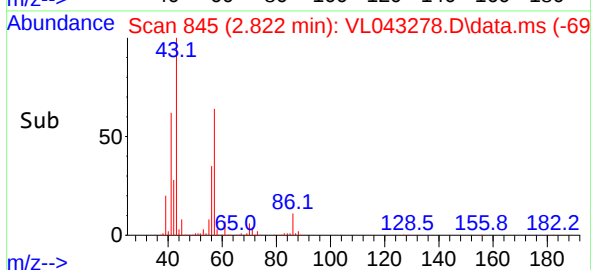


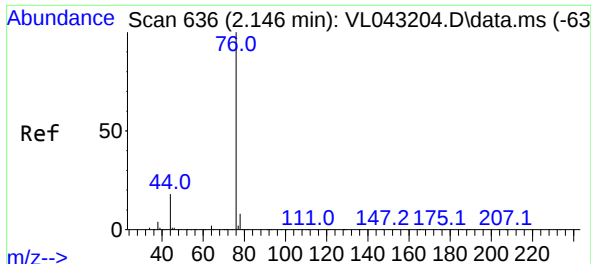
#26
Hexane
Concen: 9.738 ppbv
RT: 2.822 min Scan# 845
Delta R.T. 0.003 min
Lab File: VL043278.D
Acq: 24 Nov 2025 12:27



Tgt Ion: 57 Resp: 136961

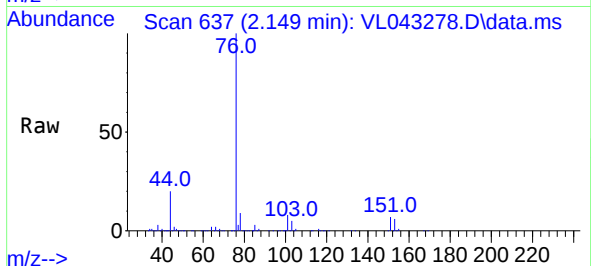
Ion	Ratio	Lower	Upper
57	100		
41	96.3	74.6	111.8
43	221.7	179.0	268.4
56	54.0	42.3	63.5





#27
Carbon Disulfide
Concen: 11.192 ppbv
RT: 2.149 min Scan# 611
Delta R.T. 0.003 min
Lab File: VL043278.D
Acq: 24 Nov 2025 12:27

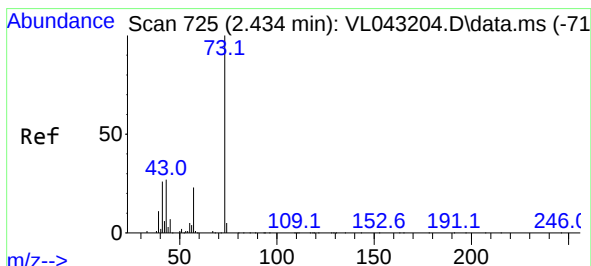
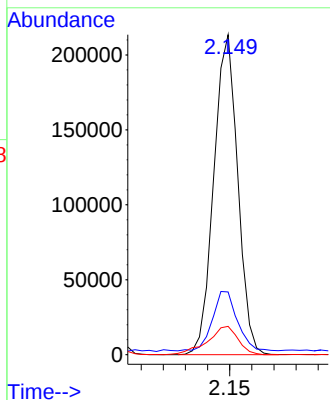
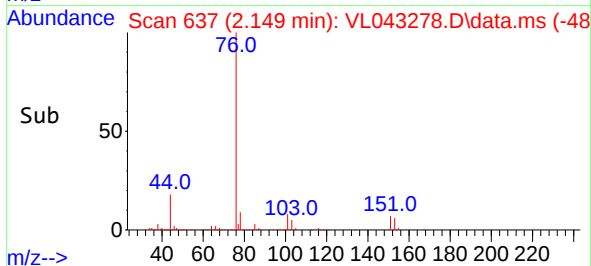
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



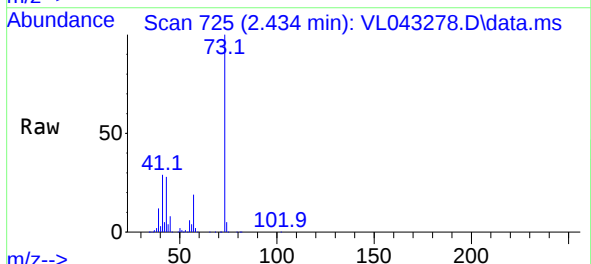
Tgt Ion: 76 Resp: 160712
Ion Ratio Lower Upper
76 100
44 20.3 16.1 24.1
78 11.2 9.6 14.4

Manual Integrations
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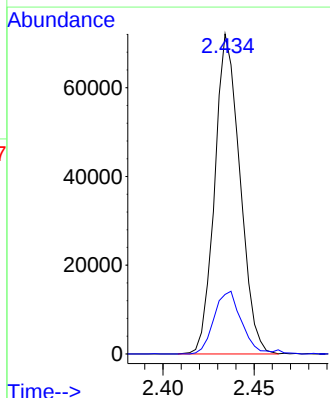
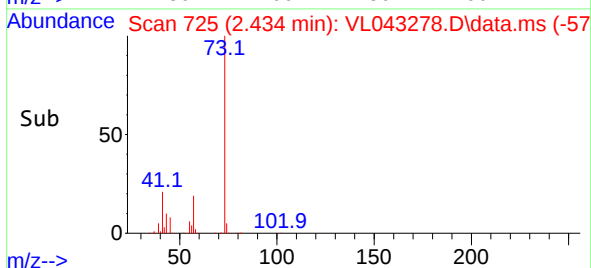
Reviewed By :Semsettin Yesilyurt 11/25/2025
Supervised By :Mahesh Dadoda 11/25/2025

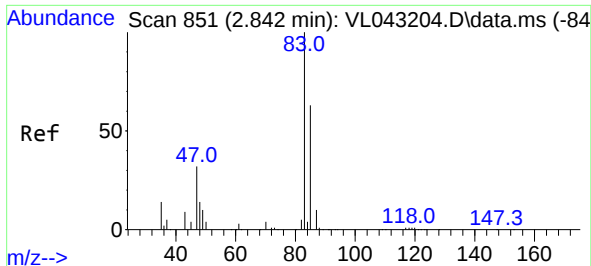


#28
Methyl tert-Butyl Ether
Concen: 10.075 ppbv
RT: 2.434 min Scan# 725
Delta R.T. -0.000 min
Lab File: VL043278.D
Acq: 24 Nov 2025 12:27



Tgt Ion: 73 Resp: 69559
Ion Ratio Lower Upper
73 100
57 21.7 19.8 29.8





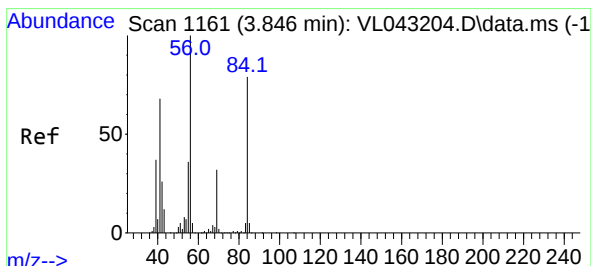
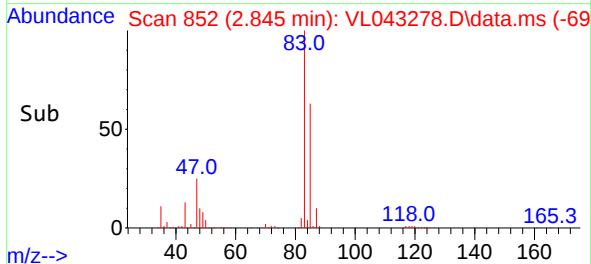
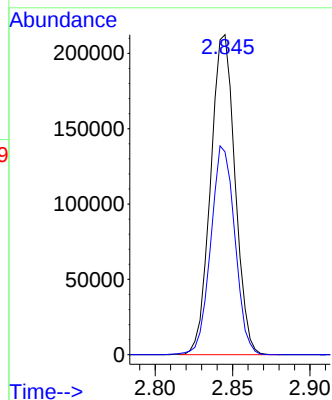
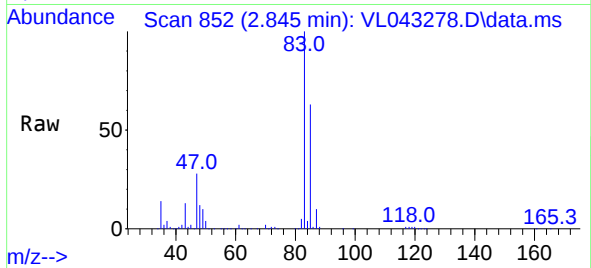
#29
Chloroform
Concen: 11.649 ppbv
RT: 2.845 min Scan# 81
Delta R.T. 0.003 min
Lab File: VL043278.D
Acq: 24 Nov 2025 12:27

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 83 Resp: 23287
Ion Ratio Lower Upper
83 100
85 63.4 50.5 75.7

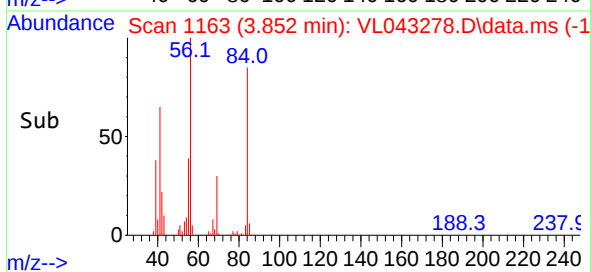
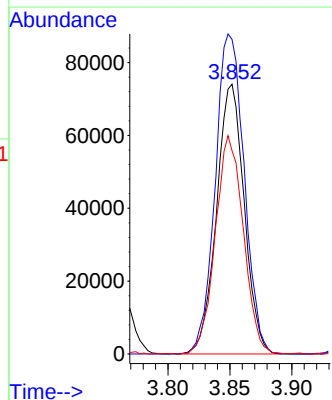
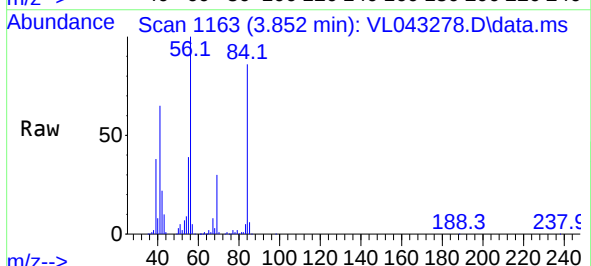
Manual Integrations
APPROVED

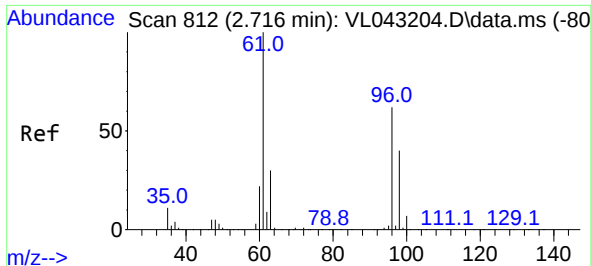
Reviewed By :Semsettin Yesilyurt 11/25/2025
Supervised By :Mahesh Dadoda 11/25/2025



#30
Cyclohexane
Concen: 9.793 ppbv
RT: 3.852 min Scan# 1163
Delta R.T. 0.006 min
Lab File: VL043278.D
Acq: 24 Nov 2025 12:27

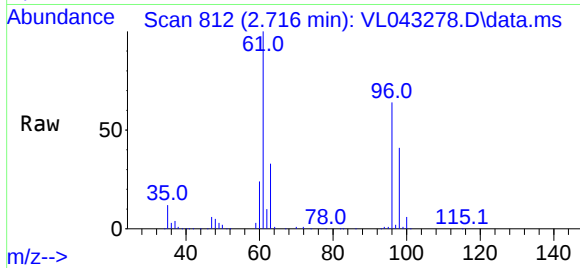
Tgt Ion: 84 Resp: 115484
Ion Ratio Lower Upper
84 100
56 123.9 104.7 157.1
41 82.2 69.0 103.6





#31
 cis-1,2-Dichloroethene
 Concen: 10.295 ppbv
 RT: 2.716 min Scan# 812
 Delta R.T. -0.000 min
 Lab File: VL043278.D
 Acq: 24 Nov 2025 12:27

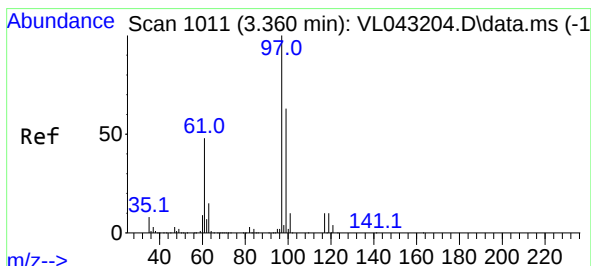
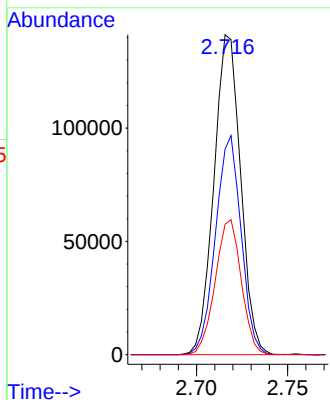
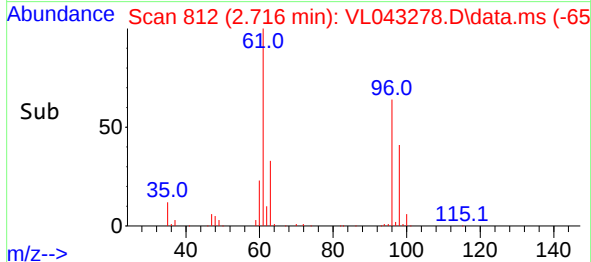
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



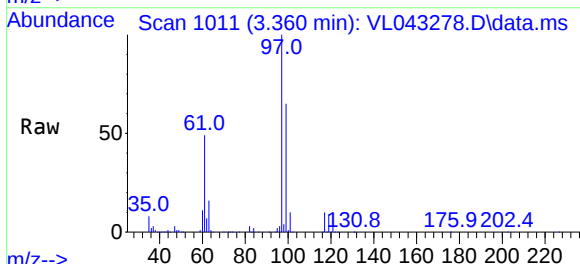
Tgt Ion: 61 Resp: 143927
 Ion Ratio Lower Upper
 61 100
 96 64.2 49.3 73.9
 98 40.8 32.1 48.1

Manual Integrations
 APPROVED

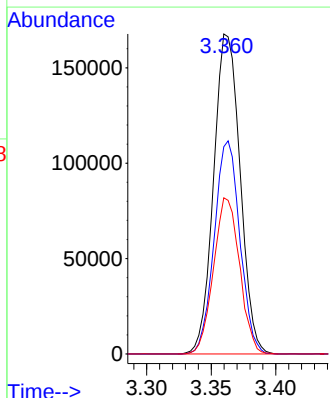
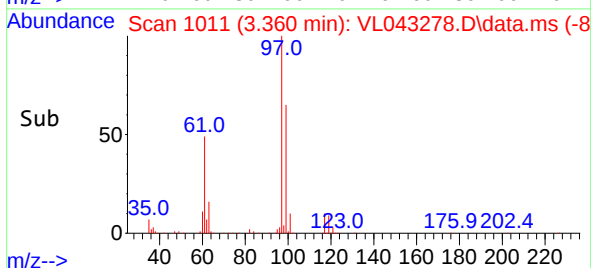
Reviewed By :Semsettin Yesilyurt 11/25/2025
 Supervised By :Mahesh Dadoda 11/25/2025

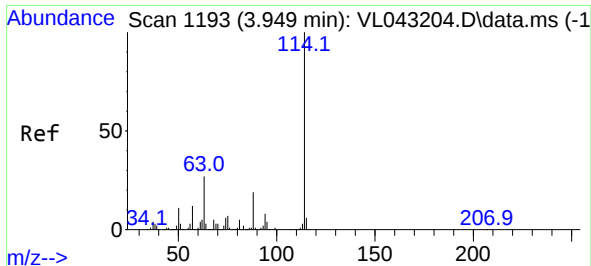


#32
 1,1,1-Trichloroethane
 Concen: 11.230 ppbv
 RT: 3.360 min Scan# 1011
 Delta R.T. -0.000 min
 Lab File: VL043278.D
 Acq: 24 Nov 2025 12:27



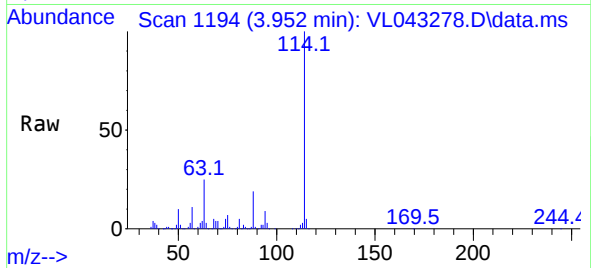
Tgt Ion: 97 Resp: 239307
 Ion Ratio Lower Upper
 97 100
 99 64.3 50.3 75.5
 61 48.0 38.9 58.3





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.952 min Scan# 1194
Delta R.T. 0.003 min
Lab File: VL043278.D
Acq: 24 Nov 2025 12:27

