

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL112425\
 Data File : VL043280.D
 Acq On : 24 Nov 2025 13:52
 Operator : SY/MD
 Sample : VL1124ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1124ABS01

Manual Integrations
 APPROVED

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

Quant Time: Nov 24 23:39:50 2025

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

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

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	105147	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.949	114	272854	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.872	117	221036	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 10.367 95 164851 10.175 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 101.700%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.499	85	162546	10.960	ppbv	99
3) Chlorodifluoromethane	1.476	51	149762	10.268	ppbv	95
4) Chloromethane	1.531	50	55864	10.075	ppbv	96
5) Vinyl Chloride	1.580	62	57122	9.420	ppbv	98
6) Bromomethane	1.667	94	28296	9.626	ppbv	98
7) Chloroethane	1.703	64	22649	9.590	ppbv	93
8) Dichlorotetrafluoroethane	1.554	85	135608	10.992	ppbv	98
9) Propene	1.483	41	58566m	9.456	ppbv	
10) Heptane	4.969	43	170817	9.267	ppbv	99
11) Trichlorofluoromethane	1.875	101	169809	11.818	ppbv	96
12) 1,1,2-Trichlorotrifluo...	2.137	101	132086	11.775	ppbv	99
13) Ethanol	1.719	45	17266	7.928	ppbv	97
14) Bromoethene	1.781	108	46318	10.771	ppbv	98
15) Acetone	1.832	43	126744	8.676	ppbv	98
16) 1,3-Butadiene	1.609	39	64230	9.862	ppbv	96
17) tert-Butyl alcohol	2.036	59	179940	9.384	ppbv	100
18) 1,1-Dichloroethene	2.030	96	55652	10.655	ppbv	92
19) Isopropyl Alcohol	1.884	45	71853	8.704	ppbv	92
20) Methylene Chloride	2.059	84	50105	11.780	ppbv	91
21) Allyl Chloride	2.095	41	88132	8.967	ppbv	96
22) trans-1,2-Dichloroethene	2.337	96	64065	10.731	ppbv	98
23) Vinyl Acetate	2.457	43	171121	9.703	ppbv #	99
24) 1,1-Dichloroethane	2.405	63	124688	10.820	ppbv	98
25) Ethyl Acetate	2.826	43	301985	9.585	ppbv	99
26) Hexane	2.820	57	135935	9.841	ppbv	99
27) Carbon Disulfide	2.146	76	158318	11.226	ppbv	100
28) Methyl tert-Butyl Ether	2.434	73	75424	11.124	ppbv	95
29) Chloroform	2.842	83	228576	11.642	ppbv	98
30) Cyclohexane	3.852	84	116565	10.065	ppbv	93
31) cis-1,2-Dichloroethene	2.716	61	143211	10.430	ppbv	98
32) 1,1,1-Trichloroethane	3.360	97	235081	11.233	ppbv	99
34) 2-Butanone	2.551	43	193105	10.026	ppbv	99
35) Carbon Tetrachloride	3.755	117	246117	11.883	ppbv	99
36) Benzene	3.648	78	279506	10.697	ppbv	98
37) 1,2-Dichloroethane	3.211	62	178873	11.703	ppbv	98
38) Trichloroethene	4.538	130	112238	10.979	ppbv	96
39) 1,2-Dichloropropane	4.302	63	101403	10.603	ppbv	93
40) 1,4-Dioxane	4.564	88	38115	8.866	ppbv #	94
41) Tetrahydrofuran	3.043	42	103010	9.685	ppbv	98
42) Bromodichloromethane	4.477	83	246932	11.712	ppbv	95
43) Methyl Methacrylate	4.868	69	132570	9.558	ppbv	96
44) 2,2,4-Trimethylpentane	4.632	57	459765	10.245	ppbv	99
45) t-1,3-Dichloropropene	6.403	75	103648	8.017	ppbv	95

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Manual Integrations
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 Supervised By : Mahesh Dadoda 11/25/2025

Quant Time: Nov 24 23:39:50 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

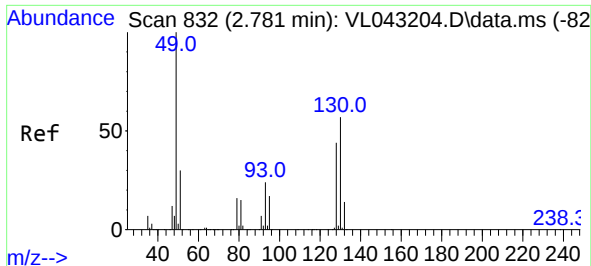
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.584	75	125652	8.277	ppbv	94
47) 1,1,2-Trichloroethane	6.568	97	111403	10.976	ppbv	92
48) Dibromochloromethane	7.377	129	203117	11.640	ppbv	98
49) Bromoform	9.474	173	179808	11.633	ppbv	99
50) 4-Methyl-2-Pentanone	5.729	43	257888	9.505	ppbv	98
51) 2-Hexanone	7.422	43	184928	8.777	ppbv #	98
52) Tetrachloroethene	8.212	164	102674	10.563	ppbv	94
53) Toluene	6.920	91	315386	10.193	ppbv	99
54) 1,2-Dibromoethane	7.642	107	154824	10.366	ppbv	99
56) 1,1,1,2-Tetrachloroethane	8.914	131	190059	11.700	ppbv	98
57) Chlorobenzene	8.914	112	250652	11.045	ppbv	98
58) Ethyl Benzene	9.348	91	451322	10.609	ppbv	98
59) m/p-Xylene	9.523	91	743261m	21.791	ppbv	
60) o-Xylene	9.956	91	367807	10.794	ppbv	99
61) Styrene	9.863	104	142907	9.583	ppbv	99
62) Isopropylbenzene	10.533	105	669597	10.984	ppbv	100
63) 1,1,2,2-Tetrachloroethane	9.953	83	227409	10.489	ppbv	99
64) n-propylbenzene	10.982	120	167620	10.701	ppbv	99
65) tert-Butylbenzene	11.523	119	573049	10.526	ppbv	99
66) Benzyl Chloride	11.610	91	25332	4.585	ppbv	99
67) sec-Butylbenzene	11.759	105	802399	10.559	ppbv	99
69) p-Isopropyltoluene	11.918	119	666208	10.349	ppbv	100
70) n-Butylbenzene	12.274	91	653544	10.465	ppbv	99
71) 2-Chlorotoluene	10.895	91	492497	10.511	ppbv	100
72) 4-Ethyltoluene	11.118	105	448275	10.803	ppbv	98
73) 1,3,5-Trimethylbenzene	11.196	105	372510	10.697	ppbv	96
74) 1,2,4-Trimethylbenzene	11.529	105	413769	10.888	ppbv	96
75) 1,3-Dichlorobenzene	11.601	146	239632	10.806	ppbv	97
76) 1,4-Dichlorobenzene	11.665	146	239094	10.779	ppbv	98
77) 1,2-Dichlorobenzene	11.940	146	227478	10.669	ppbv	99
78) Hexachloro-1,3-Butadiene	13.876	225	183653	10.321	ppbv	99
79) Naphthalene	13.507	128	340028	10.074	ppbv	100
80) Naphthalene,2-methyl-	14.452	142	83577	9.433	ppbv	100
81) 1,2,4-Trichlorobenzene	13.433	180	167890	11.122	ppbv	99

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

Manual Integrations APPROVED

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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





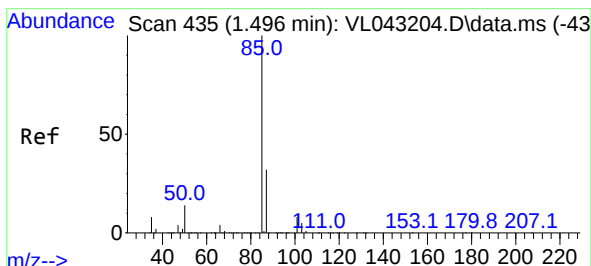
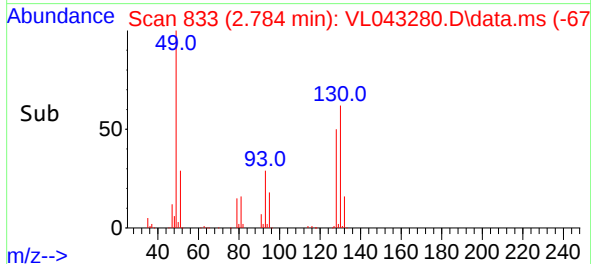
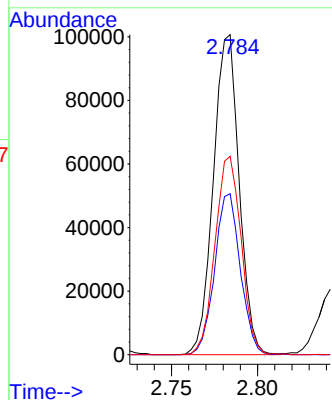
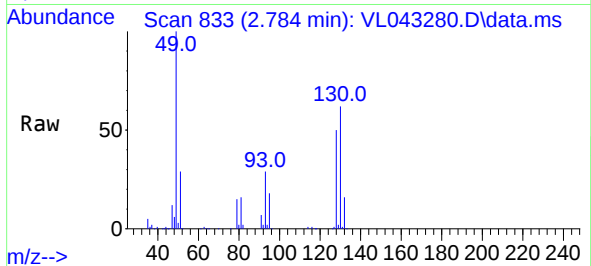
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.784 min Scan# 811
Delta R.T. 0.003 min
Lab File: VL043280.D
Acq: 24 Nov 2025 13:52

Instrument :
MSVOA_L
ClientSampleId :
VL1124ABS01

Tgt Ion: 49 Resp: 10514
Ion Ratio Lower Upper
49 100
128 50.0 23.0 69.0
130 62.8 29.9 89.7