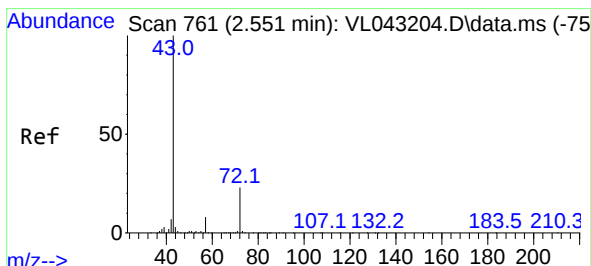
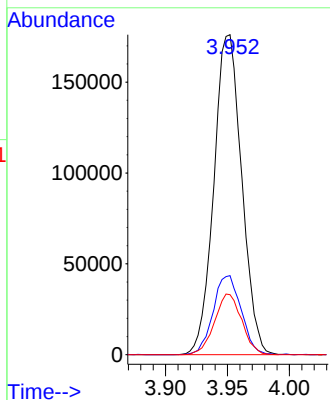
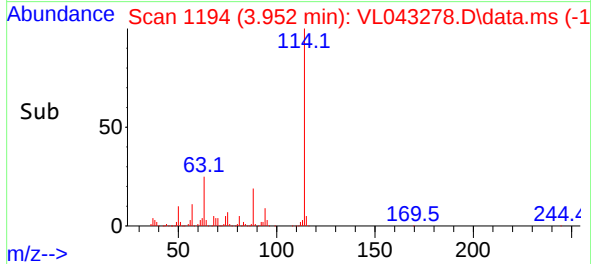
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:114 Resp: 275969
Ion Ratio Lower Upper
114 100
63 24.9 21.0 31.6
88 18.5 14.9 22.3

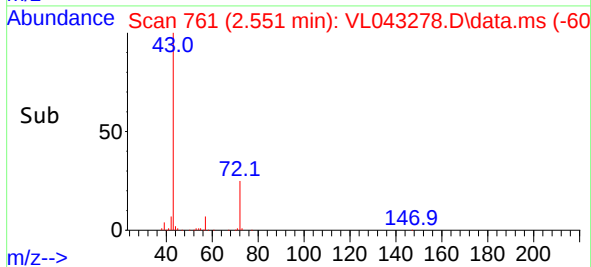
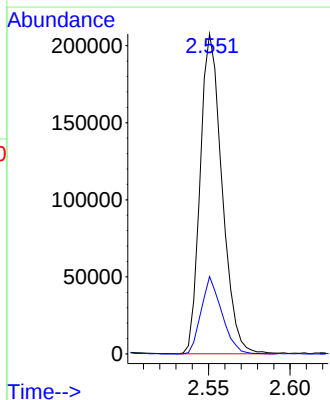
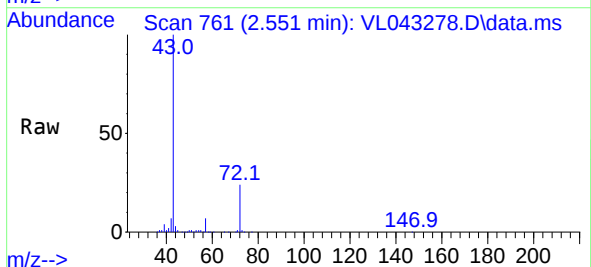
Manual Integrations
APPROVED

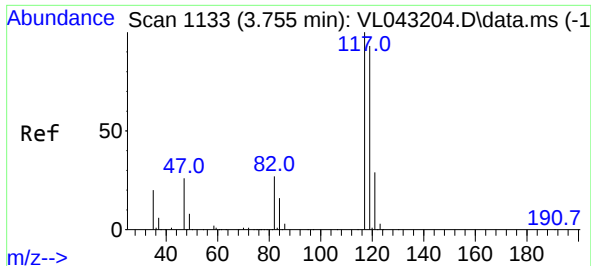
Reviewed By :Semsettin Yesilyurt 11/25/2025
Supervised By :Mahesh Dadoda 11/25/2025



#34
2-Butanone
Concen: 9.925 ppbv
RT: 2.551 min Scan# 761
Delta R.T. -0.000 min
Lab File: VL043278.D
Acq: 24 Nov 2025 12:27

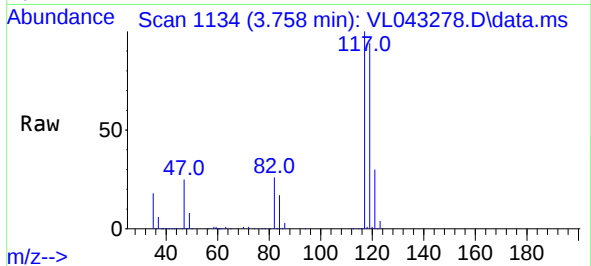
Tgt Ion: 43 Resp: 193336
Ion Ratio Lower Upper
43 100
72 23.1 18.1 27.1





#35
Carbon Tetrachloride
Concen: 12.019 ppbv
RT: 3.758 min Scan# 1133
Delta R.T. 0.003 min
Lab File: VL043278.D
Acq: 24 Nov 2025 12:27

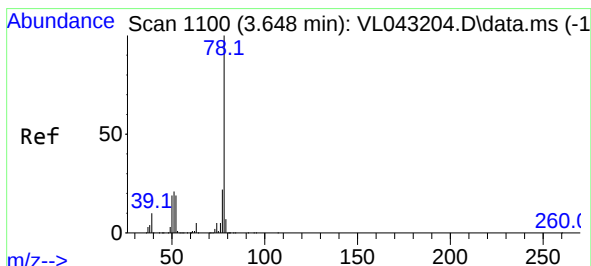
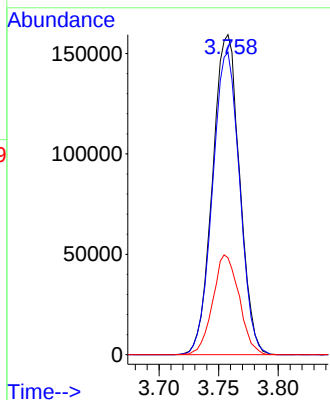
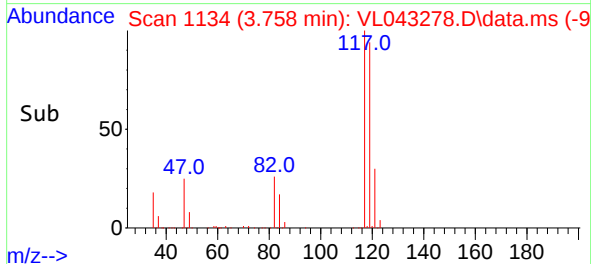
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



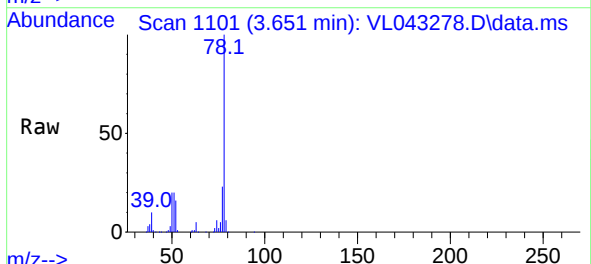
Tgt Ion: 117 Resp: 251772
Ion Ratio Lower Upper
117 100
119 94.5 74.6 112.0
121 30.3 23.2 34.8

Manual Integrations
APPROVED

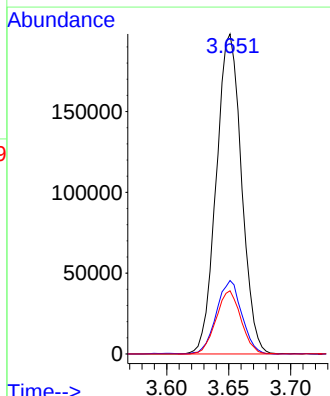
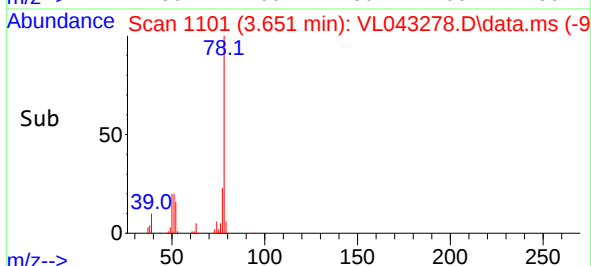
Reviewed By :Semsettin Yesilyurt 11/25/2025
Supervised By :Mahesh Dadoda 11/25/2025

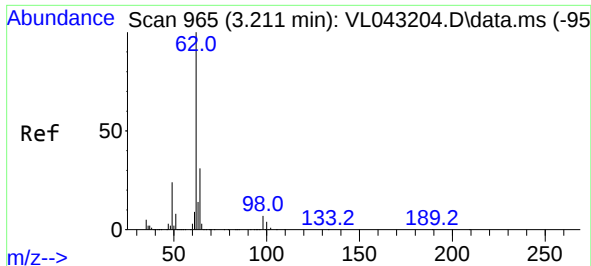


#36
Benzene
Concen: 10.634 ppbv
RT: 3.651 min Scan# 1101
Delta R.T. 0.003 min
Lab File: VL043278.D
Acq: 24 Nov 2025 12:27



Tgt Ion: 78 Resp: 281056
Ion Ratio Lower Upper
78 100
77 23.0 17.5 26.3
50 19.8 15.5 23.3





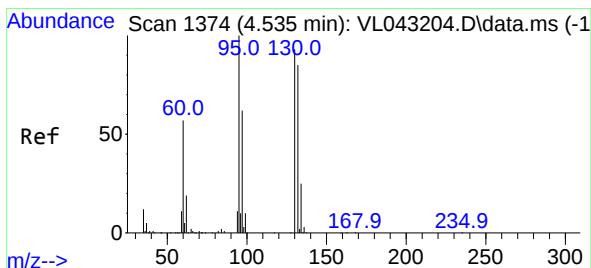
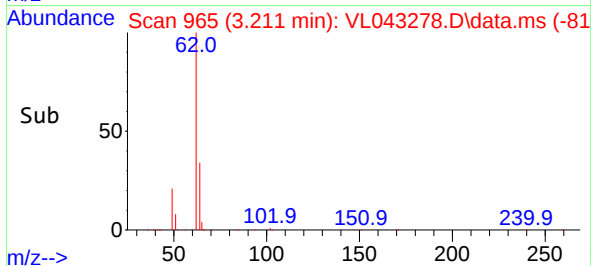
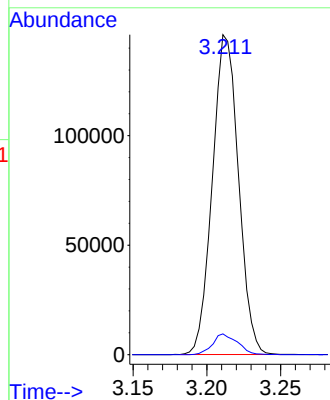
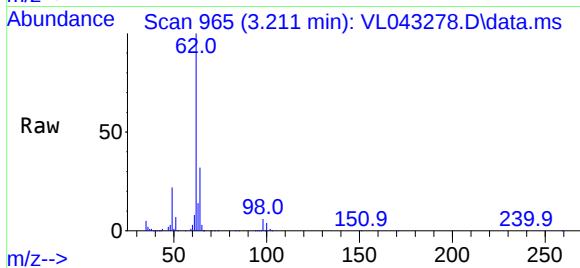
#37
1,2-Dichloroethane
Concen: 11.639 ppbv
RT: 3.211 min Scan# 90
Delta R.T. -0.000 min
Lab File: VL043278.D
Acq: 24 Nov 2025 12:27

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 62 Resp: 17993
Ion Ratio Lower Upper
62 100
98 6.2 5.5 8.3

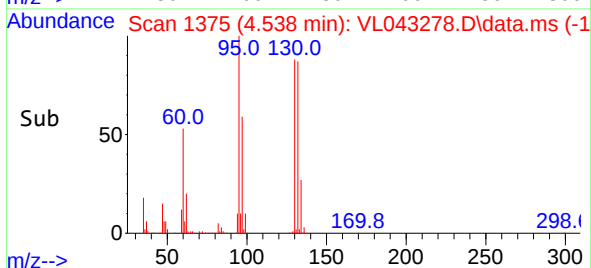
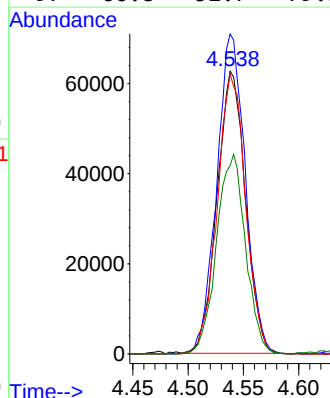
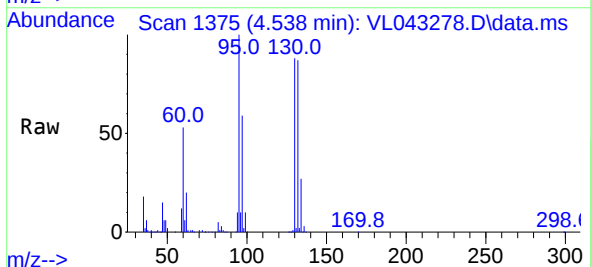
Manual Integrations
APPROVED

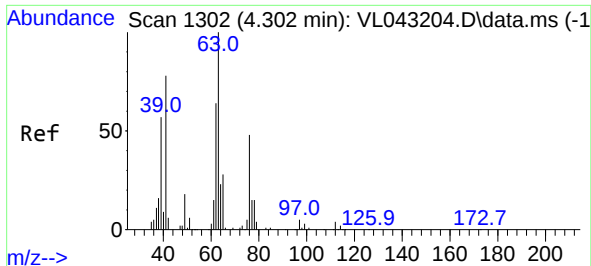
Reviewed By :Semsettin Yesilyurt 11/25/2025
Supervised By :Mahesh Dadoda 11/25/2025



#38
Trichloroethene
Concen: 10.832 ppbv
RT: 4.538 min Scan# 1375
Delta R.T. 0.003 min
Lab File: VL043278.D
Acq: 24 Nov 2025 12:27

Tgt Ion:130 Resp: 112004
Ion Ratio Lower Upper
130 100
95 113.2 85.7 128.5
132 99.1 73.4 110.0
97 66.8 52.7 79.1





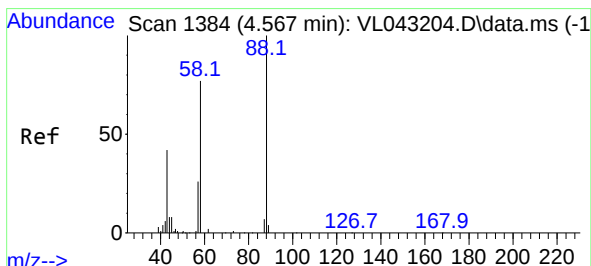
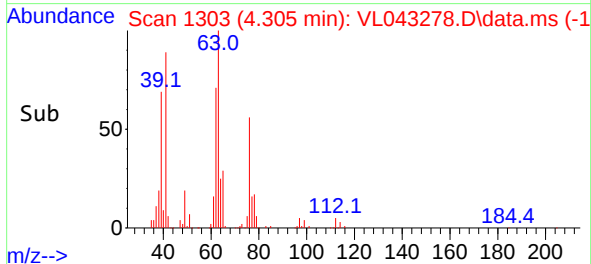
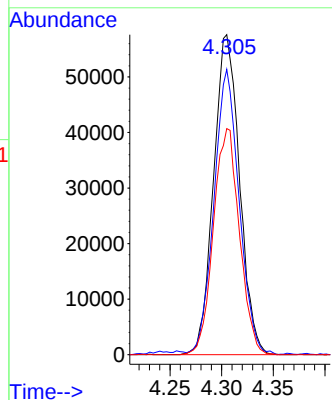
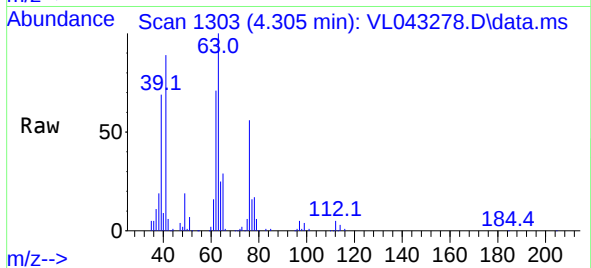
#39
1,2-Dichloropropane
Concen: 10.423 ppbv
RT: 4.305 min Scan# 1302
Delta R.T. 0.003 min
Lab File: VL043278.D
Acq: 24 Nov 2025 12:27

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 63 Resp: 100819
Ion Ratio Lower Upper
63 100
41 89.0 62.6 93.8
62 70.7 51.0 76.6

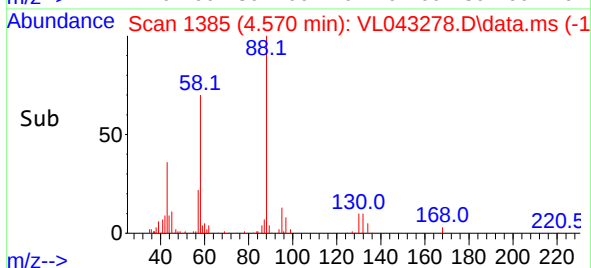
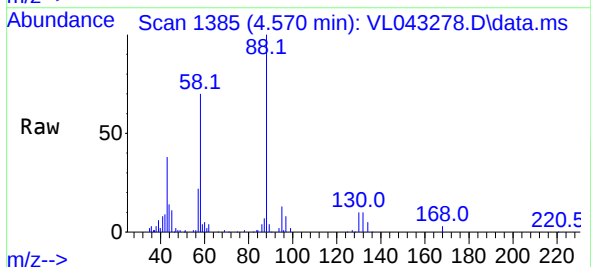
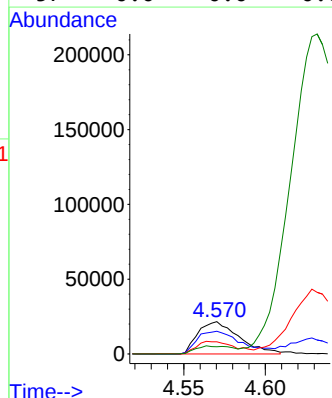
Manual Integrations
APPROVED

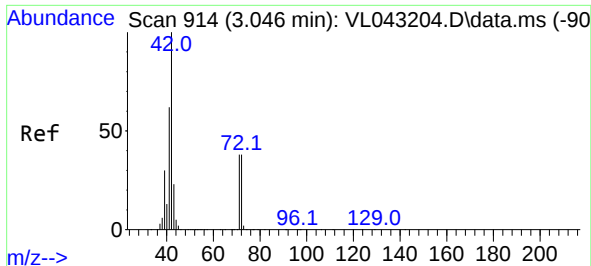
Reviewed By :Semsettin Yesilyurt 11/25/2025
Supervised By :Mahesh Dadoda 11/25/2025



#40
1,4-Dioxane
Concen: 8.722 ppbv
RT: 4.570 min Scan# 1385
Delta R.T. 0.003 min
Lab File: VL043278.D
Acq: 24 Nov 2025 12:27

Tgt Ion: 88 Resp: 37926
Ion Ratio Lower Upper
88 100
58 76.7 63.0 94.6
43 38.2 32.5 48.7
57 0.0 0.0 0.0





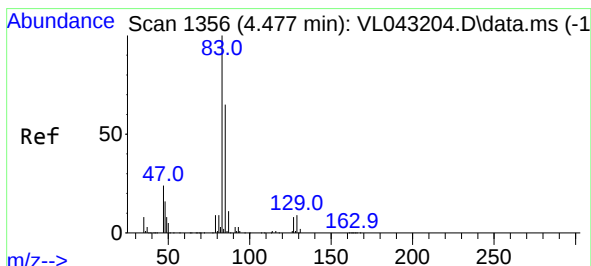
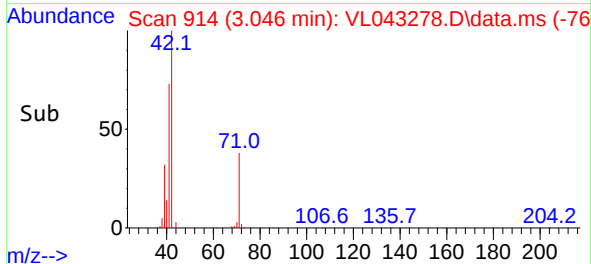
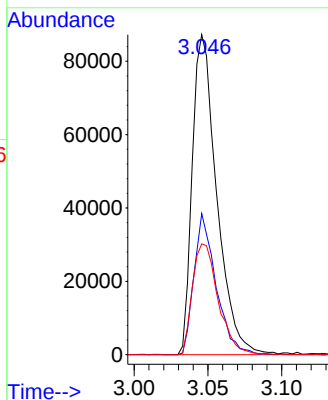
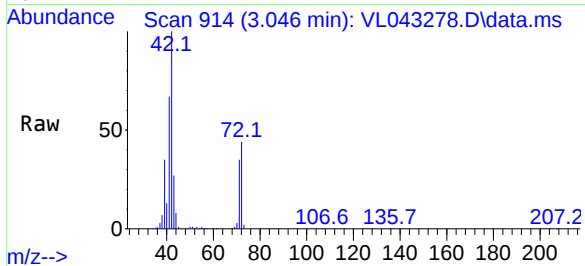
#41
Tetrahydrofuran
Concen: 9.370 ppbv
RT: 3.046 min Scan# 914
Delta R.T. -0.000 min
Lab File: VL043278.D
Acq: 24 Nov 2025 12:27

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 42 Resp: 100800
Ion Ratio Lower Upper
42 100
72 39.9 30.6 46.0
71 36.4 30.5 45.7

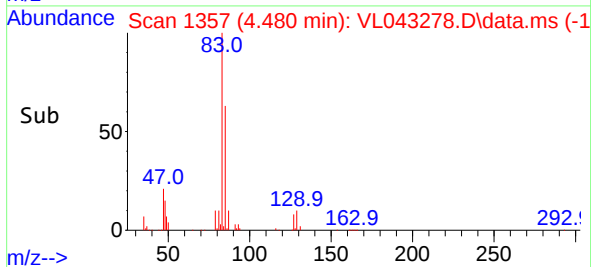
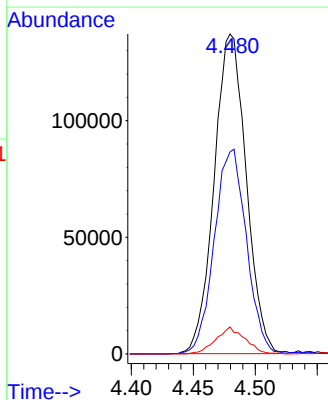
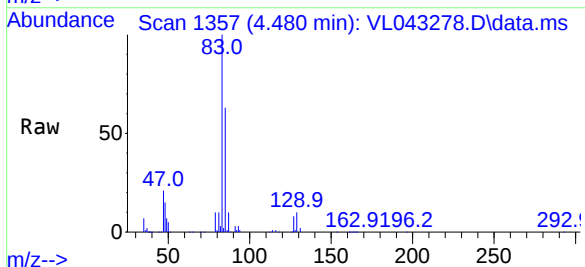
Manual Integrations
APPROVED

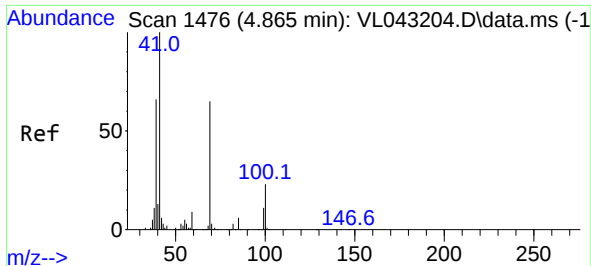
Reviewed By :Semsettin Yesilyurt 11/25/2025
Supervised By :Mahesh Dadoda 11/25/2025



#42
Bromodichloromethane
Concen: 11.593 ppbv
RT: 4.480 min Scan# 1357
Delta R.T. 0.003 min
Lab File: VL043278.D
Acq: 24 Nov 2025 12:27

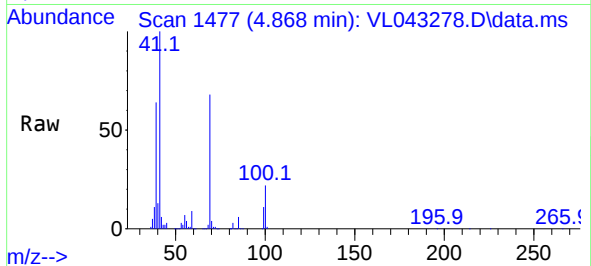
Tgt Ion: 83 Resp: 247223
Ion Ratio Lower Upper
83 100
85 63.1 51.7 77.5
127 8.4 6.3 9.5





#43
Methyl Methacrylate
Concen: 9.538 ppbv
RT: 4.868 min Scan# 1476
Delta R.T. 0.003 min
Lab File: VL043278.D
Acq: 24 Nov 2025 12:27

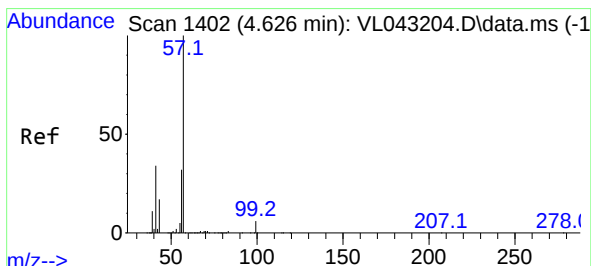
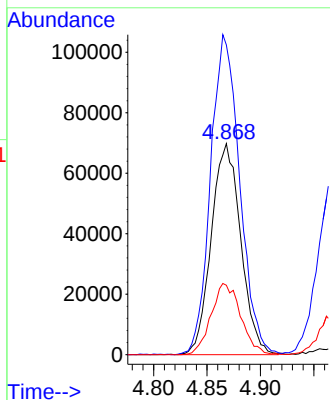
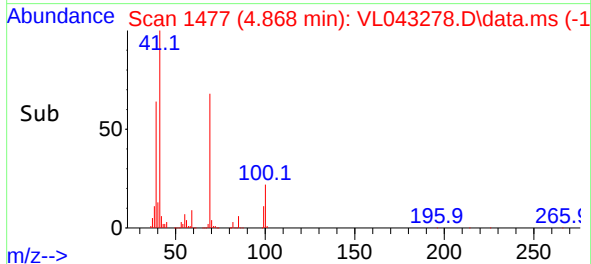
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



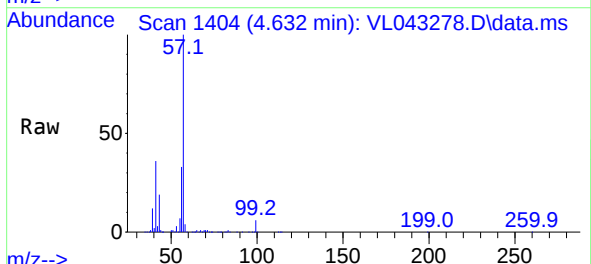
Tgt Ion: 69 Resp: 13380
Ion Ratio Lower Upper
69 100
41 150.4 126.7 190.1
100 34.0 28.6 43.0

Manual Integrations
APPROVED

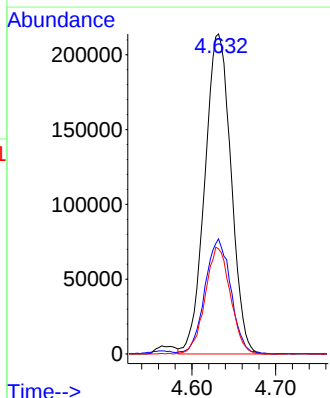
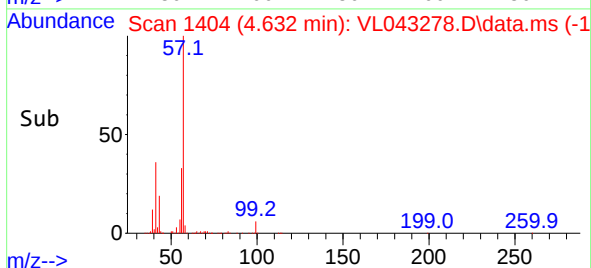
Reviewed By :Semsettin Yesilyurt 11/25/2025
Supervised By :Mahesh Dadoda 11/25/2025

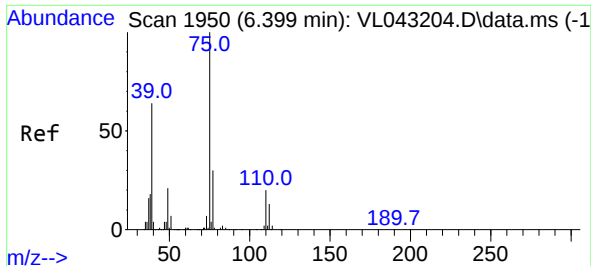


#44
2,2,4-Trimethylpentane
Concen: 10.248 ppbv
RT: 4.632 min Scan# 1404
Delta R.T. 0.006 min
Lab File: VL043278.D
Acq: 24 Nov 2025 12:27



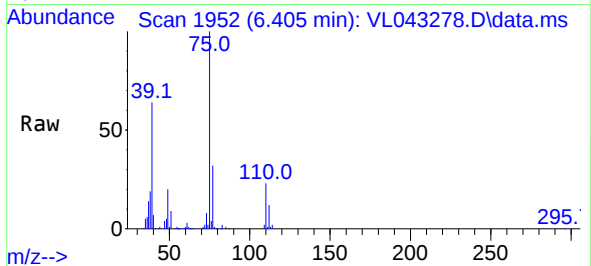
Tgt Ion: 57 Resp: 465164
Ion Ratio Lower Upper
57 100
41 36.6 28.0 42.0
56 32.1 25.6 38.4





#45
t-1,3-Dichloropropene
Concen: 7.989 ppbv
RT: 6.405 min Scan# 1950
Delta R.T. 0.006 min
Lab File: VL043278.D
Acq: 24 Nov 2025 12:27

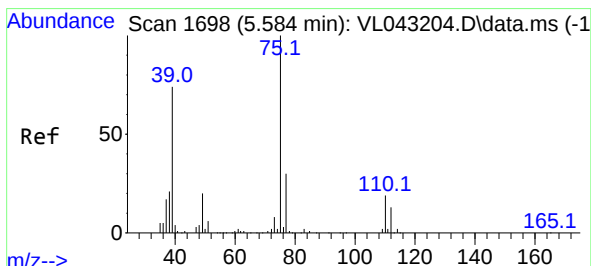
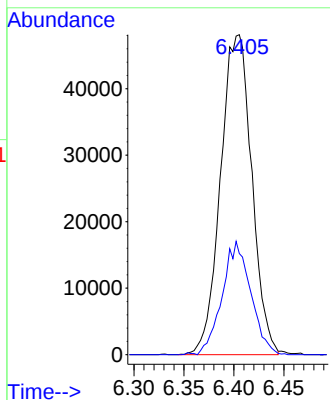
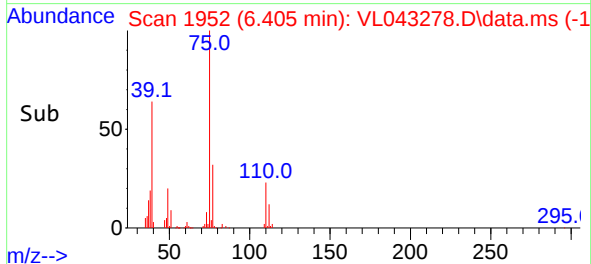
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



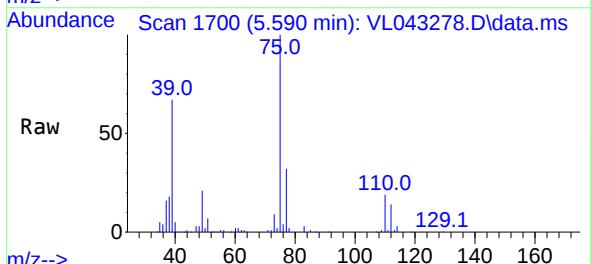
Tgt Ion: 75 Resp: 10447
Ion Ratio Lower Upper
75 100
77 31.6 24.3 36.5

Manual Integrations
APPROVED

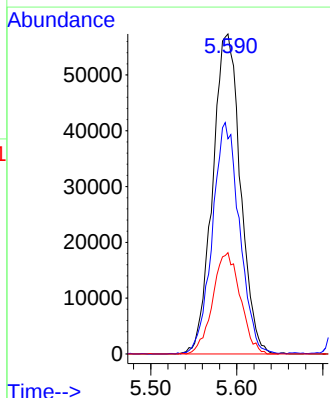
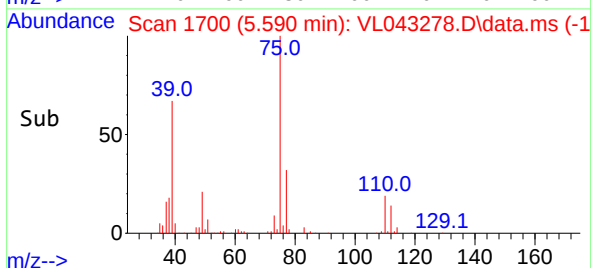
Reviewed By :Semsettin Yesilyurt 11/25/2025
Supervised By :Mahesh Dadoda 11/25/2025

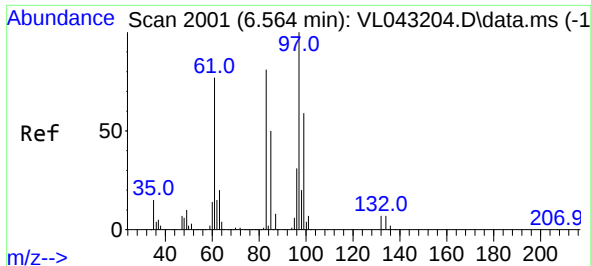


#46
cis-1,3-Dichloropropene
Concen: 8.383 ppbv
RT: 5.590 min Scan# 1700
Delta R.T. 0.006 min
Lab File: VL043278.D
Acq: 24 Nov 2025 12:27



Tgt Ion: 75 Resp: 128727
Ion Ratio Lower Upper
75 100
39 67.0 59.1 88.7
77 31.7 24.2 36.2