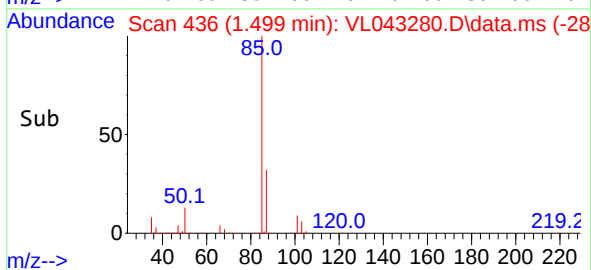
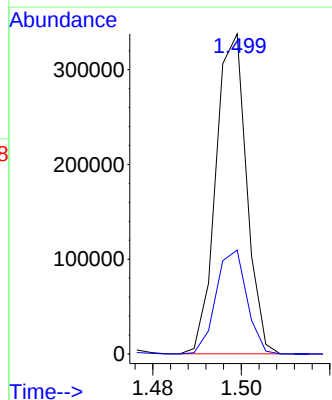
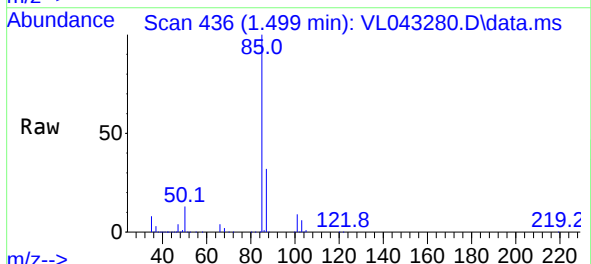
Manual Integrations
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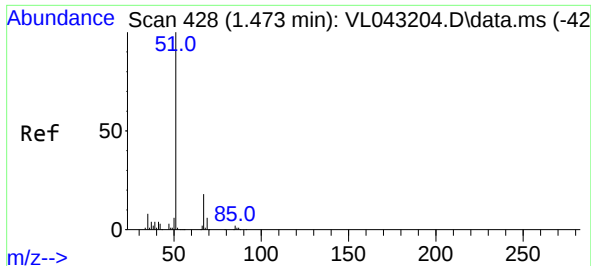
Reviewed By :Semsettin Yesilyurt 11/25/2025
Supervised By :Mahesh Dadoda 11/25/2025



#2
Dichlorodifluoromethane
Concen: 10.960 ppbv
RT: 1.499 min Scan# 436
Delta R.T. 0.003 min
Lab File: VL043280.D
Acq: 24 Nov 2025 13:52

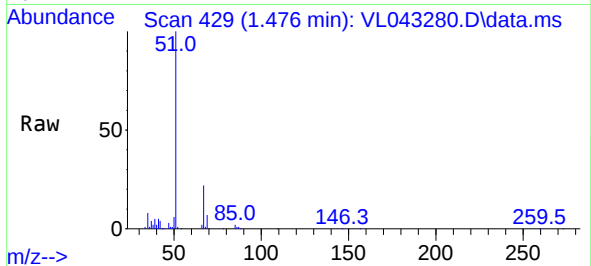
Tgt Ion: 85 Resp: 162546
Ion Ratio Lower Upper
85 100
87 32.5 25.4 38.2





#3
Chlorodifluoromethane
Concen: 10.268 ppbv
RT: 1.476 min Scan# 428
Delta R.T. 0.003 min
Lab File: VL043280.D
Acq: 24 Nov 2025 13:52

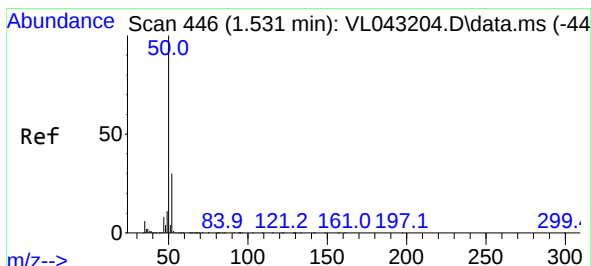
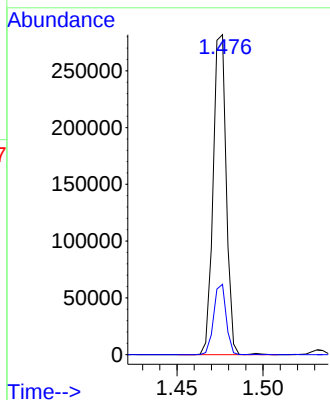
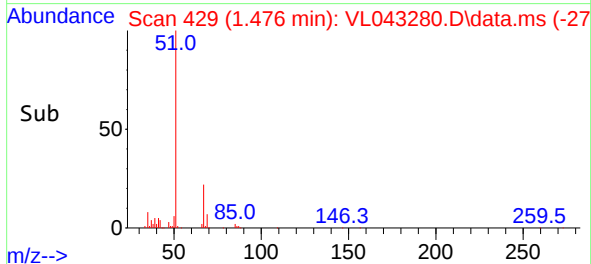
Instrument :
MSVOA_L
ClientSampleId :
VL1124ABS01



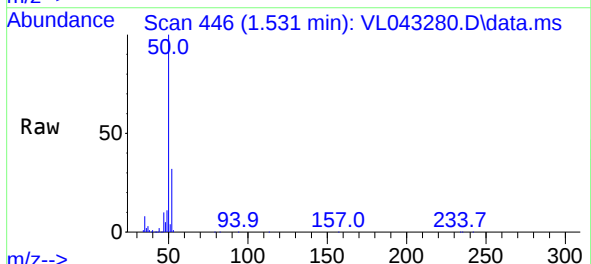
Tgt Ion: 51 Resp: 149762
Ion Ratio Lower Upper
51 100
67 21.0 14.9 22.3

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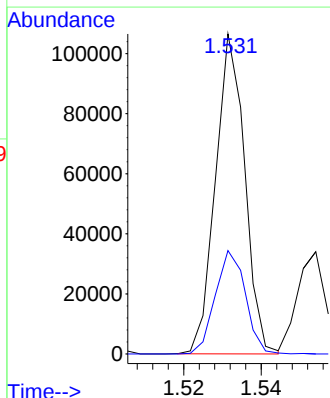
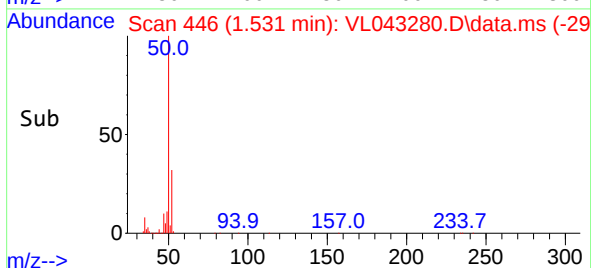
Reviewed By :Semsettin Yesilyurt 11/25/2025
Supervised By :Mahesh Dadoda 11/25/2025

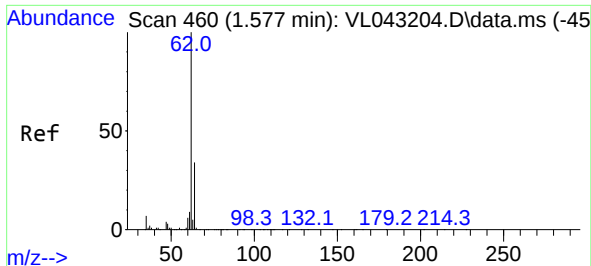


#4
Chloromethane
Concen: 10.075 ppbv
RT: 1.531 min Scan# 446
Delta R.T. -0.000 min
Lab File: VL043280.D
Acq: 24 Nov 2025 13:52



Tgt Ion: 50 Resp: 55864
Ion Ratio Lower Upper
50 100
52 32.3 24.1 36.1





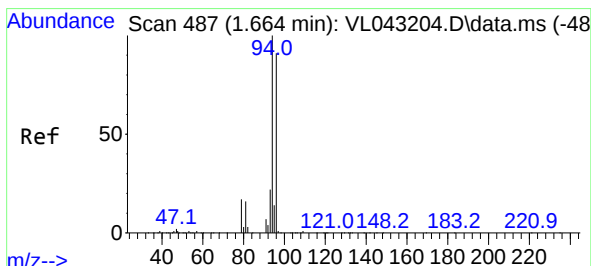
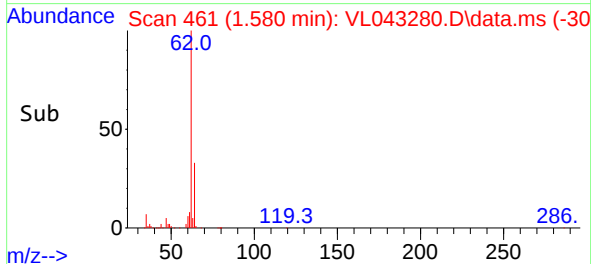
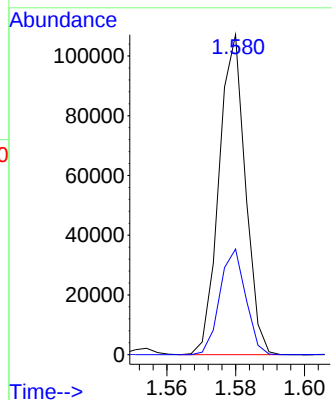
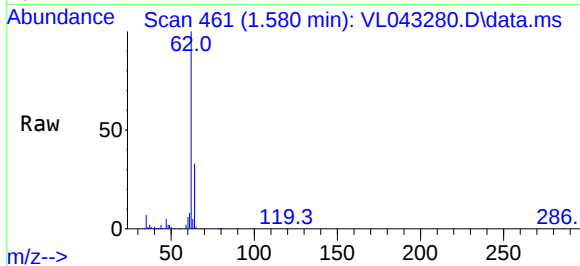
#5
Vinyl Chloride
Concen: 9.420 ppbv
RT: 1.580 min Scan# 461
Delta R.T. 0.003 min
Lab File: VL043280.D
Acq: 24 Nov 2025 13:52

Instrument :
MSVOA_L
ClientSampleId :
VL1124ABS01

Tgt Ion: 62 Resp: 5712
Ion Ratio Lower Upper
62 100
64 33.0 27.3 40.9

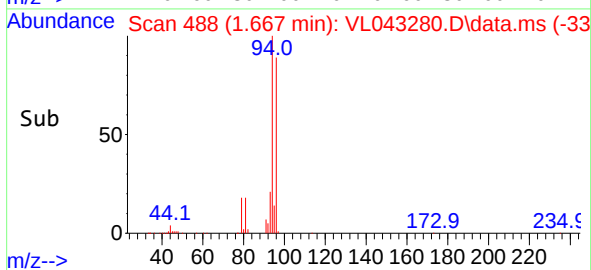
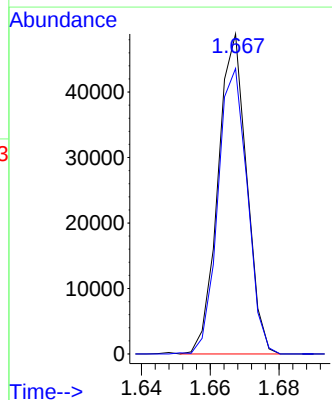
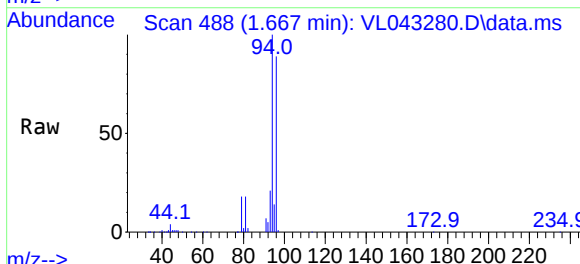
Manual Integrations
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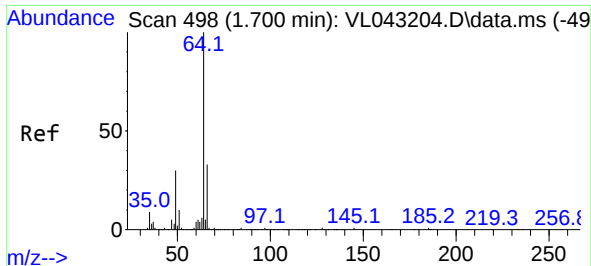
Reviewed By :Semsettin Yesilyurt 11/25/2025
Supervised By :Mahesh Dadoda 11/25/2025