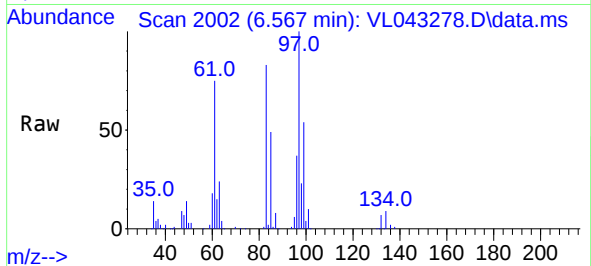
#47
1,1,2-Trichloroethane
Concen: 11.001 ppbv
RT: 6.567 min Scan# 2001
Delta R.T. 0.003 min
Lab File: VL043278.D
Acq: 24 Nov 2025 12:27

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

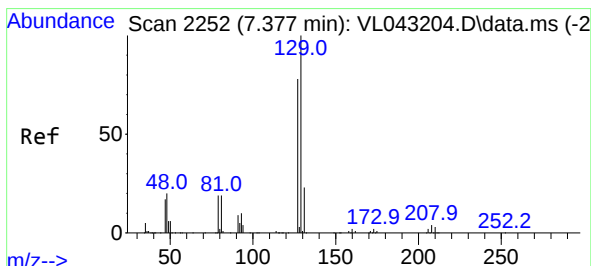
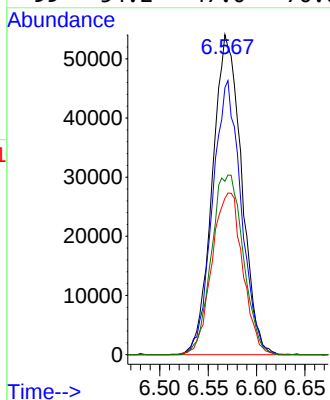
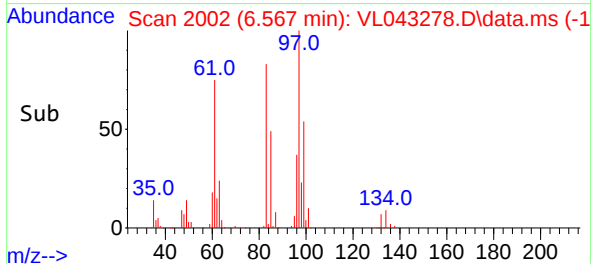


Tgt Ion: 97 Resp: 112927
Ion Ratio Lower Upper
97 100
83 83.5 64.6 97.0
85 48.7 39.4 59.2
99 54.2 47.0 70.6

Manual Integrations

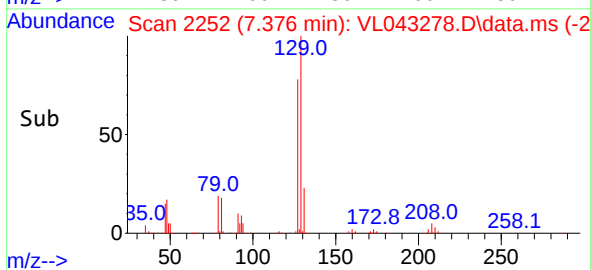
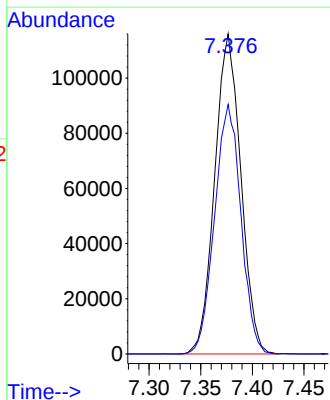
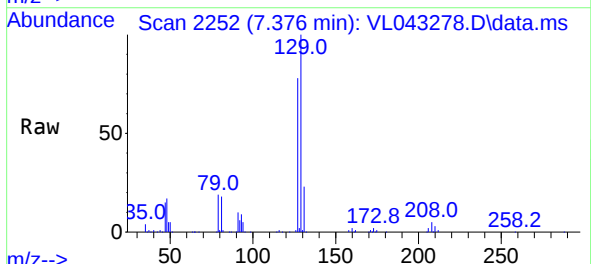
APPROVED

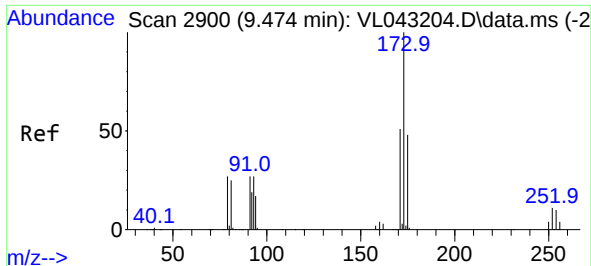
Reviewed By :Semsettin Yesilyurt 11/25/2025
Supervised By :Mahesh Dadoda 11/25/2025



#48
Dibromochloromethane
Concen: 11.578 ppbv
RT: 7.376 min Scan# 2252
Delta R.T. -0.000 min
Lab File: VL043278.D
Acq: 24 Nov 2025 12:27

Tgt Ion:129 Resp: 204344
Ion Ratio Lower Upper
129 100
127 78.5 39.3 117.9





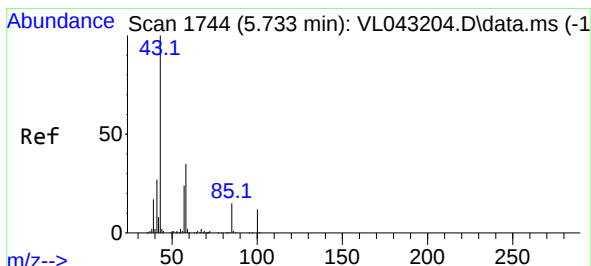
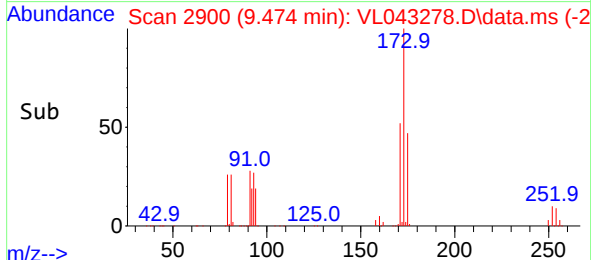
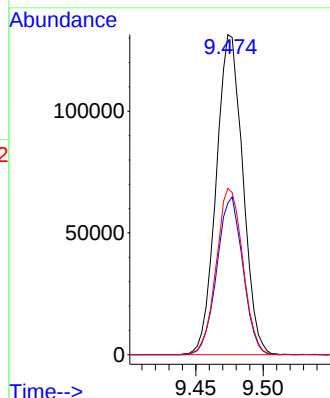
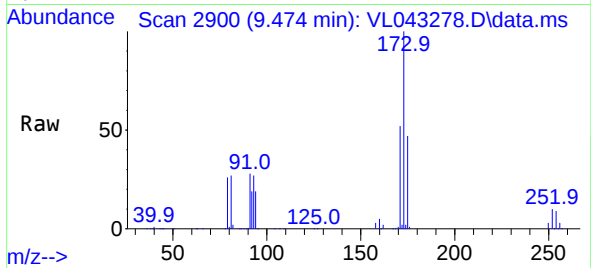
#49
Bromoform
Concen: 11.557 ppbv
RT: 9.474 min Scan# 2900
Delta R.T. -0.000 min
Lab File: VL043278.D
Acq: 24 Nov 2025 12:27

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:173 Resp: 180678
Ion Ratio Lower Upper
173 100
175 48.1 38.6 58.0
171 51.8 40.6 61.0

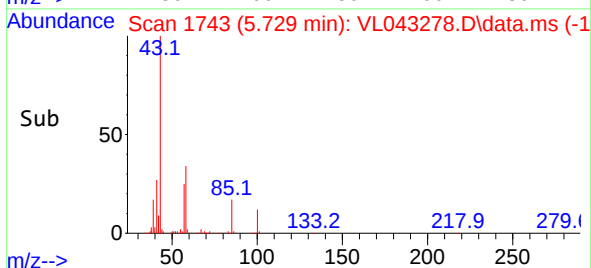
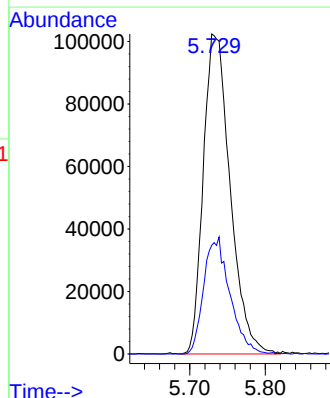
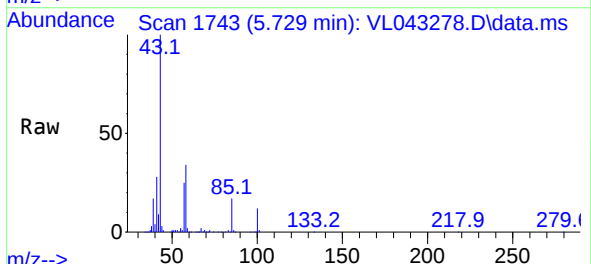
Manual Integrations
APPROVED

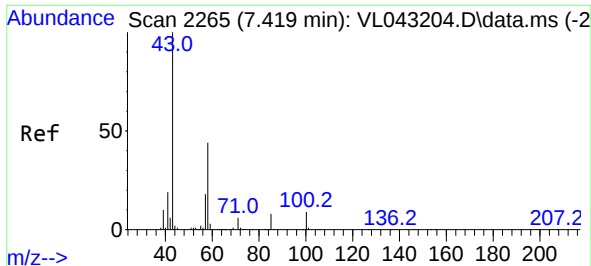
Reviewed By :Semsettin Yesilyurt 11/25/2025
Supervised By :Mahesh Dadoda 11/25/2025



#50
4-Methyl-2-Pentanone
Concen: 9.209 ppbv
RT: 5.729 min Scan# 1743
Delta R.T. -0.004 min
Lab File: VL043278.D
Acq: 24 Nov 2025 12:27

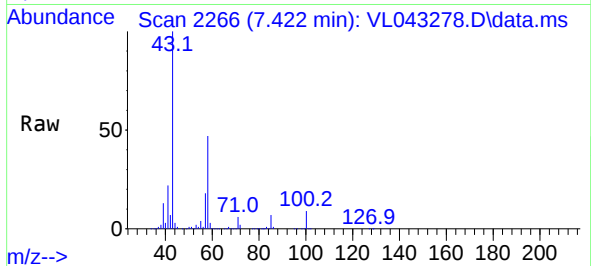
Tgt Ion: 43 Resp: 252700
Ion Ratio Lower Upper
43 100
58 35.4 28.4 42.6





#51
2-Hexanone
Concen: 8.608 ppbv
RT: 7.422 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL043278.D
Acq: 24 Nov 2025 12:27

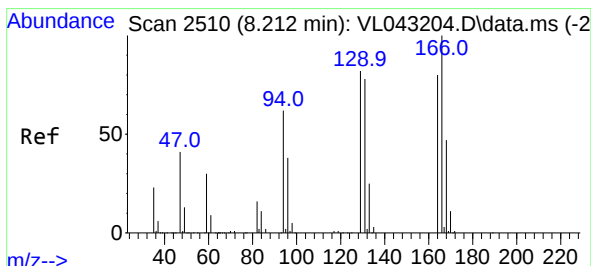
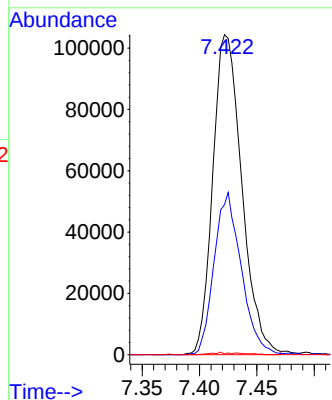
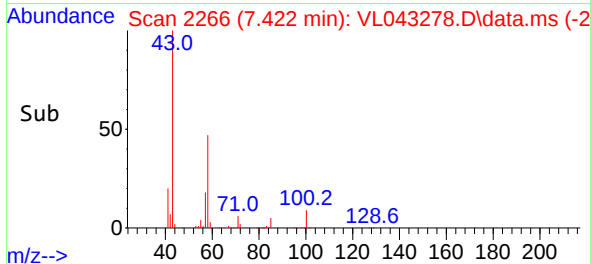
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



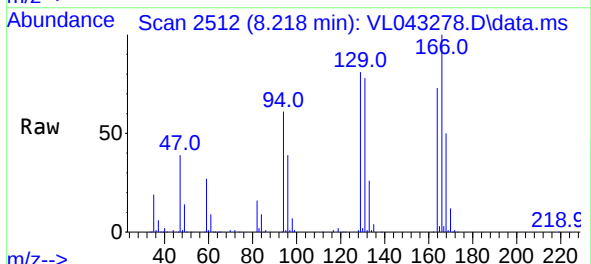
Tgt Ion: 43 Resp: 183438
Ion Ratio Lower Upper
43 100
58 47.6 38.4 57.6
98 0.7 0.0 0.0

Manual Integrations
APPROVED

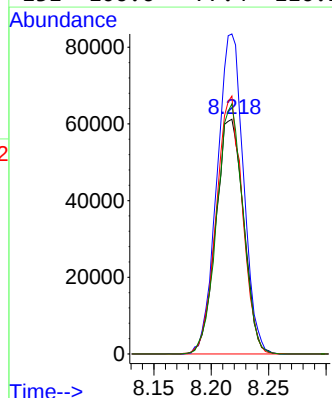
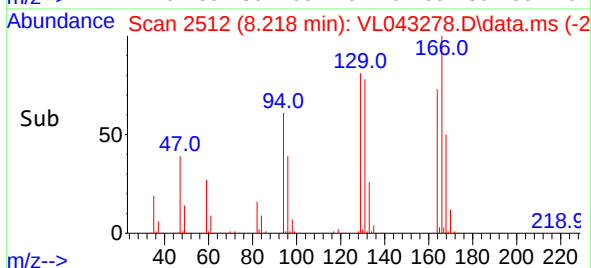
Reviewed By :Semsettin Yesilyurt 11/25/2025
Supervised By :Mahesh Dadoda 11/25/2025

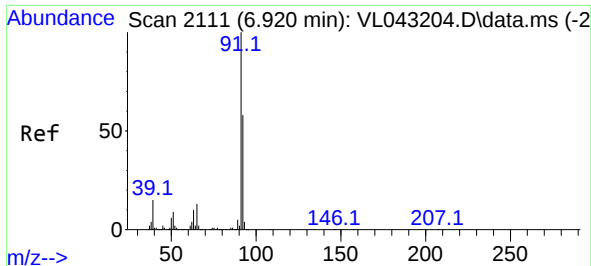


#52
Tetrachloroethene
Concen: 10.460 ppbv
RT: 8.218 min Scan# 2512
Delta R.T. 0.006 min
Lab File: VL043278.D
Acq: 24 Nov 2025 12:27



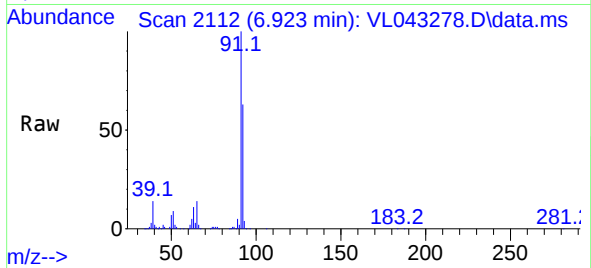
Tgt Ion:164 Resp: 102830
Ion Ratio Lower Upper
164 100
166 136.4 99.4 149.2
129 109.9 81.8 122.8
131 106.6 77.4 116.2





#53
Toluene
Concen: 9.979 ppbv
RT: 6.923 min Scan# 2111
Delta R.T. 0.003 min
Lab File: VL043278.D
Acq: 24 Nov 2025 12:27

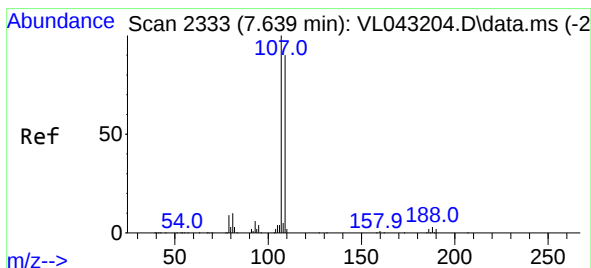
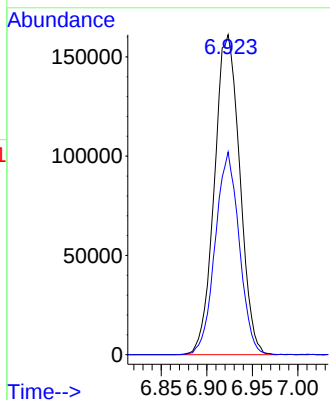
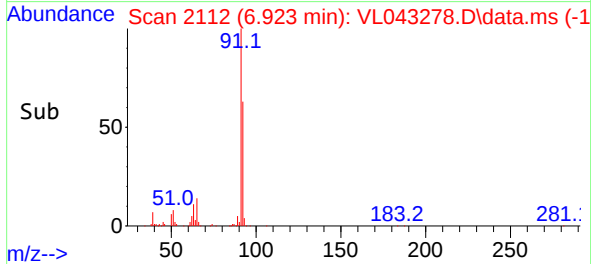
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



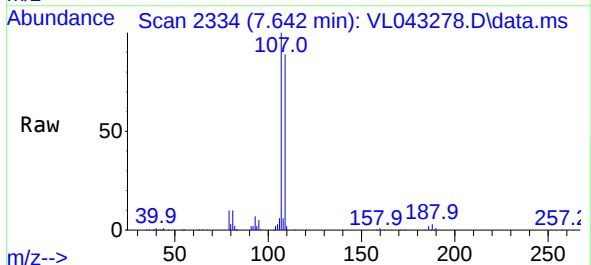
Tgt Ion: 91 Resp: 31229
Ion Ratio Lower Upper
91 100
92 60.1 47.4 71.0

Manual Integrations
APPROVED

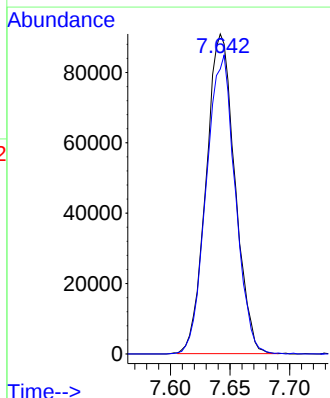
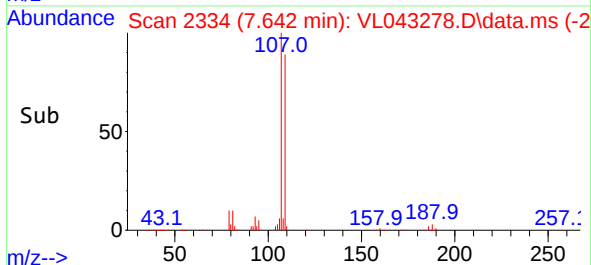
Reviewed By :Semsettin Yesilyurt 11/25/2025
Supervised By :Mahesh Dadoda 11/25/2025

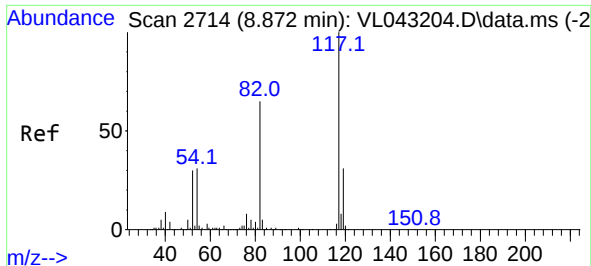


#54
1,2-Dibromoethane
Concen: 10.090 ppbv
RT: 7.642 min Scan# 2334
Delta R.T. 0.003 min
Lab File: VL043278.D
Acq: 24 Nov 2025 12:27



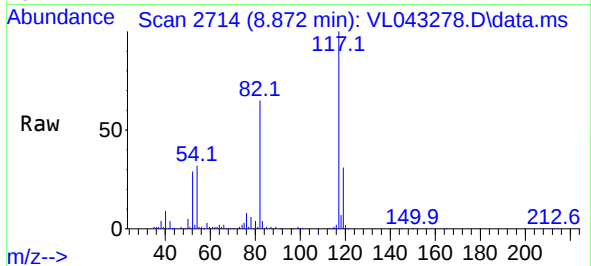
Tgt Ion:107 Resp: 152418
Ion Ratio Lower Upper
107 100
109 88.9 72.1 108.1





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.872 min Scan# 21508
Delta R.T. -0.000 min
Lab File: VL043278.D
Acq: 24 Nov 2025 12:27

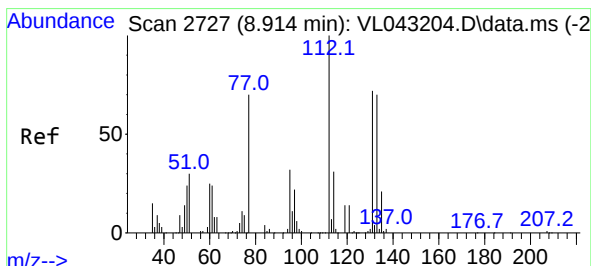
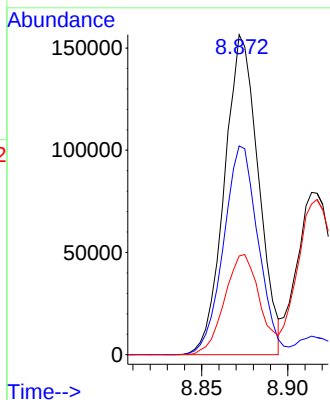
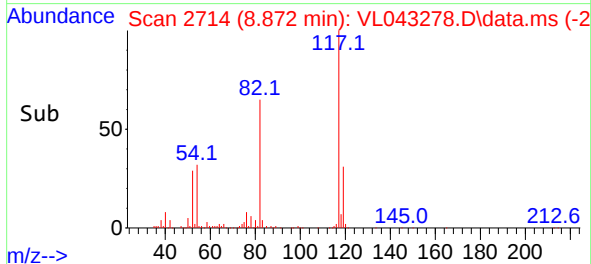
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



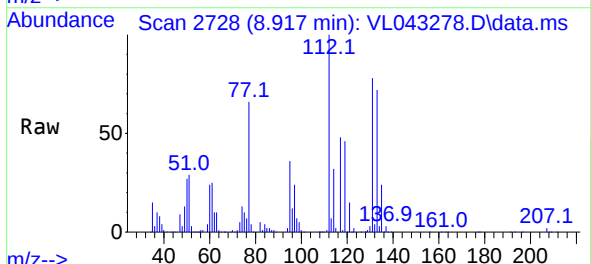
Tgt Ion:117 Resp: 21508
Ion Ratio Lower Upper
117 100
82 67.1 56.1 84.1
119 32.7 25.0 37.6

Manual Integrations
APPROVED

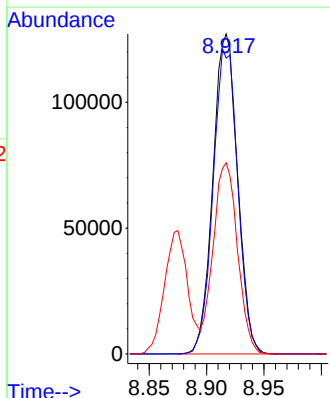
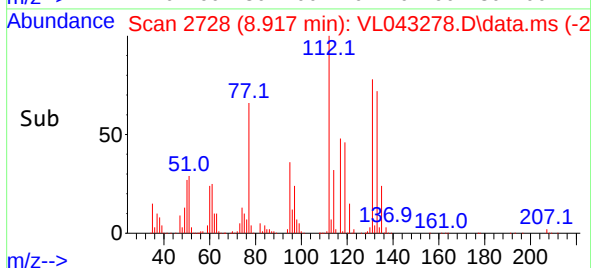
Reviewed By :Semsettin Yesilyurt 11/25/2025
Supervised By :Mahesh Dadoda 11/25/2025

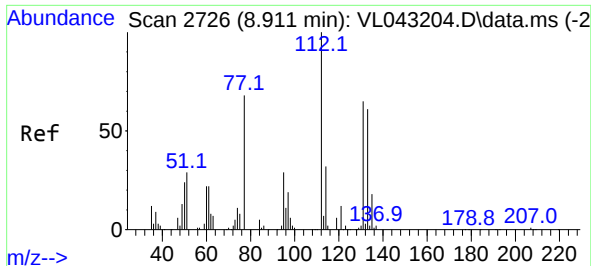


#56
1,1,1,2-Tetrachloroethane
Concen: 12.003 ppbv
RT: 8.917 min Scan# 2728
Delta R.T. 0.003 min
Lab File: VL043278.D
Acq: 24 Nov 2025 12:27



Tgt Ion:131 Resp: 189737
Ion Ratio Lower Upper
131 100
133 95.9 77.4 116.2
119 60.0 49.1 73.7





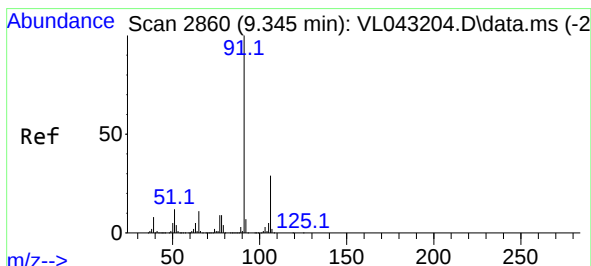
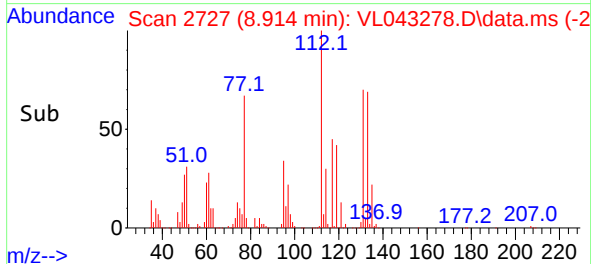
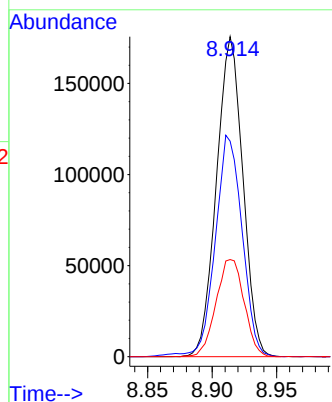
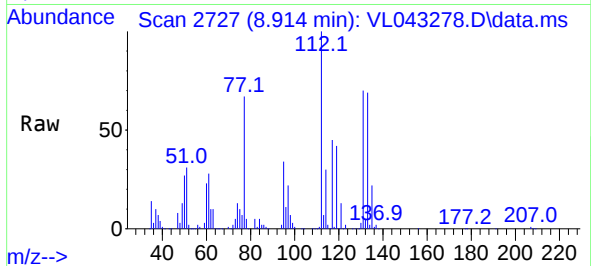
#57
Chlorobenzene
Concen: 11.300 ppbv
RT: 8.914 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL043278.D
Acq: 24 Nov 2025 12:27

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 112 Resp: 249540
Ion Ratio Lower Upper
112 100
77 67.3 55.5 83.3
114 30.3 29.1 35.5

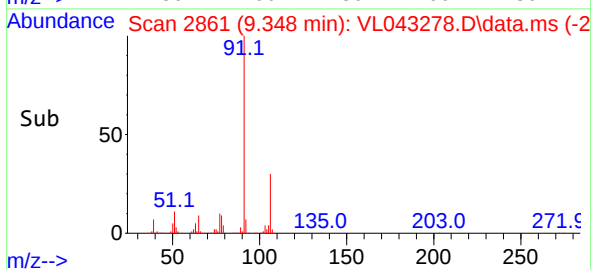
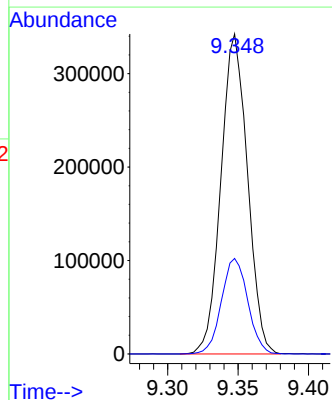
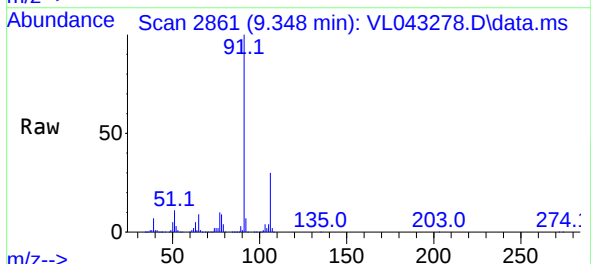
Manual Integrations
APPROVED

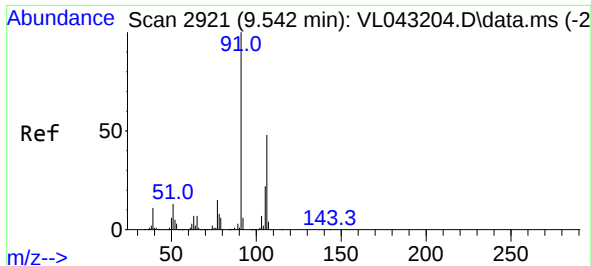
Reviewed By :Semsettin Yesilyurt 11/25/2025
Supervised By :Mahesh Dadoda 11/25/2025



#58
Ethyl Benzene
Concen: 10.843 ppbv
RT: 9.348 min Scan# 2861
Delta R.T. 0.003 min
Lab File: VL043278.D
Acq: 24 Nov 2025 12:27

Tgt Ion: 91 Resp: 448888
Ion Ratio Lower Upper
91 100
106 29.8 22.8 34.2





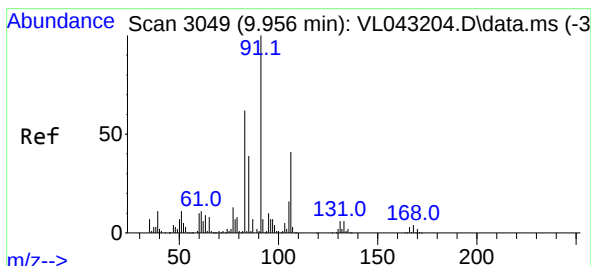
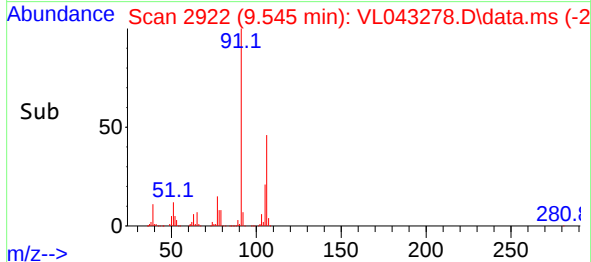
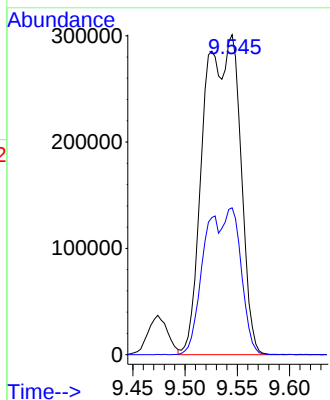
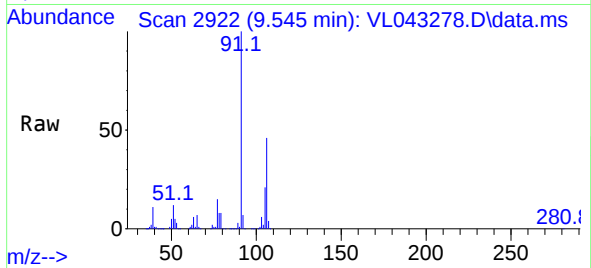
#59
m/p-Xylene
Concen: 22.175 ppbv m
RT: 9.545 min Scan# 2921
Delta R.T. 0.003 min
Lab File: VL043278.D
Acq: 24 Nov 2025 12:27

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 73599
Ion Ratio Lower Upper
91 100
106 45.4 36.1 54.1

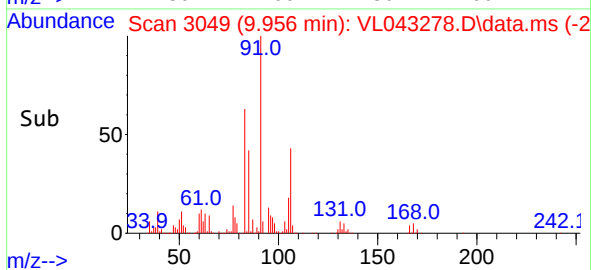
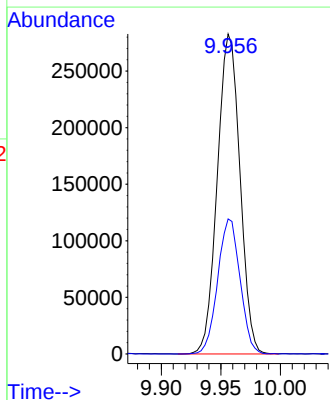
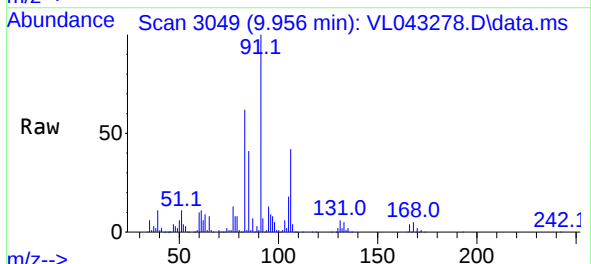
Manual Integrations
APPROVED

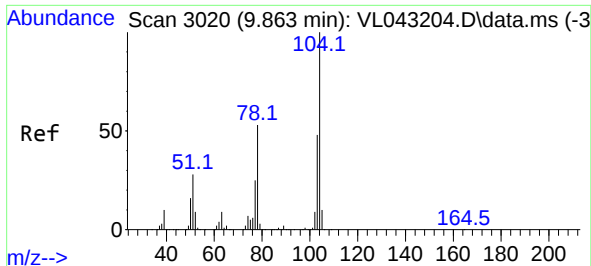
Reviewed By :Semsettin Yesilyurt 11/25/2025
Supervised By :Mahesh Dadoda 11/25/2025