#6
Bromomethane
Concen: 9.626 ppbv
RT: 1.667 min Scan# 488
Delta R.T. 0.003 min
Lab File: VL043280.D
Acq: 24 Nov 2025 13:52

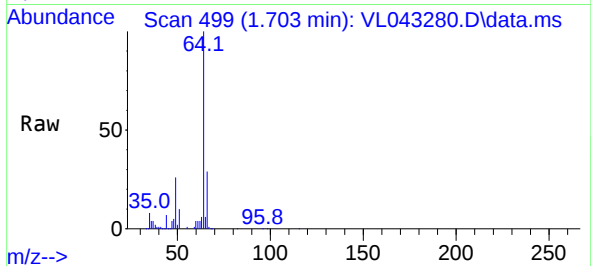
Tgt Ion: 94 Resp: 28296
Ion Ratio Lower Upper
94 100
96 89.2 72.9 109.3





#7
Chloroethane
Concen: 9.590 ppbv
RT: 1.703 min Scan# 499
Delta R.T. 0.003 min
Lab File: VL043280.D
Acq: 24 Nov 2025 13:52

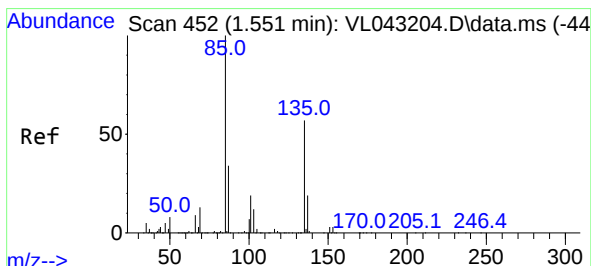
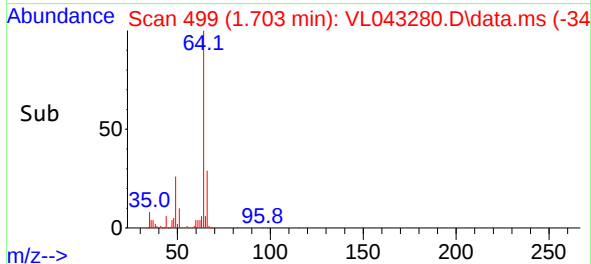
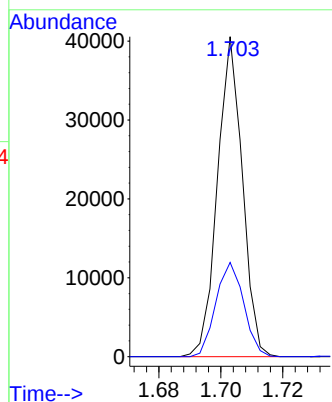
Instrument :
MSVOA_L
ClientSampleId :
VL1124ABS01



Tgt Ion: 64 Resp: 22649
Ion Ratio Lower Upper
64 100
66 29.5 26.8 40.2

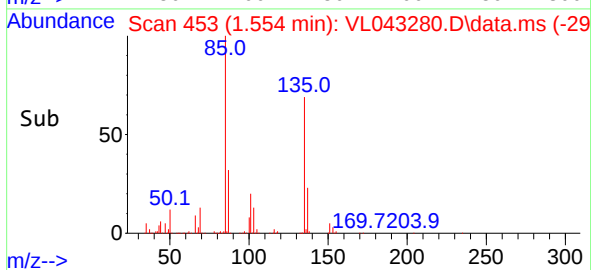
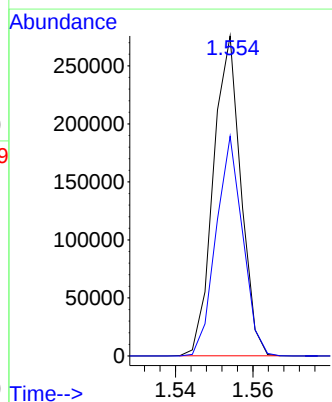
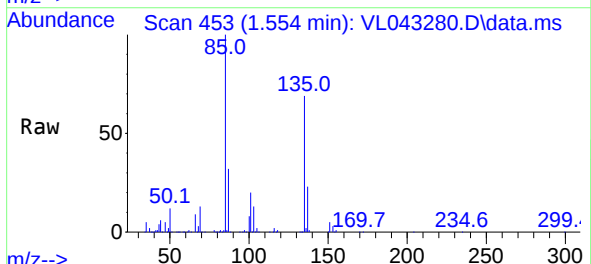
Manual Integrations
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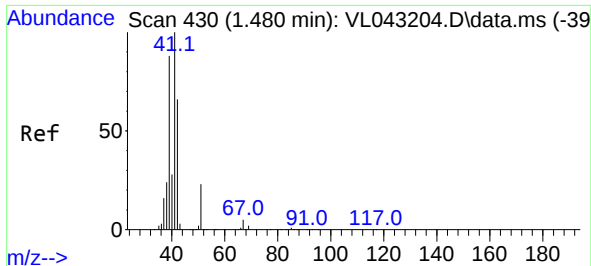
Reviewed By :Semsettin Yesilyurt 11/25/2025
Supervised By :Mahesh Dadoda 11/25/2025



#8
Dichlorotetrafluoroethane
Concen: 10.992 ppbv
RT: 1.554 min Scan# 453
Delta R.T. 0.003 min
Lab File: VL043280.D
Acq: 24 Nov 2025 13:52

Tgt Ion: 85 Resp: 135608
Ion Ratio Lower Upper
85 100
135 67.0 52.6 79.0





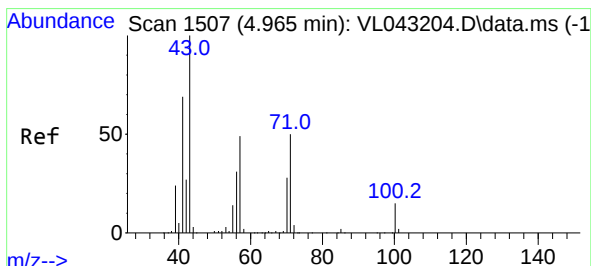
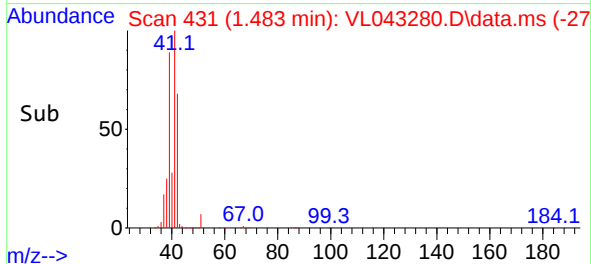
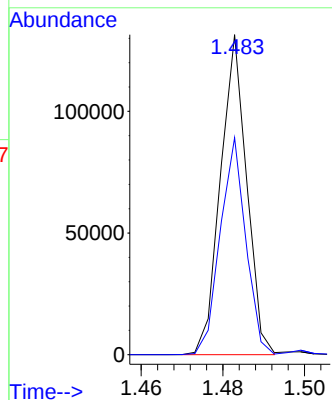
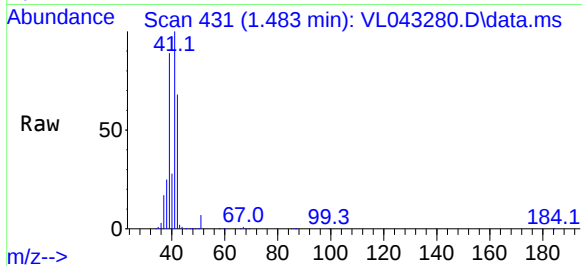
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Propene
Concen: 9.456 ppbv m
RT: 1.483 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL043280.D
Acq: 24 Nov 2025 13:52

Instrument :
MSVOA_L
ClientSampleId :
VL1124ABS01

Tgt Ion: 41 Resp: 58560
Ion Ratio Lower Upper
41 100
42 5.6 3.7 5.5

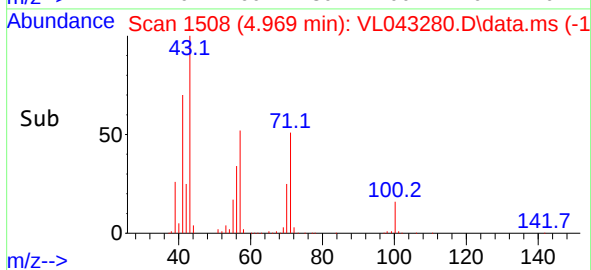
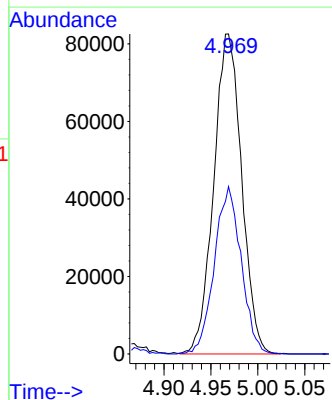
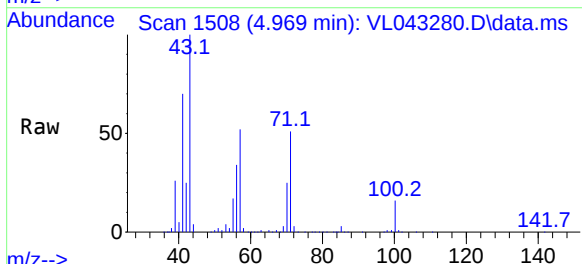
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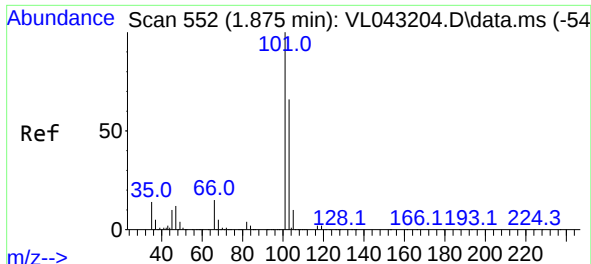
Reviewed By :Semsettin Yesilyurt 11/25/2025
Supervised By :Mahesh Dadoda 11/25/2025



#10
Heptane
Concen: 9.267 ppbv
RT: 4.969 min Scan# 1508
Delta R.T. 0.003 min
Lab File: VL043280.D
Acq: 24 Nov 2025 13:52

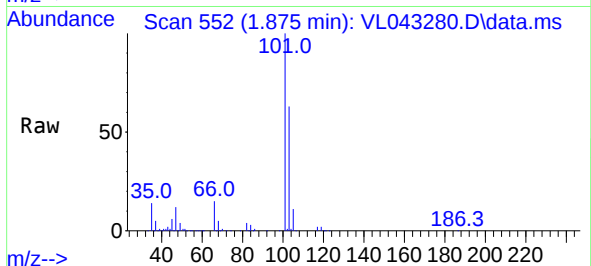
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Ion Ratio Lower Upper
43 100
57 50.1 39.7 59.5





#11
Trichlorofluoromethane
Concen: 11.818 ppbv
RT: 1.875 min Scan# 511
Delta R.T. 0.000 min
Lab File: VL043280.D
Acq: 24 Nov 2025 13:52

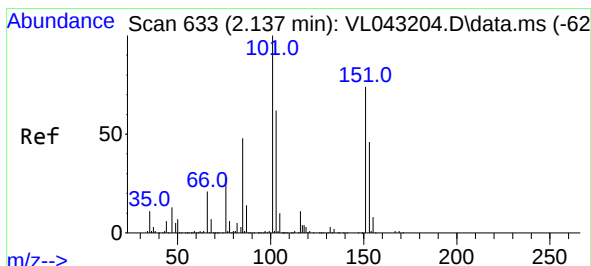
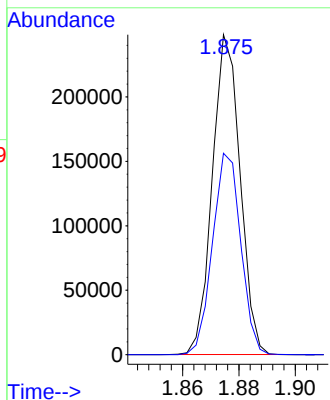
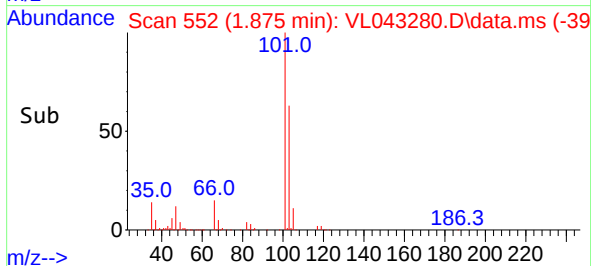
Instrument :
MSVOA_L
ClientSampleId :
VL1124ABS01



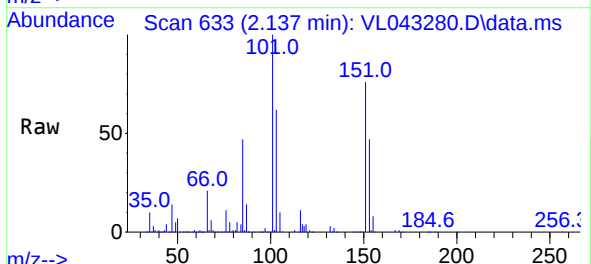
Tgt Ion:101 Resp: 169809
Ion Ratio Lower Upper
101 100
103 63.0 52.6 79.0

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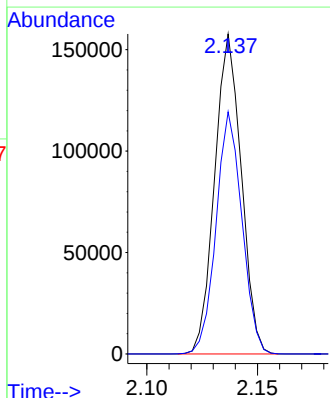
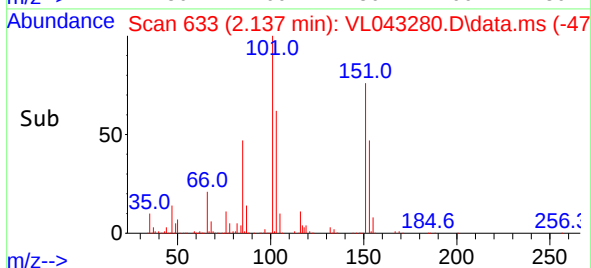
Reviewed By :Semsettin Yesilyurt 11/25/2025
Supervised By :Mahesh Dadoda 11/25/2025

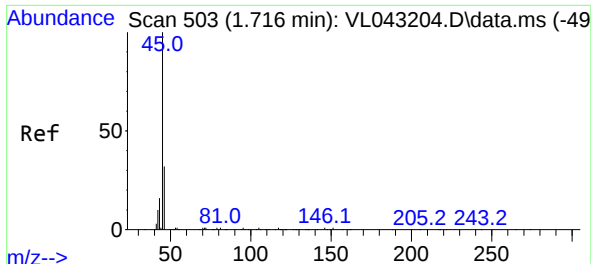


#12
1,1,2-Trichlorotrifluoroethane
Concen: 11.775 ppbv
RT: 2.137 min Scan# 633
Delta R.T. 0.000 min
Lab File: VL043280.D
Acq: 24 Nov 2025 13:52



Tgt Ion:101 Resp: 132086
Ion Ratio Lower Upper
101 100
151 73.5 59.2 88.8





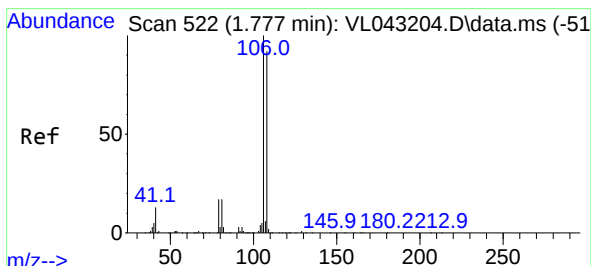
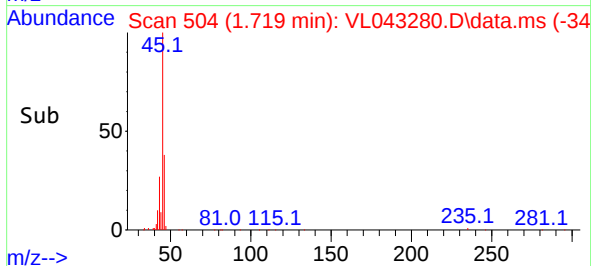
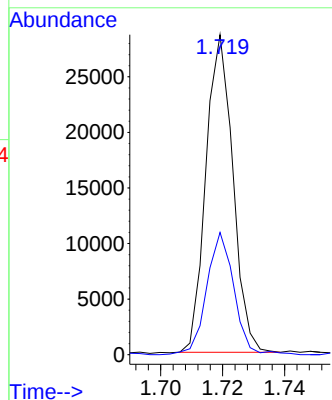
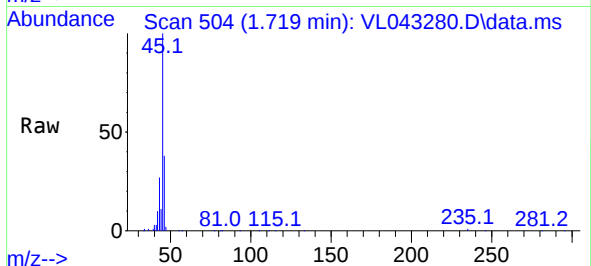
#13
Ethanol
Concen: 7.928 ppbv
RT: 1.719 min Scan# 503
Delta R.T. 0.003 min
Lab File: VL043280.D
Acq: 24 Nov 2025 13:52

Instrument :
MSVOA_L
ClientSampleId :
VL1124ABS01

Tgt Ion: 45 Resp: 17260
Ion Ratio Lower Upper
45 100
46 39.4 15.0 59.8

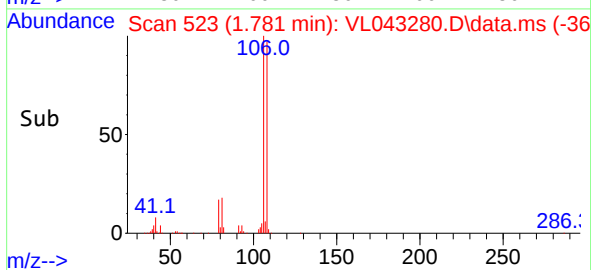
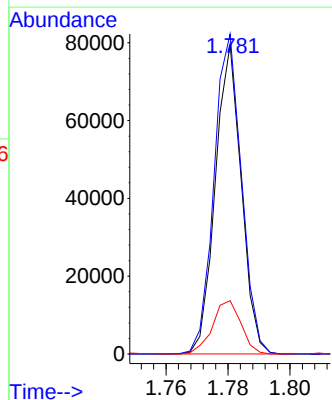
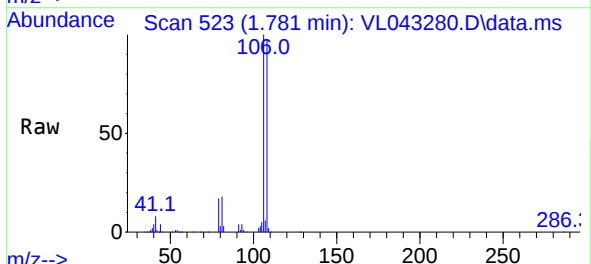
Manual Integrations
APPROVED

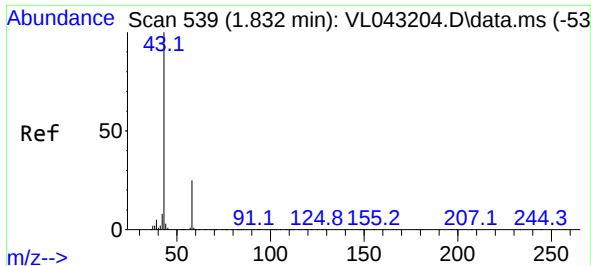
Reviewed By :Semsettin Yesilyurt 11/25/2025
Supervised By :Mahesh Dadoda 11/25/2025



#14
Bromoethene
Concen: 10.771 ppbv
RT: 1.781 min Scan# 523
Delta R.T. 0.003 min
Lab File: VL043280.D
Acq: 24 Nov 2025 13:52

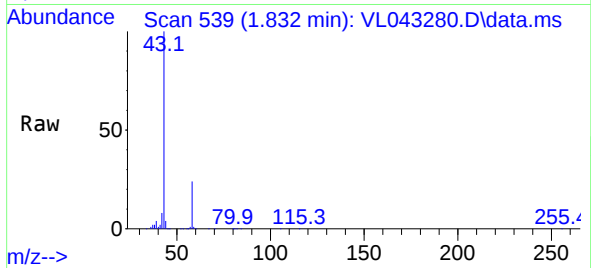
Tgt Ion:108 Resp: 46318
Ion Ratio Lower Upper
108 100
106 109.1 88.9 133.3
79 19.3 16.5 24.7





#15
Acetone
Concen: 8.676 ppbv
RT: 1.832 min Scan# 51
Delta R.T. 0.000 min
Lab File: VL043280.D
Acq: 24 Nov 2025 13:52