#60
o-Xylene
Concen: 11.257 ppbv
RT: 9.956 min Scan# 3049
Delta R.T. -0.000 min
Lab File: VL043278.D
Acq: 24 Nov 2025 12:27

Tgt Ion: 91 Resp: 373234
Ion Ratio Lower Upper
91 100
106 41.7 20.9 62.8





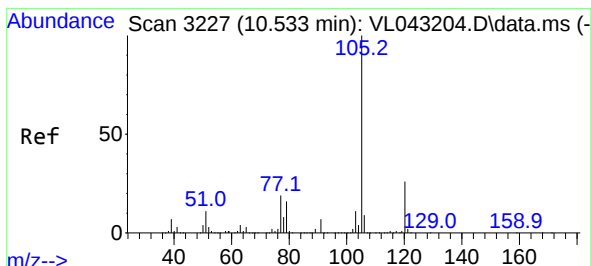
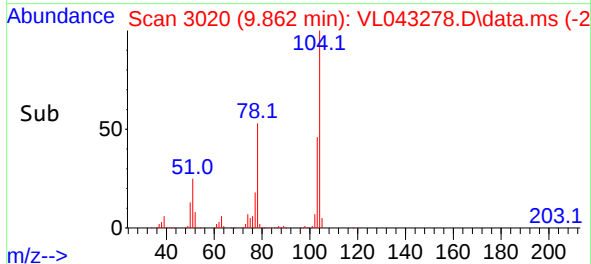
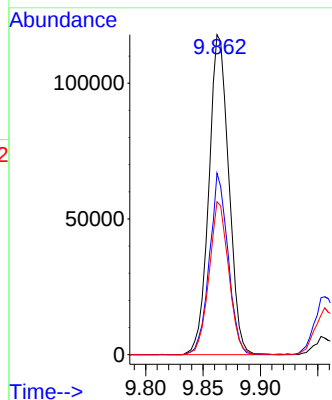
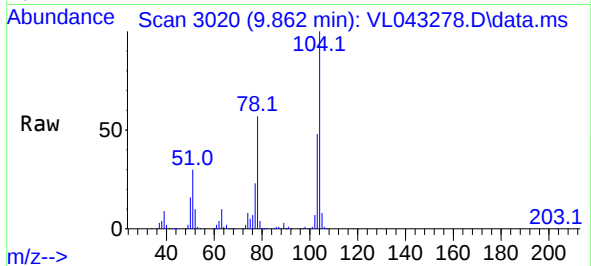
#61
Styrene
Concen: 9.812 ppbv
RT: 9.862 min Scan# 3020
Delta R.T. -0.000 min
Lab File: VL043278.D
Acq: 24 Nov 2025 12:27

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:104 Resp: 142379
Ion Ratio Lower Upper
104 100
78 53.1 42.1 63.1
103 47.0 37.2 55.8

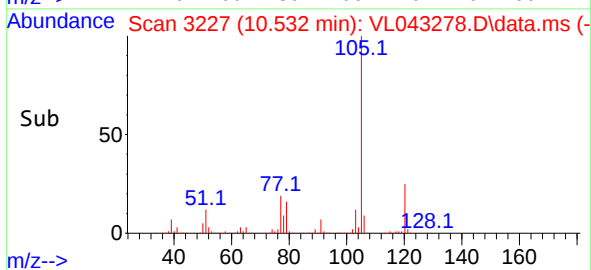
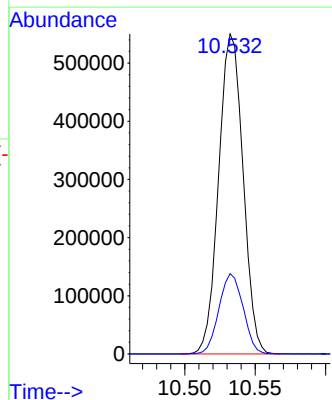
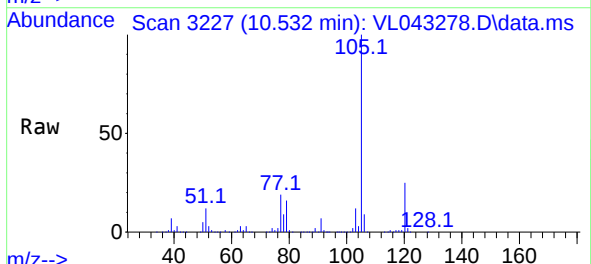
Manual Integrations
APPROVED

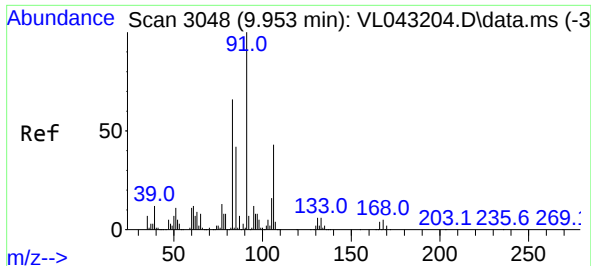
Reviewed By :Semsettin Yesilyurt 11/25/2025
Supervised By :Mahesh Dadoda 11/25/2025



#62
Isopropylbenzene
Concen: 11.180 ppbv
RT: 10.532 min Scan# 3227
Delta R.T. -0.000 min
Lab File: VL043278.D
Acq: 24 Nov 2025 12:27

Tgt Ion:105 Resp: 663175
Ion Ratio Lower Upper
105 100
120 24.8 19.8 29.8





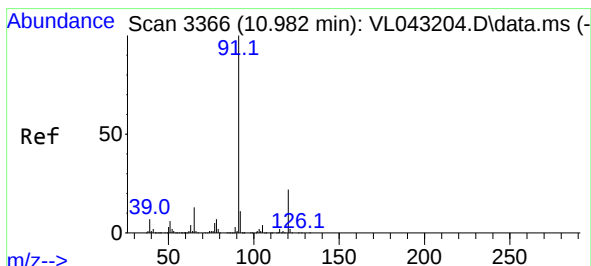
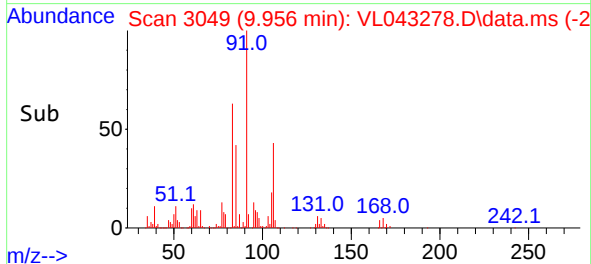
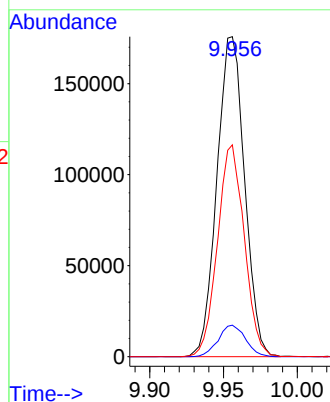
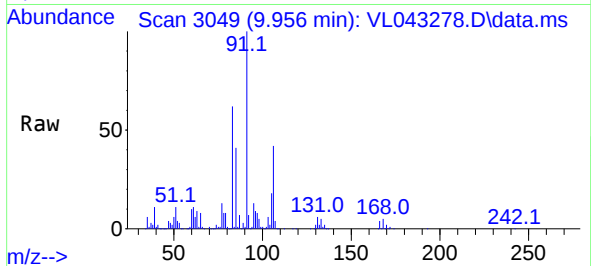
#63
1,1,2,2-Tetrachloroethane
Concen: 10.879 ppbv
RT: 9.956 min Scan# 3048
Delta R.T. 0.003 min
Lab File: VL043278.D
Acq: 24 Nov 2025 12:27

Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

Tgt Ion: 83 Resp: 22951
Ion Ratio Lower Upper
83 100
131 9.7 4.8 14.3
85 64.1 31.9 95.9

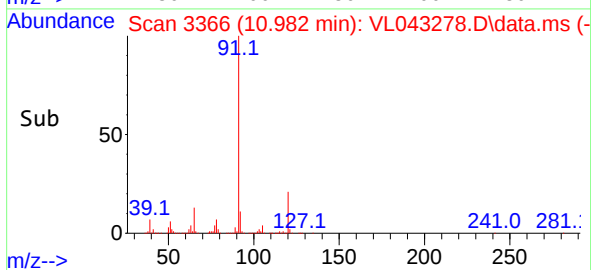
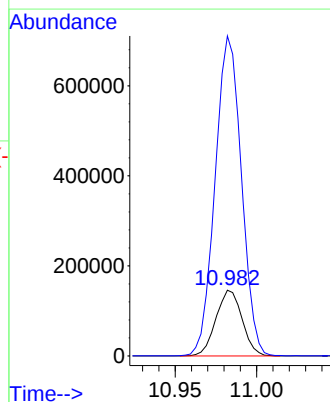
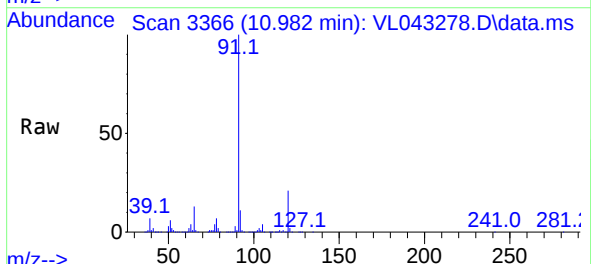
Manual Integrations
APPROVED

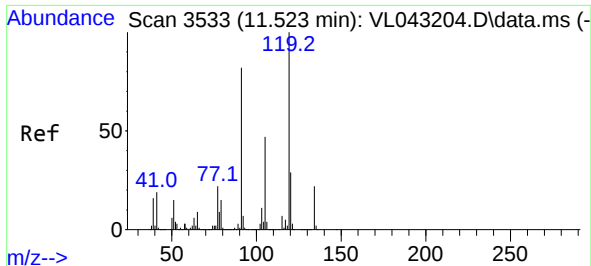
Reviewed By :Semsettin Yesilyurt 11/25/2025
Supervised By :Mahesh Dadoda 11/25/2025



#64
n-propylbenzene
Concen: 10.684 ppbv
RT: 10.982 min Scan# 3366
Delta R.T. -0.000 min
Lab File: VL043278.D
Acq: 24 Nov 2025 12:27

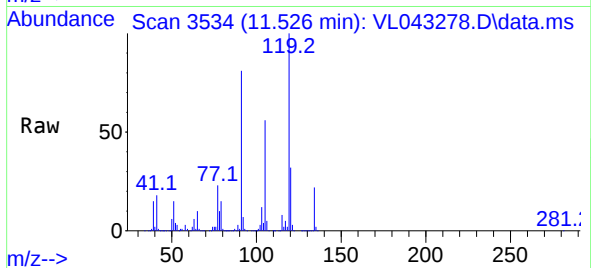
Tgt Ion:120 Resp: 162848
Ion Ratio Lower Upper
120 100
91 489.6 377.1 565.7





#65
tert-Butylbenzene
Concen: 10.867 ppbv
RT: 11.526 min Scan# 3533
Delta R.T. 0.003 min
Lab File: VL043278.D
Acq: 24 Nov 2025 12:27

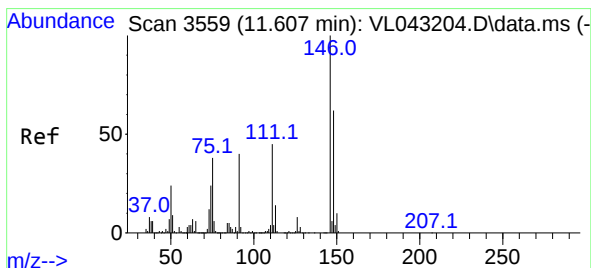
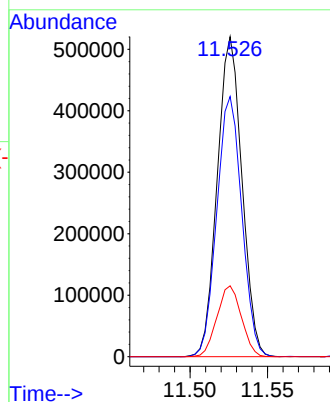
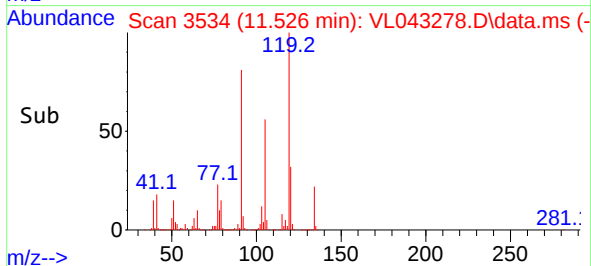
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



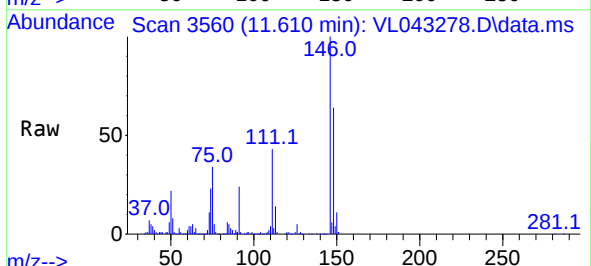
Tgt Ion: 119 Resp: 575690
Ion Ratio Lower Upper
119 100
91 82.5 65.3 97.9
134 21.9 17.0 25.4

Manual Integrations
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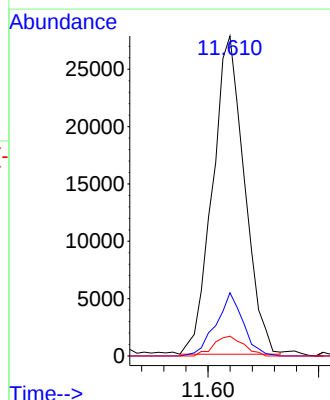
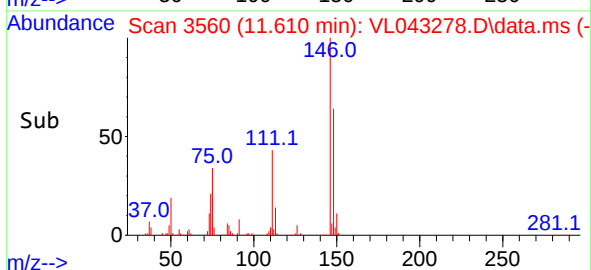
Reviewed By :Semsettin Yesilyurt 11/25/2025
Supervised By :Mahesh Dadoda 11/25/2025

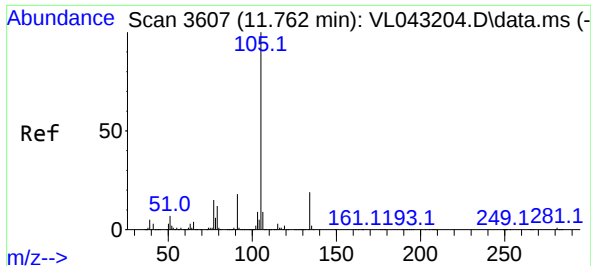


#66
Benzyl Chloride
Concen: 5.163 ppbv
RT: 11.610 min Scan# 3560
Delta R.T. 0.003 min
Lab File: VL043278.D
Acq: 24 Nov 2025 12:27



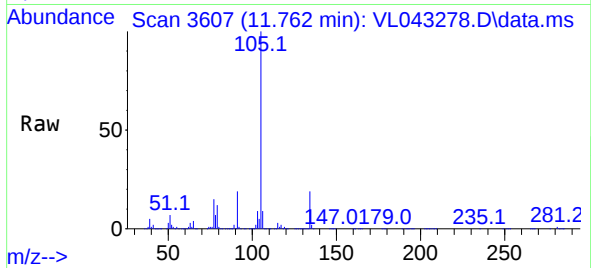
Tgt Ion: 91 Resp: 27757
Ion Ratio Lower Upper
91 100
126 16.9 14.4 21.6
128 5.9 4.6 6.8





#67
 sec-Butylbenzene
 Concen: 10.929 ppbv
 RT: 11.762 min Scan# 30
 Delta R.T. -0.000 min
 Lab File: VL043278.D
 Acq: 24 Nov 2025 12:27

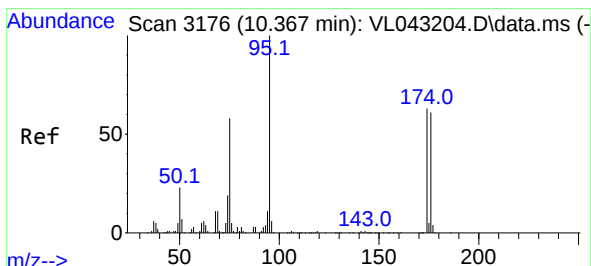
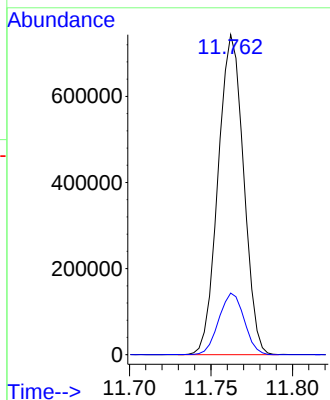
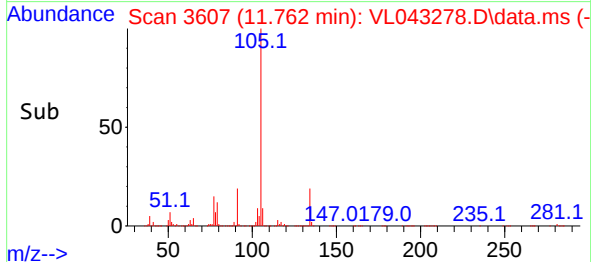
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