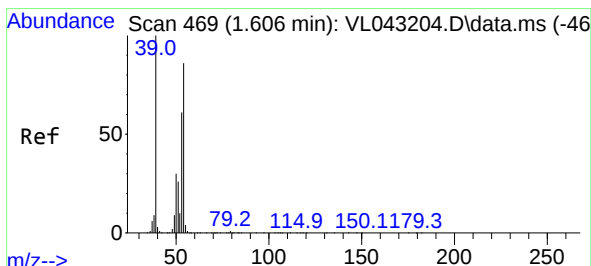
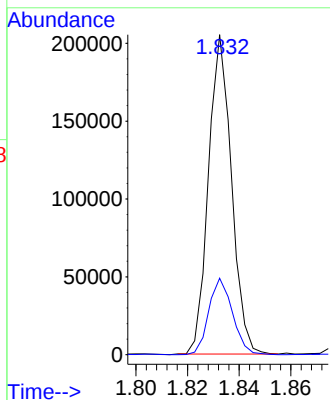
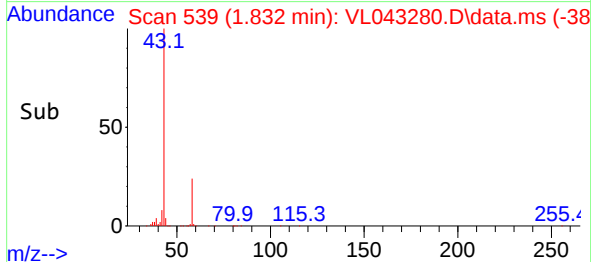
Instrument :
MSVOA_L
ClientSampleId :
VL1124ABS01



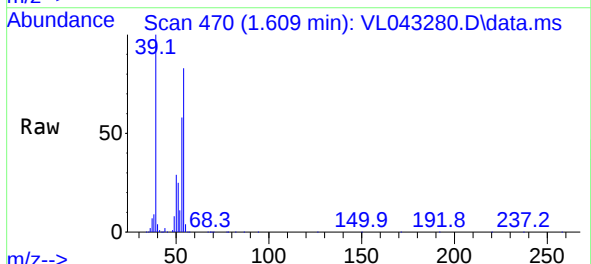
Tgt Ion: 43 Resp: 126744
Ion Ratio Lower Upper
43 100
58 24.9 20.7 31.1

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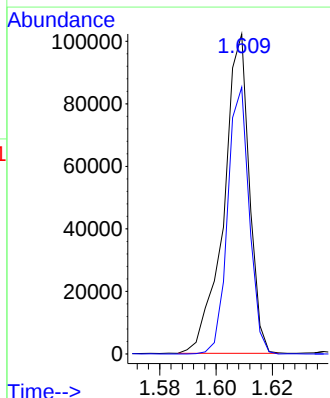
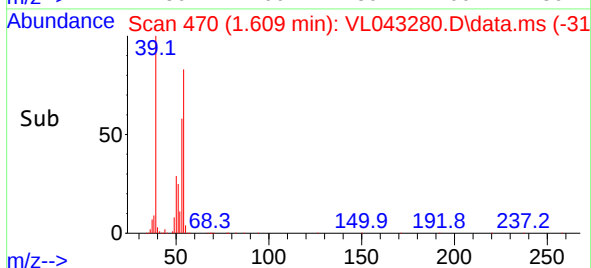
Reviewed By :Semsettin Yesilyurt 11/25/2025
Supervised By :Mahesh Dadoda 11/25/2025

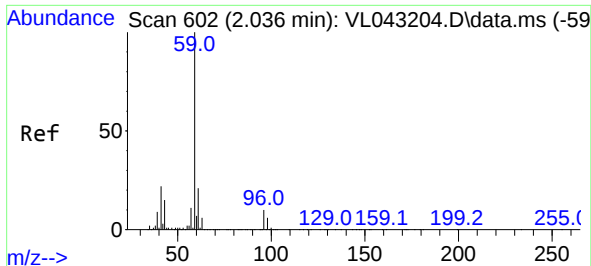


#16
1,3-Butadiene
Concen: 9.862 ppbv
RT: 1.609 min Scan# 470
Delta R.T. 0.003 min
Lab File: VL043280.D
Acq: 24 Nov 2025 13:52



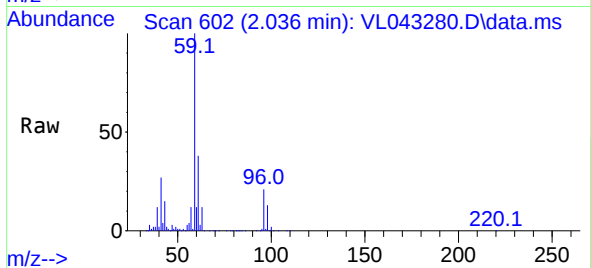
Tgt Ion: 39 Resp: 64230
Ion Ratio Lower Upper
39 100
54 70.7 59.4 89.2





#17
tert-Butyl alcohol
Concen: 9.384 ppbv
RT: 2.036 min Scan# 602
Delta R.T. 0.000 min
Lab File: VL043280.D
Acq: 24 Nov 2025 13:52

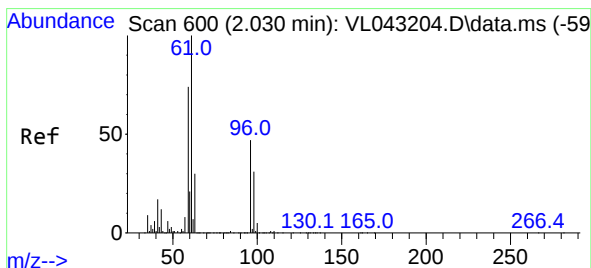
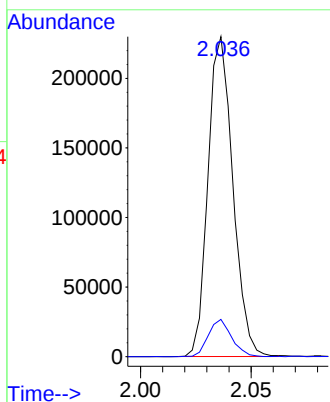
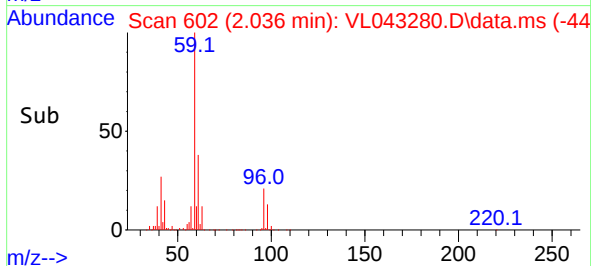
Instrument :
MSVOA_L
ClientSampleId :
VL1124ABS01



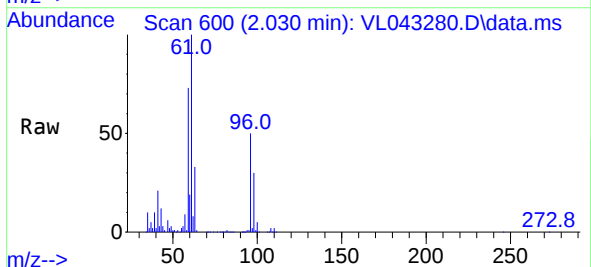
Tgt Ion: 59 Resp: 179940
Ion Ratio Lower Upper
59 100
57 11.1 9.0 13.4

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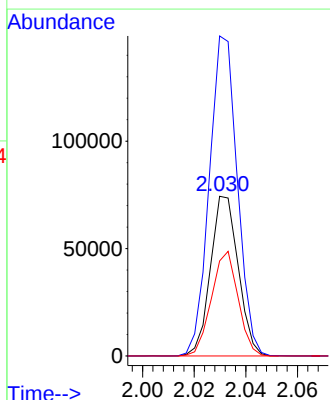
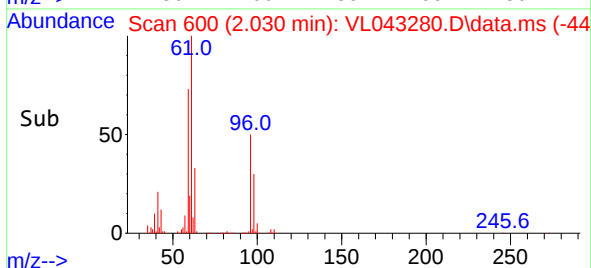
Reviewed By :Semsettin Yesilyurt 11/25/2025
Supervised By :Mahesh Dadoda 11/25/2025

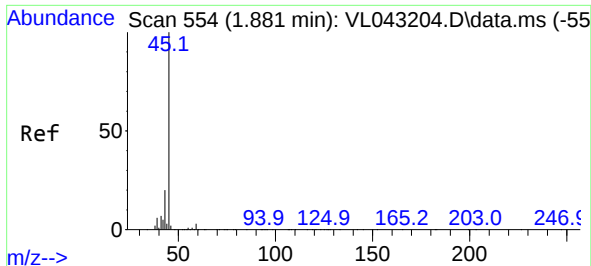


#18
1,1-Dichloroethene
Concen: 10.655 ppbv
RT: 2.030 min Scan# 600
Delta R.T. 0.000 min
Lab File: VL043280.D
Acq: 24 Nov 2025 13:52



Tgt Ion: 96 Resp: 55652
Ion Ratio Lower Upper
96 100
61 200.3 170.6 255.8
98 59.5 52.2 78.4





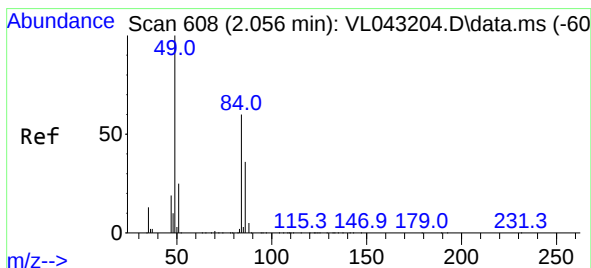
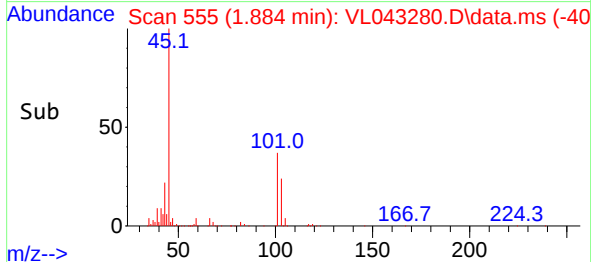
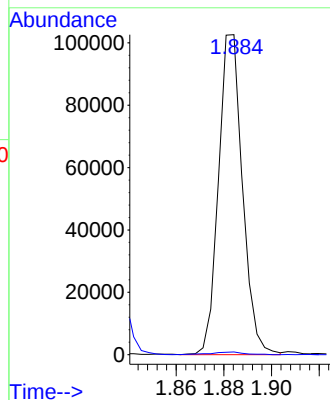
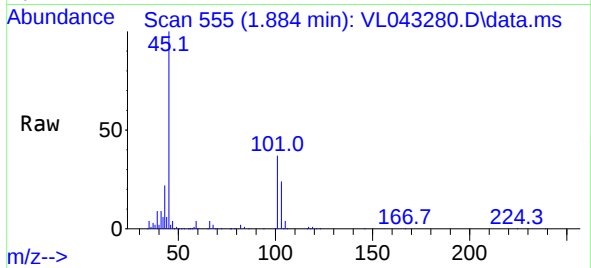
#19
Isopropyl Alcohol
Concen: 8.704 ppbv
RT: 1.884 min Scan# 511
Delta R.T. 0.003 min
Lab File: VL043280.D
Acq: 24 Nov 2025 13:52

Instrument :
MSVOA_L
ClientSampleId :
VL1124ABS01

Tgt Ion: 45 Resp: 7185
Ion Ratio Lower Upper
45 100
58 43.9 31.3 46.9

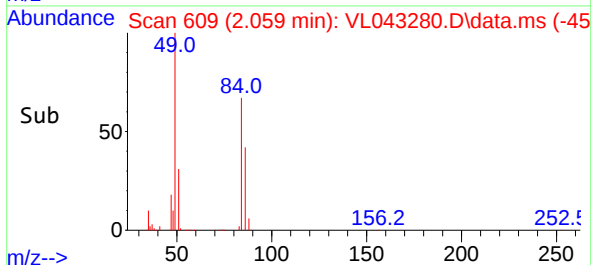
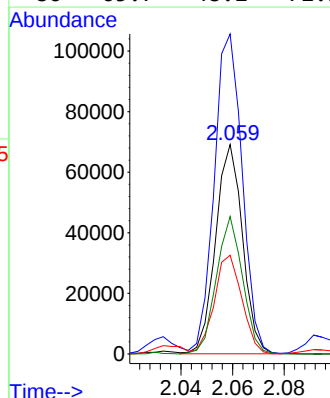
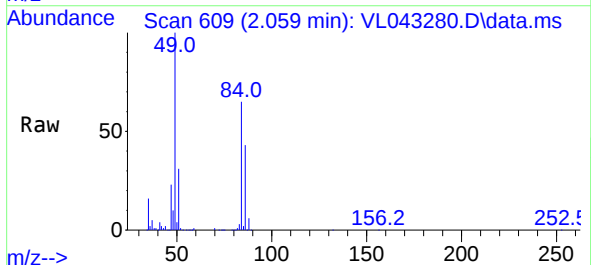
Manual Integrations
APPROVED

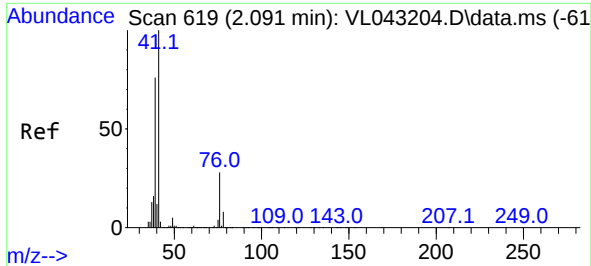
Reviewed By :Semsettin Yesilyurt 11/25/2025
Supervised By :Mahesh Dadoda 11/25/2025



#20
Methylene Chloride
Concen: 11.780 ppbv
RT: 2.059 min Scan# 609
Delta R.T. 0.003 min
Lab File: VL043280.D
Acq: 24 Nov 2025 13:52

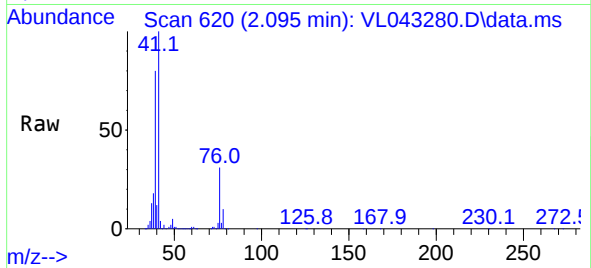
Tgt Ion: 84 Resp: 50105
Ion Ratio Lower Upper
84 100
49 152.7 132.9 199.3
51 47.1 34.8 52.2
86 65.7 48.2 72.2





#21
 Allyl Chloride
 Concen: 8.967 ppbv
 RT: 2.095 min Scan# 619
 Delta R.T. 0.003 min
 Lab File: VL043280.D
 Acq: 24 Nov 2025 13:52

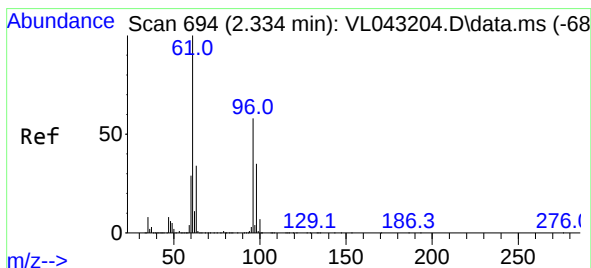
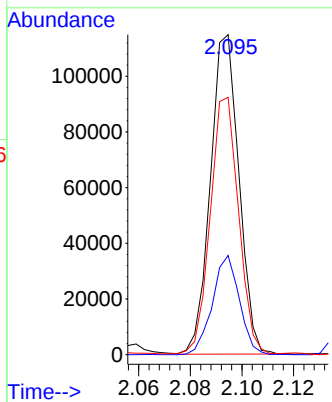
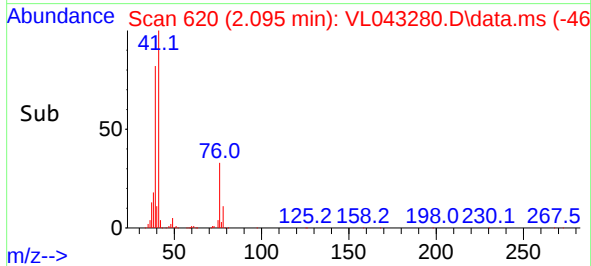
Instrument :
 MSVOA_L
 ClientSampleId :
 VL1124ABS01



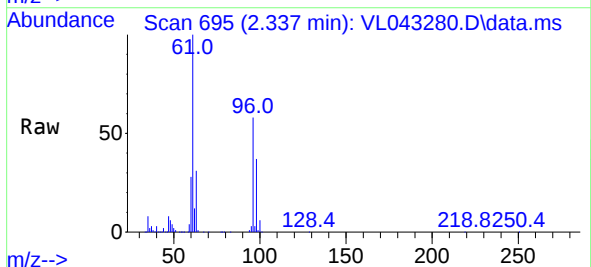
Tgt Ion: 41 Resp: 8813
 Ion Ratio Lower Upper
 41 100
 76 29.4 22.1 33.1
 39 79.8 61.0 91.4

Manual Integrations
 APPROVED

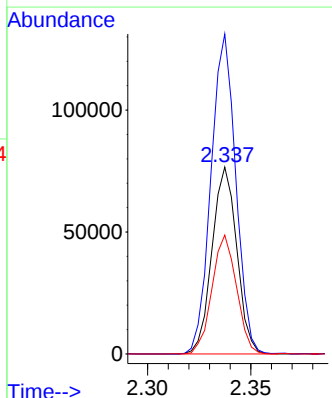
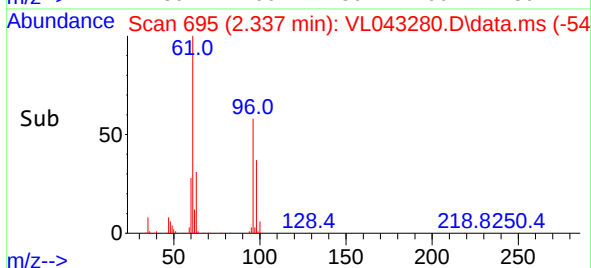
Reviewed By :Semsettin Yesilyurt 11/25/2025
 Supervised By :Mahesh Dadoda 11/25/2025

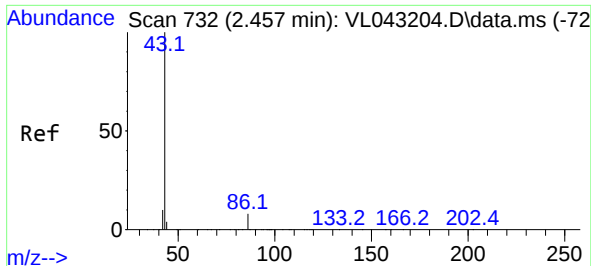


#22
 trans-1,2-Dichloroethene
 Concen: 10.731 ppbv
 RT: 2.337 min Scan# 695
 Delta R.T. 0.003 min
 Lab File: VL043280.D
 Acq: 24 Nov 2025 13:52



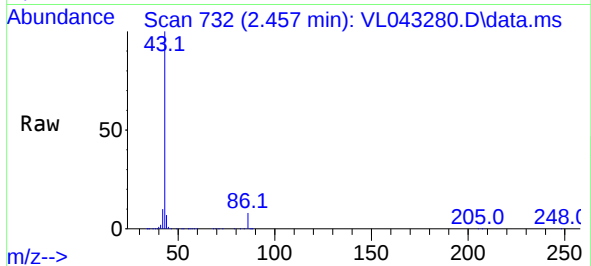
Tgt Ion: 96 Resp: 64065
 Ion Ratio Lower Upper
 96 100
 61 171.3 139.0 208.6
 98 63.5 49.4 74.2





#23
 Vinyl Acetate
 Concen: 9.703 ppbv
 RT: 2.457 min Scan# 711
 Delta R.T. 0.000 min
 Lab File: VL043280.D
 Acq: 24 Nov 2025 13:52

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1124ABS01

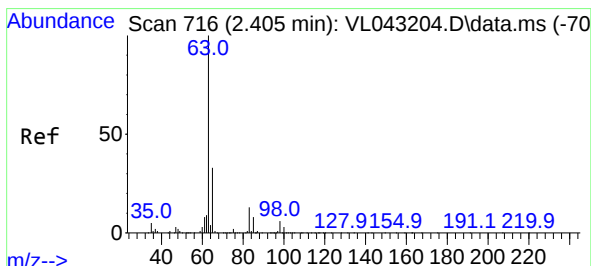
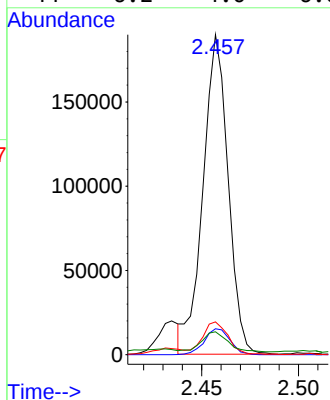
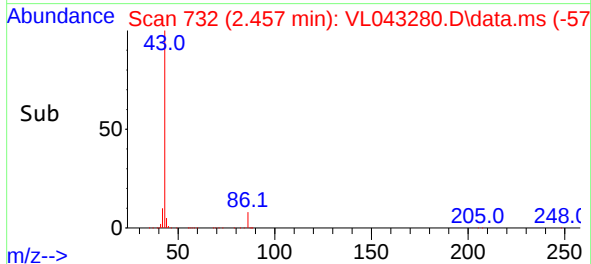