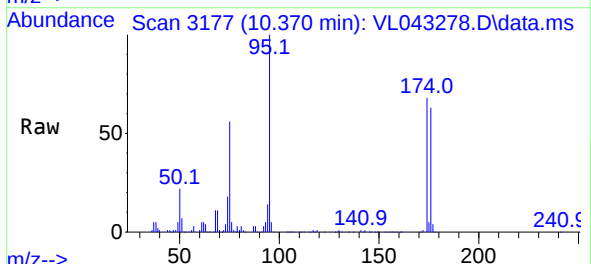
Tgt Ion:105 Resp: 808129
 Ion Ratio Lower Upper
 105 100
 134 19.2 15.0 22.6

Manual Integrations
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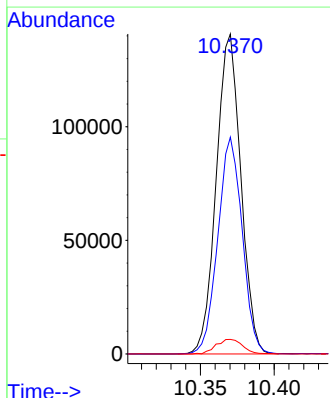
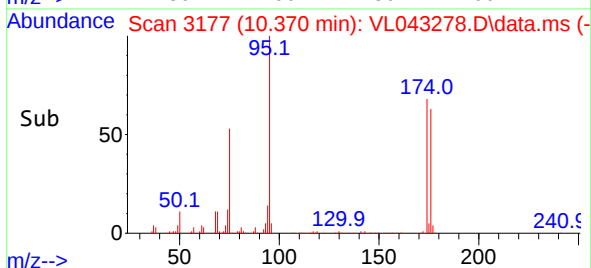
Reviewed By :Semsettin Yesilyurt 11/25/2025
 Supervised By :Mahesh Dadoda 11/25/2025

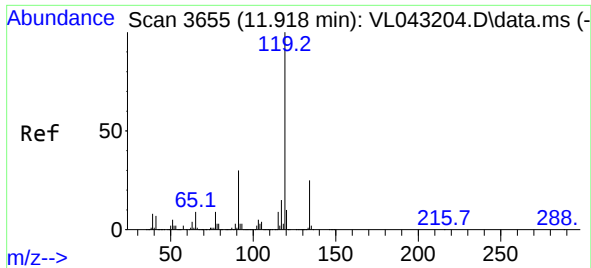


#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.367 ppbv
 RT: 10.370 min Scan# 3177
 Delta R.T. 0.003 min
 Lab File: VL043278.D
 Acq: 24 Nov 2025 12:27



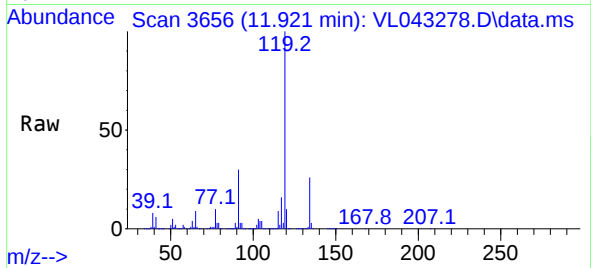
Tgt Ion: 95 Resp: 163444
 Ion Ratio Lower Upper
 95 100
 174 67.1 50.2 75.2
 175 5.0 4.1 6.1





#69
p-Isopropyltoluene
Concen: 10.623 ppbv
RT: 11.921 min Scan# 3656
Delta R.T. 0.003 min
Lab File: VL043278.D
Acq: 24 Nov 2025 12:27

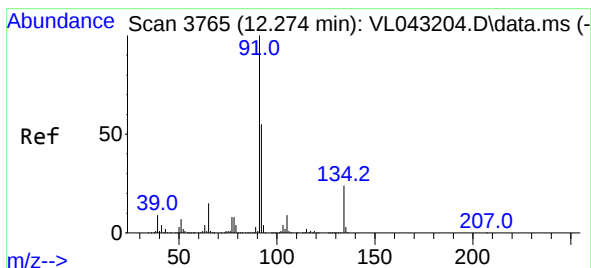
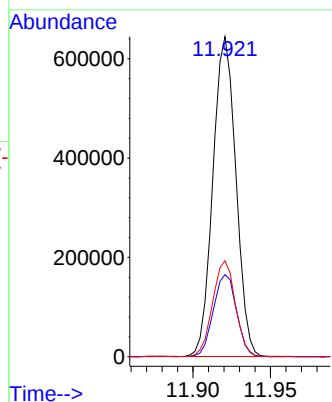
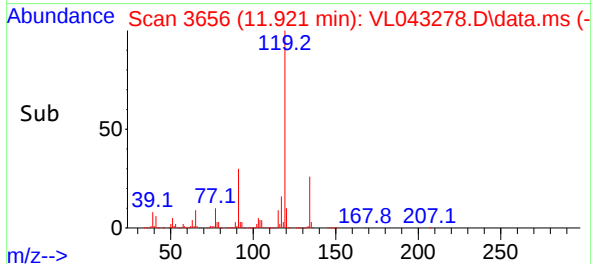
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



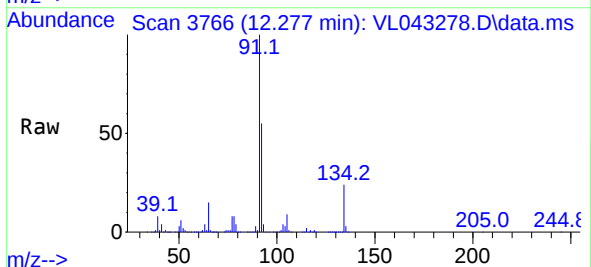
Tgt Ion:119 Resp: 66544
Ion Ratio Lower Upper
119 100
134 25.8 20.2 30.2
91 29.8 23.8 35.8

Manual Integrations
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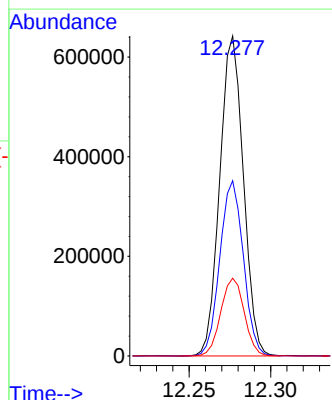
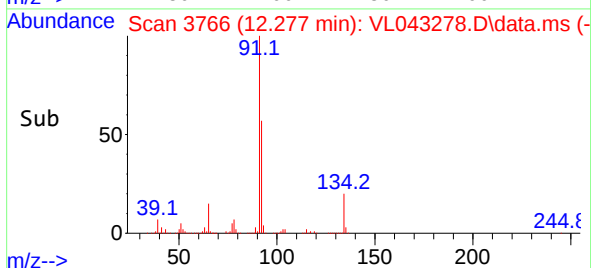
Reviewed By :Semsettin Yesilyurt 11/25/2025
Supervised By :Mahesh Dadoda 11/25/2025

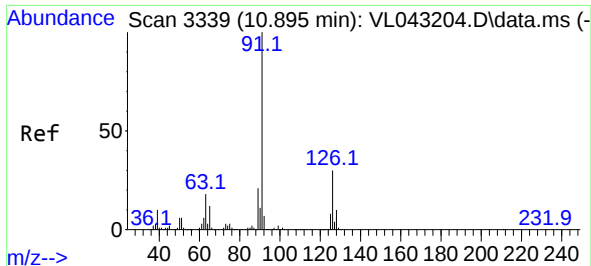


#70
n-Butylbenzene
Concen: 10.649 ppbv
RT: 12.277 min Scan# 3766
Delta R.T. 0.003 min
Lab File: VL043278.D
Acq: 24 Nov 2025 12:27



Tgt Ion: 91 Resp: 647136
Ion Ratio Lower Upper
91 100
92 54.6 43.5 65.3
134 24.1 19.0 28.6





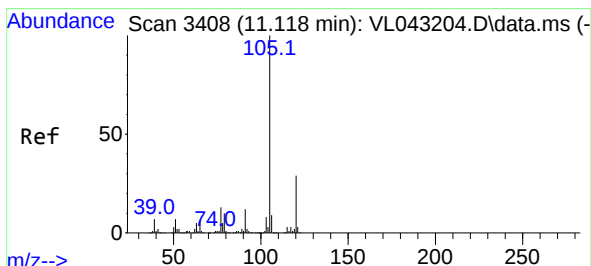
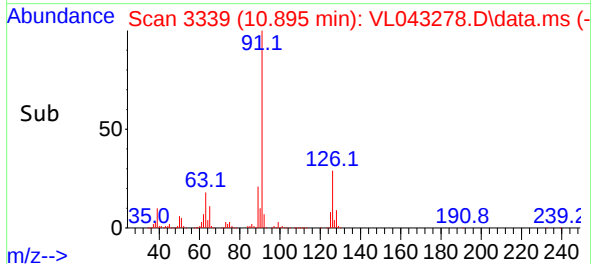
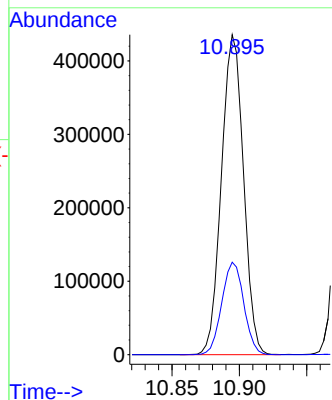
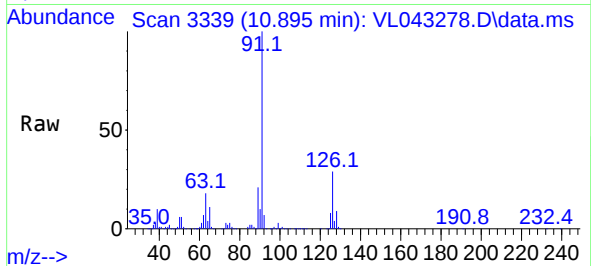
#71
2-Chlorotoluene
Concen: 10.867 ppbv
RT: 10.895 min Scan# 311
Delta R.T. -0.000 min
Lab File: VL043278.D
Acq: 24 Nov 2025 12:27

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 495463
Ion Ratio Lower Upper
91 100
126 28.9 11.7 46.7

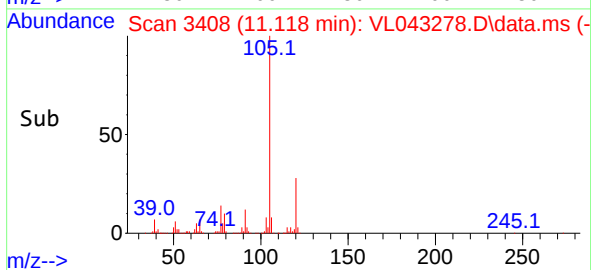
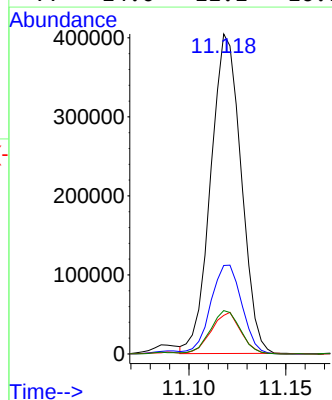
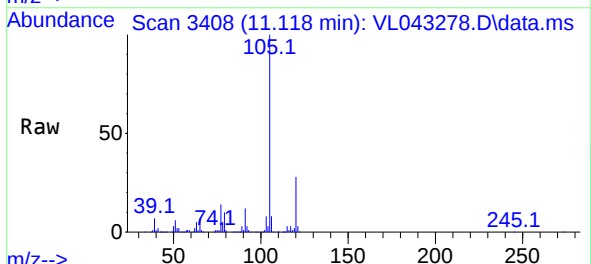
Manual Integrations
APPROVED

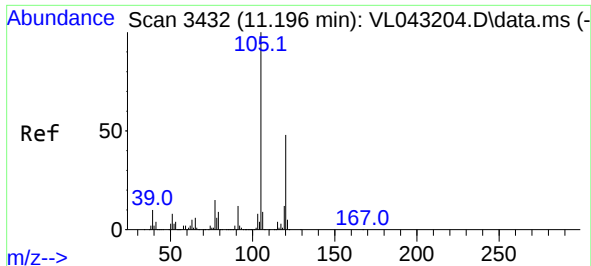
Reviewed By :Semsettin Yesilyurt 11/25/2025
Supervised By :Mahesh Dadoda 11/25/2025



#72
4-Ethyltoluene
Concen: 10.953 ppbv
RT: 11.118 min Scan# 3408
Delta R.T. -0.000 min
Lab File: VL043278.D
Acq: 24 Nov 2025 12:27

Tgt Ion:105 Resp: 442267
Ion Ratio Lower Upper
105 100
120 29.3 23.8 35.8
91 13.2 10.3 15.5
77 14.0 11.1 16.7





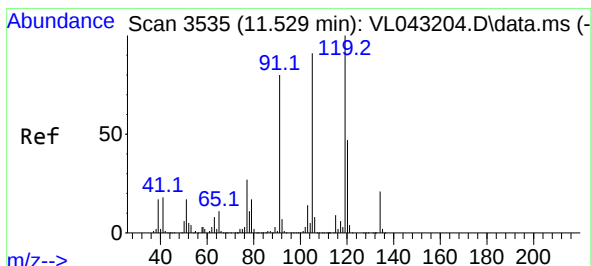
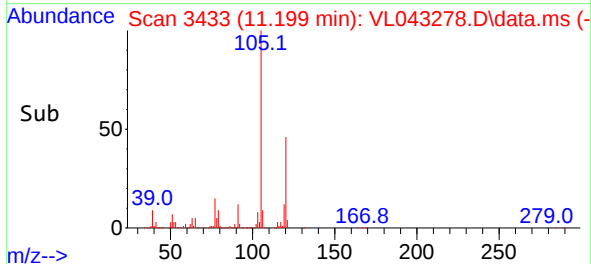
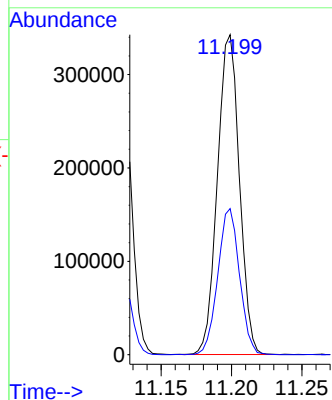
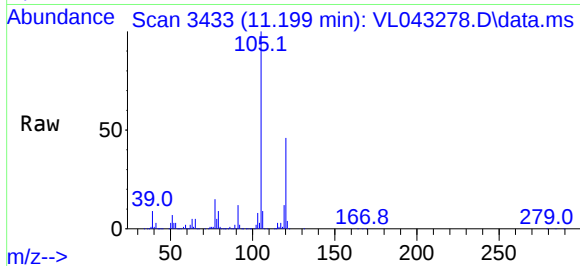
#73
1,3,5-Trimethylbenzene
Concen: 10.992 ppbv
RT: 11.199 min Scan# 3432
Delta R.T. 0.003 min
Lab File: VL043278.D
Acq: 24 Nov 2025 12:27

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:105 Resp: 37247
Ion Ratio Lower Upper
105 100
120 45.7 38.6 57.8

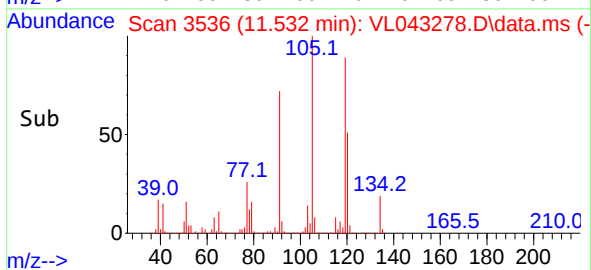
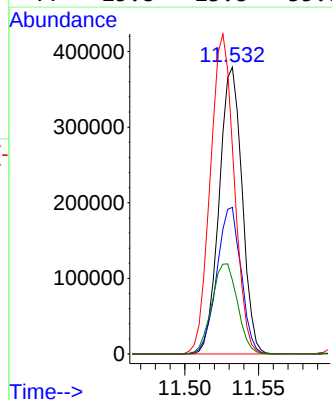
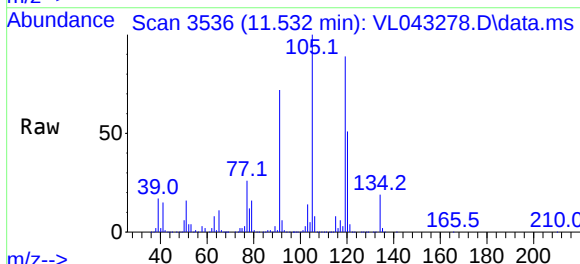
Manual Integrations
APPROVED