Tgt Ion: 43 Resp: 17112

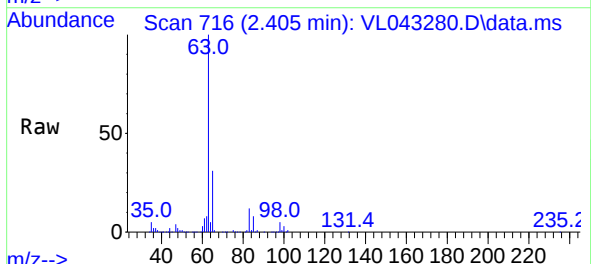
Ion	Ratio	Lower	Upper
43	100		
86	8.1	6.2	9.2
42	10.0	8.0	12.0
44	6.2	4.0	6.0

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

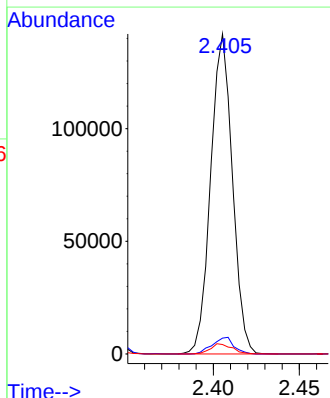
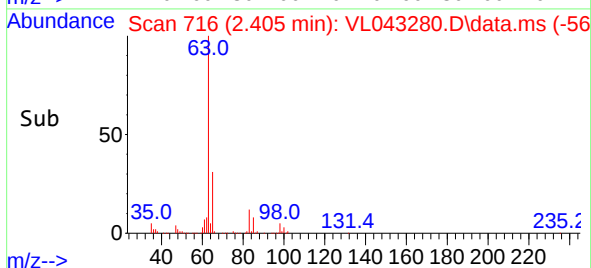


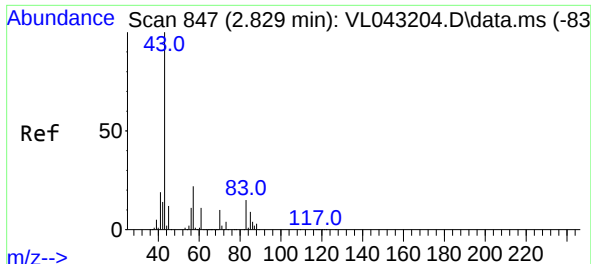
#24
 1,1-Dichloroethane
 Concen: 10.820 ppbv
 RT: 2.405 min Scan# 716
 Delta R.T. 0.000 min
 Lab File: VL043280.D
 Acq: 24 Nov 2025 13:52



Tgt Ion: 63 Resp: 124688

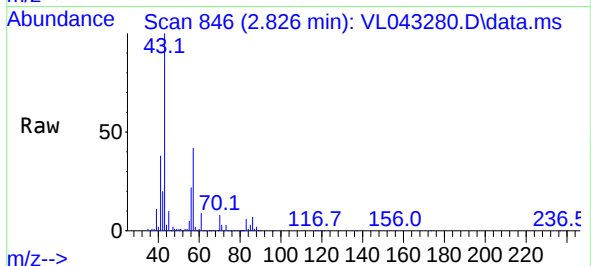
Ion	Ratio	Lower	Upper
63	100		
98	5.0	2.8	8.4
100	3.0	1.3	3.9





#25
Ethyl Acetate
Concen: 9.585 ppbv
RT: 2.826 min Scan# 847
Delta R.T. -0.003 min
Lab File: VL043280.D
Acq: 24 Nov 2025 13:52

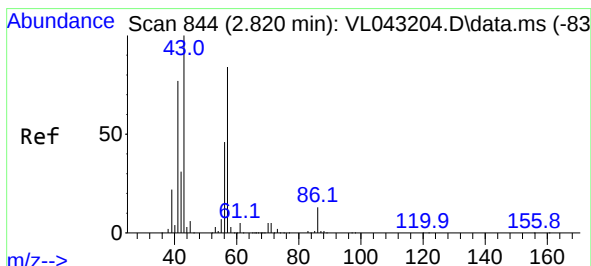
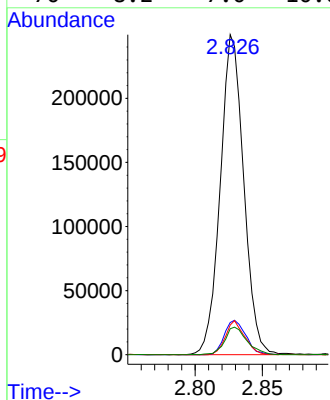
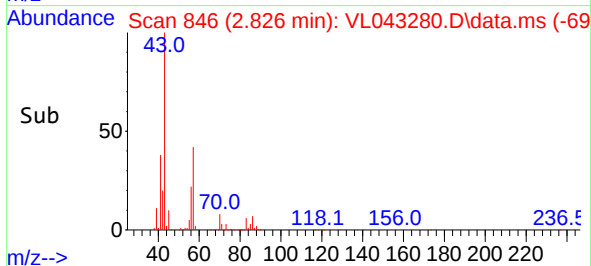
Instrument :
MSVOA_L
ClientSampleId :
VL1124ABS01



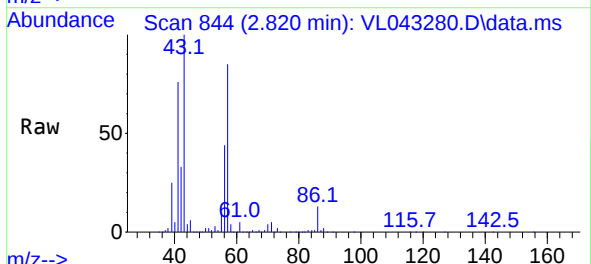
Tgt Ion: 43 Resp: 301985
Ion Ratio Lower Upper
43 100
45 9.9 8.1 12.1
61 8.7 7.0 10.4
70 8.2 7.0 10.6

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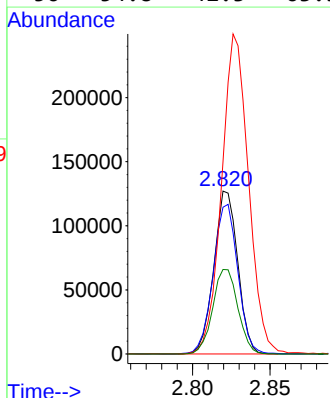
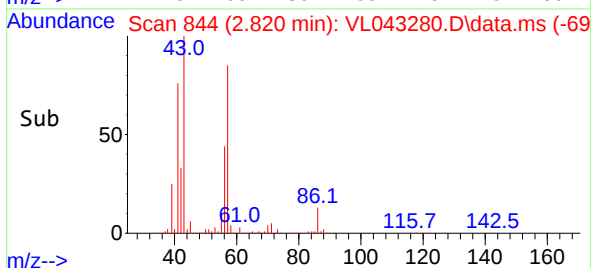
Reviewed By :Semsettin Yesilyurt 11/25/2025
Supervised By :Mahesh Dadoda 11/25/2025

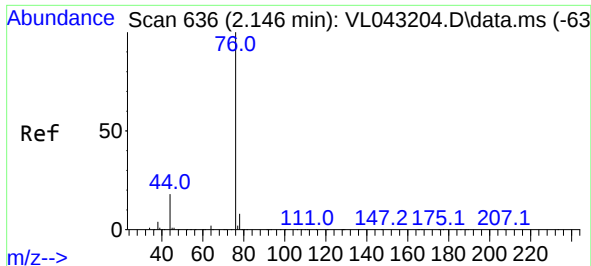


#26
Hexane
Concen: 9.841 ppbv
RT: 2.820 min Scan# 844
Delta R.T. 0.000 min
Lab File: VL043280.D
Acq: 24 Nov 2025 13:52



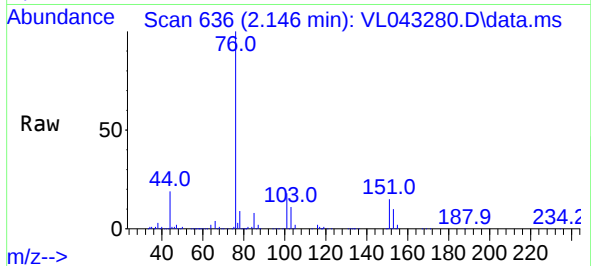
Tgt Ion: 57 Resp: 135935
Ion Ratio Lower Upper
57 100
41 95.3 74.6 111.8
43 223.4 179.0 268.4
56 54.8 42.3 63.5





#27
Carbon Disulfide
Concen: 11.226 ppbv
RT: 2.146 min Scan# 636
Delta R.T. 0.000 min
Lab File: VL043280.D
Acq: 24 Nov 2025 13:52

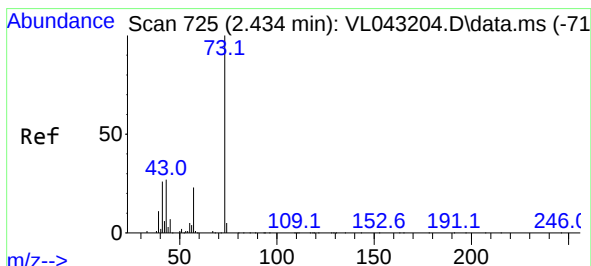
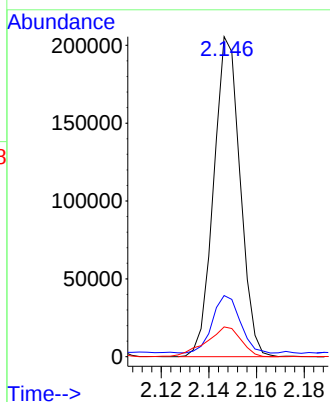
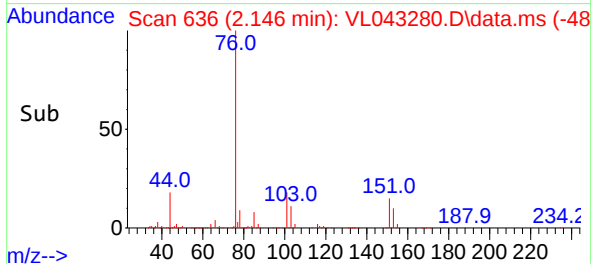
Instrument :
MSVOA_L
ClientSampleId :
VL1124ABS01