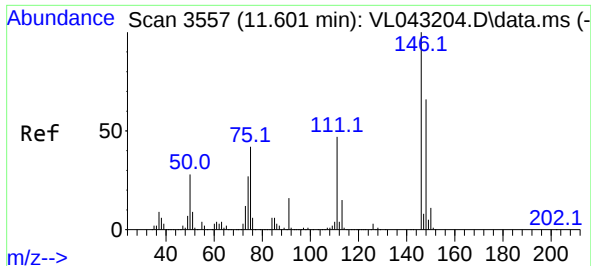
Reviewed By :Semsettin Yesilyurt 11/25/2025
Supervised By :Mahesh Dadoda 11/25/2025



#74
1,2,4-Trimethylbenzene
Concen: 11.079 ppbv
RT: 11.532 min Scan# 3536
Delta R.T. 0.003 min
Lab File: VL043278.D
Acq: 24 Nov 2025 12:27

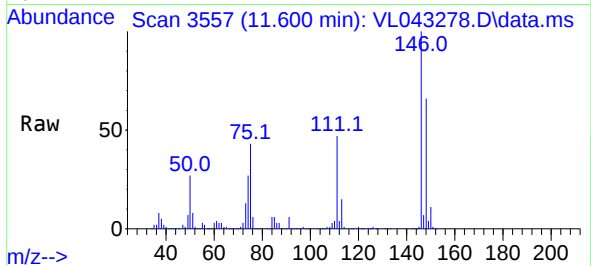
Tgt Ion:105 Resp: 409684
Ion Ratio Lower Upper
105 100
120 51.1 41.7 62.5
91 72.2 70.0 105.0
77 25.8 23.8 35.8





#75
1,3-Dichlorobenzene
Concen: 11.217 ppbv
RT: 11.600 min Scan# 3557
Delta R.T. -0.000 min
Lab File: VL043278.D
Acq: 24 Nov 2025 12:27

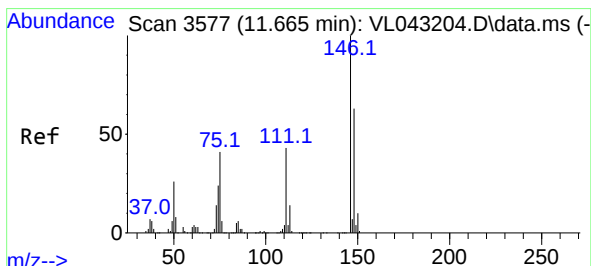
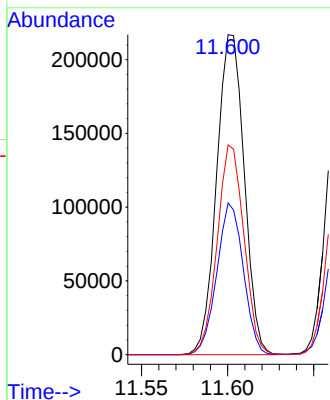
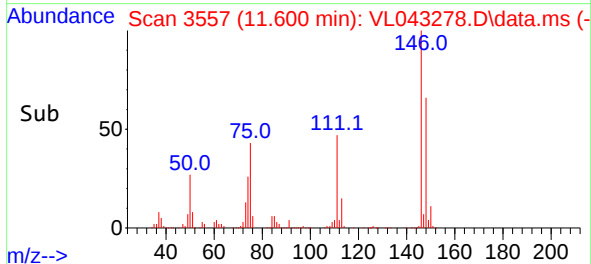
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



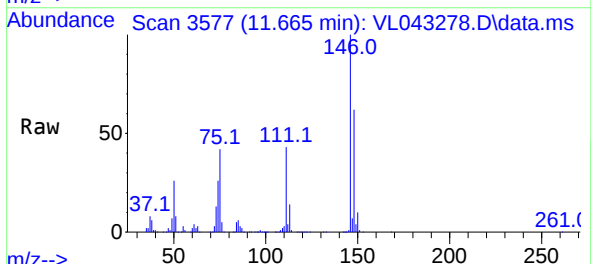
Tgt Ion:146 Resp: 242050
Ion Ratio Lower Upper
146 100
111 45.6 23.4 70.3
148 63.6 31.6 95.0

Manual Integrations
APPROVED

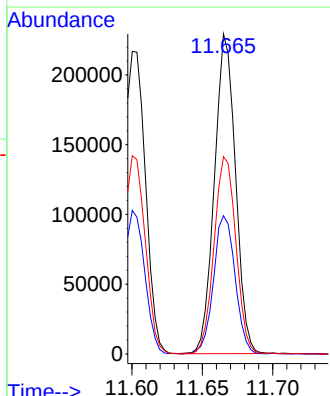
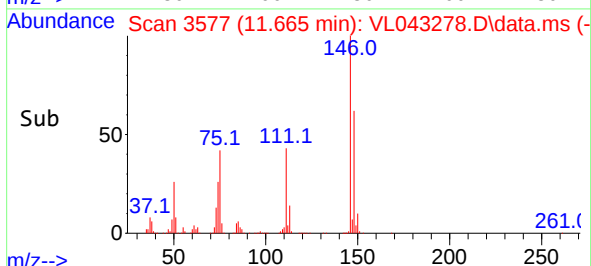
Reviewed By :Semsettin Yesilyurt 11/25/2025
Supervised By :Mahesh Dadoda 11/25/2025

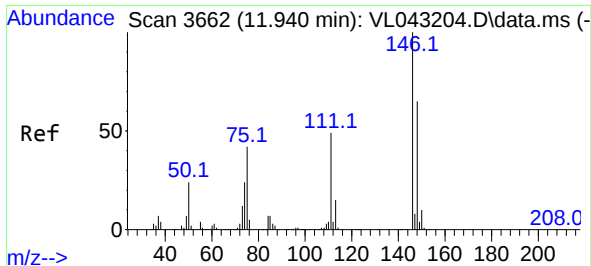


#76
1,4-Dichlorobenzene
Concen: 11.074 ppbv
RT: 11.665 min Scan# 3577
Delta R.T. -0.000 min
Lab File: VL043278.D
Acq: 24 Nov 2025 12:27



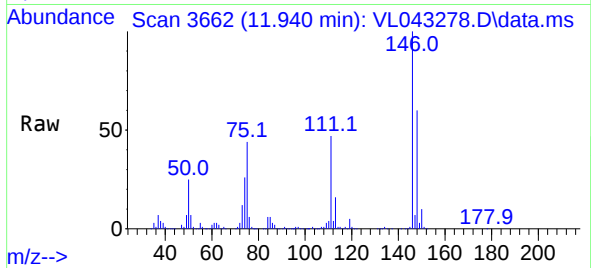
Tgt Ion:146 Resp: 239021
Ion Ratio Lower Upper
146 100
111 44.4 22.8 68.3
148 64.3 31.8 95.4





#77
1,2-Dichlorobenzene
Concen: 11.136 ppbv
RT: 11.940 min Scan# 3662
Delta R.T. -0.000 min
Lab File: VL043278.D
Acq: 24 Nov 2025 12:27

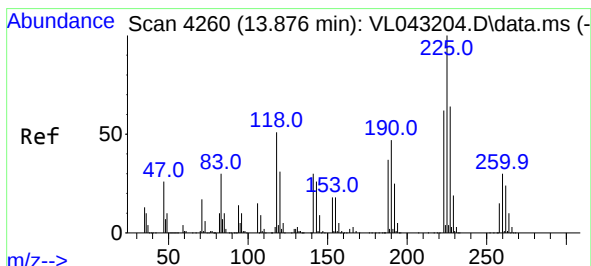
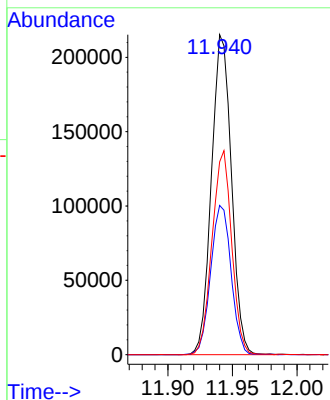
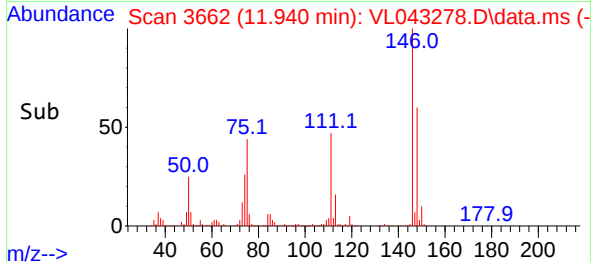
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



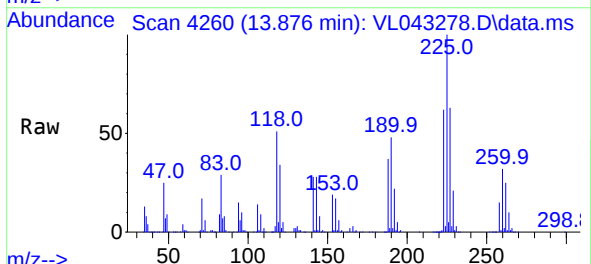
Tgt Ion:146 Resp: 231049
Ion Ratio Lower Upper
146 100
111 47.7 24.3 73.0
148 62.9 31.6 94.7

Manual Integrations
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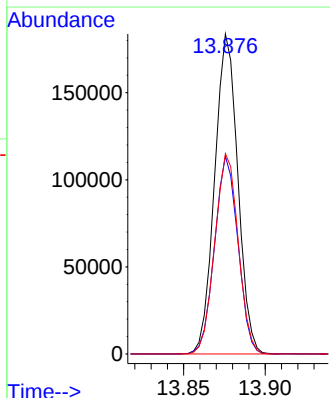
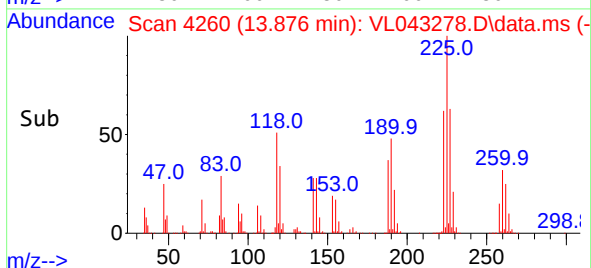
Reviewed By :Semsettin Yesilyurt 11/25/2025
Supervised By :Mahesh Dadoda 11/25/2025

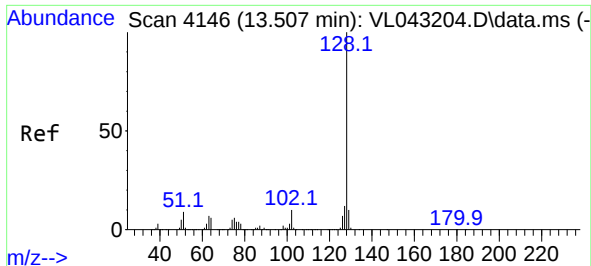


#78
Hexachloro-1,3-Butadiene
Concen: 10.468 ppbv
RT: 13.876 min Scan# 4260
Delta R.T. -0.000 min
Lab File: VL043278.D
Acq: 24 Nov 2025 12:27



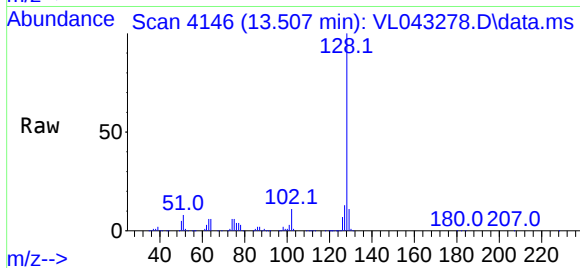
Tgt Ion:225 Resp: 181252
Ion Ratio Lower Upper
225 100
223 62.3 50.2 75.4
227 63.4 51.1 76.7





#79
Naphthalene
Concen: 10.351 ppbv
RT: 13.507 min Scan# 4146
Delta R.T. -0.000 min
Lab File: VL043278.D
Acq: 24 Nov 2025 12:27

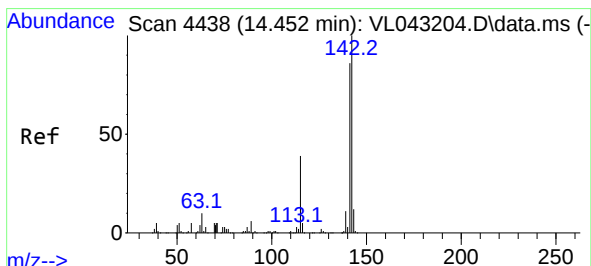
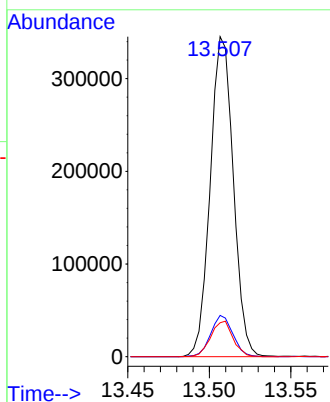
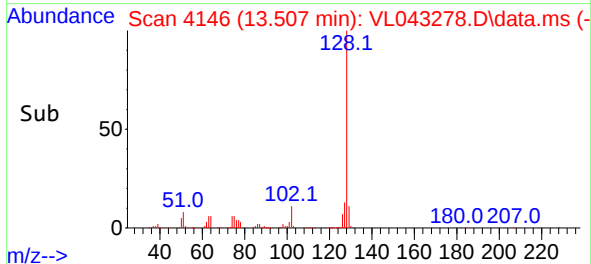
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



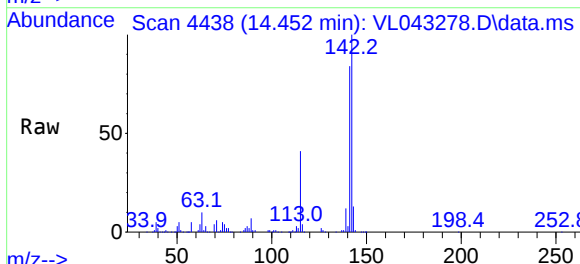
Tgt Ion:128 Resp: 33996
Ion Ratio Lower Upper
128 100
127 12.9 9.9 14.9
129 10.6 8.4 12.6

Manual Integrations
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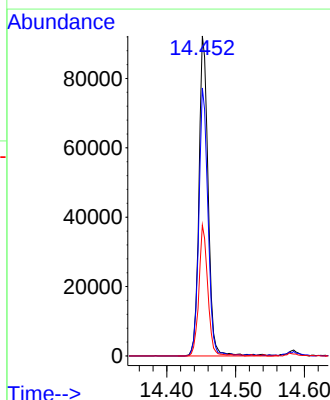
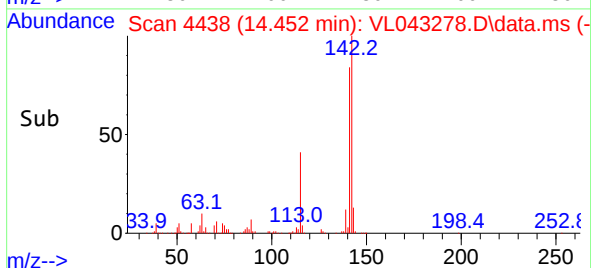
Reviewed By :Semsettin Yesilyurt 11/25/2025
Supervised By :Mahesh Dadoda 11/25/2025

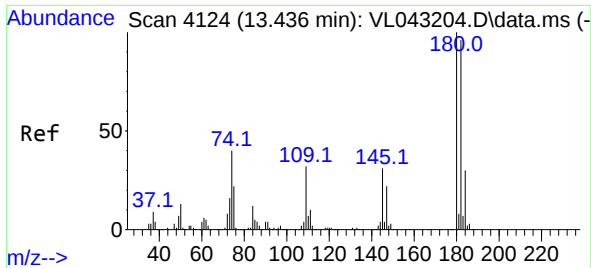


#80
Naphthalene,2-methyl-
Concen: 9.947 ppbv
RT: 14.452 min Scan# 4438
Delta R.T. -0.000 min
Lab File: VL043278.D
Acq: 24 Nov 2025 12:27



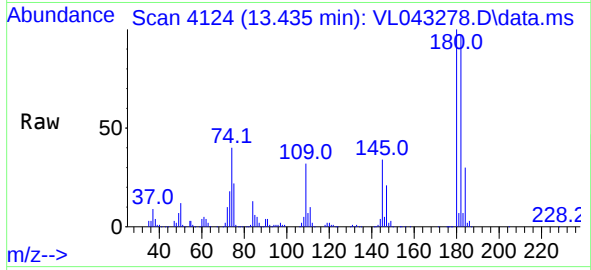
Tgt Ion:142 Resp: 85751
Ion Ratio Lower Upper
142 100
141 83.4 67.1 100.7
115 39.6 31.9 47.9





#81
 1,2,4-Trichlorobenzene
 Concen: 11.579 ppbv
 RT: 13.435 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VL043278.D
 Acq: 24 Nov 2025 12:27

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion:180 Resp: 170083
 Ion Ratio Lower Upper
 180 100
 182 94.0 77.4 116.2
 184 29.2 24.2 36.4

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 11/25/2025
 Supervised By :Mahesh Dadoda 11/25/2025