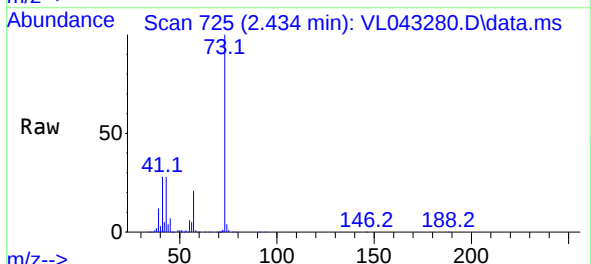
Tgt Ion: 76 Resp: 158318
Ion Ratio Lower Upper
76 100
44 20.0 16.1 24.1
78 12.2 9.6 14.4

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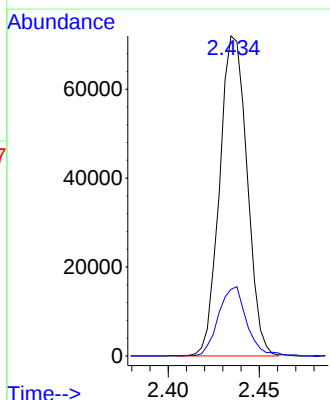
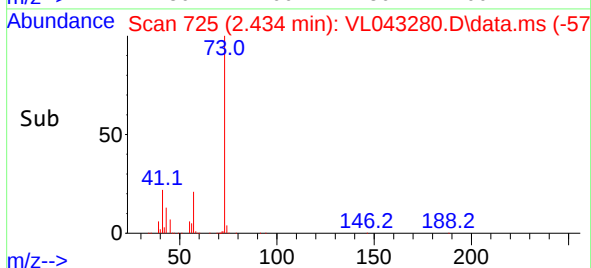
Reviewed By :Semsettin Yesilyurt 11/25/2025
Supervised By :Mahesh Dadoda 11/25/2025

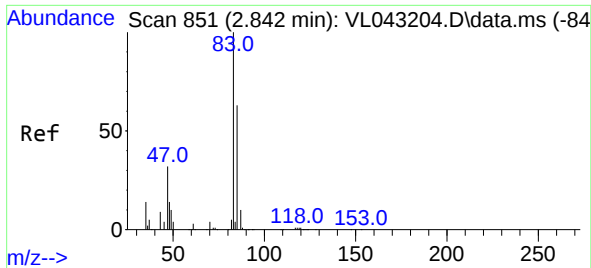


#28
Methyl tert-Butyl Ether
Concen: 11.124 ppbv
RT: 2.434 min Scan# 725
Delta R.T. 0.000 min
Lab File: VL043280.D
Acq: 24 Nov 2025 13:52



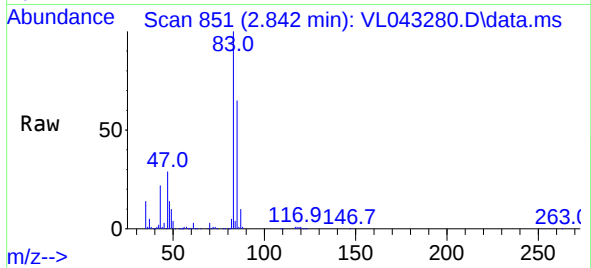
Tgt Ion: 73 Resp: 75424
Ion Ratio Lower Upper
73 100
57 22.4 19.8 29.8





#29
Chloroform
Concen: 11.642 ppbv
RT: 2.842 min Scan# 851
Delta R.T. 0.000 min
Lab File: VL043280.D
Acq: 24 Nov 2025 13:52

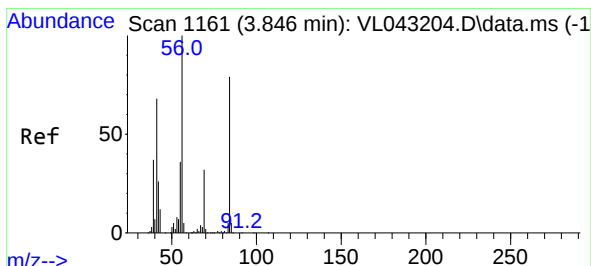
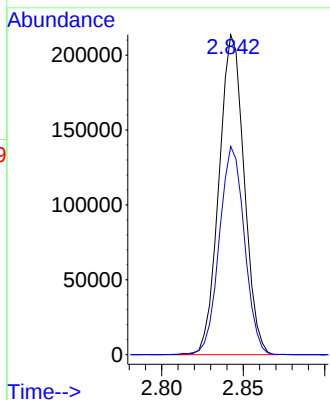
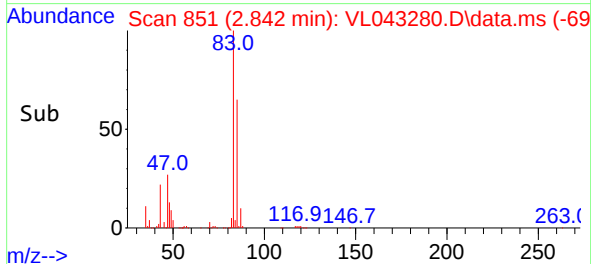
Instrument :
MSVOA_L
ClientSampleId :
VL1124ABS01



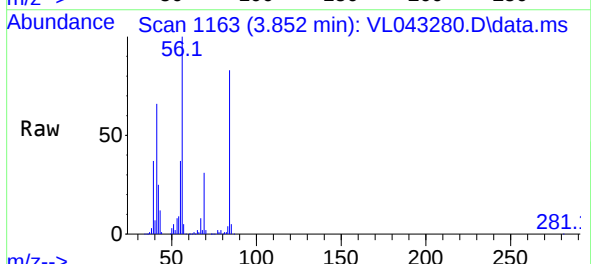
Tgt Ion: 83 Resp: 228570
Ion Ratio Lower Upper
83 100
85 65.0 50.5 75.7

Manual Integrations
APPROVED

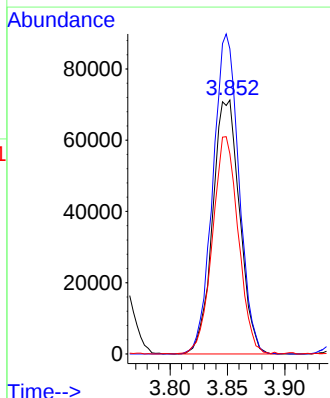
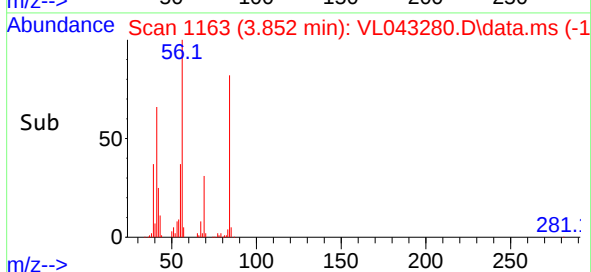
Reviewed By :Semsettin Yesilyurt 11/25/2025
Supervised By :Mahesh Dadoda 11/25/2025

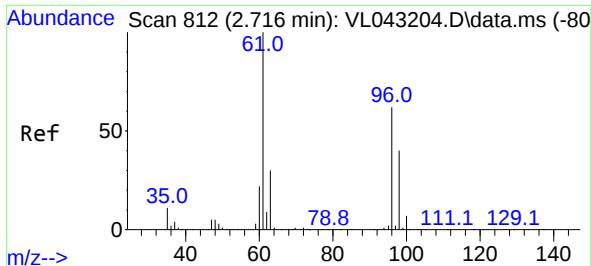


#30
Cyclohexane
Concen: 10.065 ppbv
RT: 3.852 min Scan# 1163
Delta R.T. 0.006 min
Lab File: VL043280.D
Acq: 24 Nov 2025 13:52



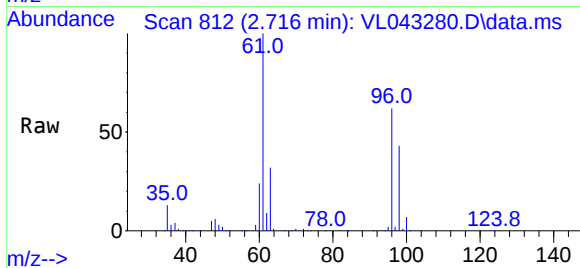
Tgt Ion: 84 Resp: 116565
Ion Ratio Lower Upper
84 100
56 121.4 104.7 157.1
41 82.3 69.0 103.6





#31
 cis-1,2-Dichloroethene
 Concen: 10.430 ppbv
 RT: 2.716 min Scan# 812
 Delta R.T. 0.000 min
 Lab File: VL043280.D
 Acq: 24 Nov 2025 13:52

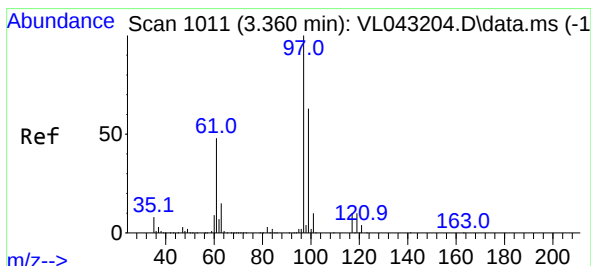
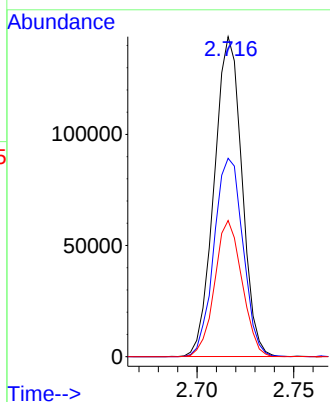
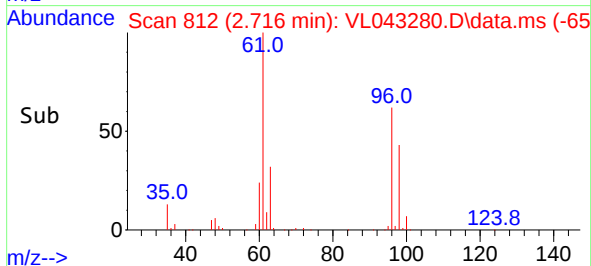
Instrument :
 MSVOA_L
 ClientSampleId :
 VL1124ABS01



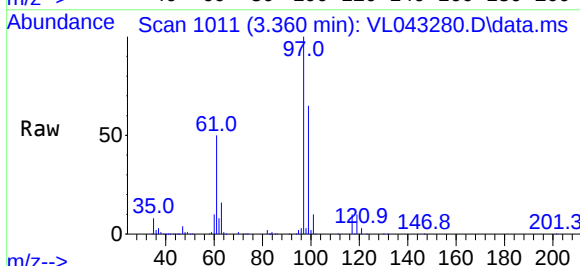
Tgt Ion: 61 Resp: 14321
 Ion Ratio Lower Upper
 61 100
 96 62.0 49.3 73.9
 98 42.6 32.1 48.1

Manual Integrations
 APPROVED

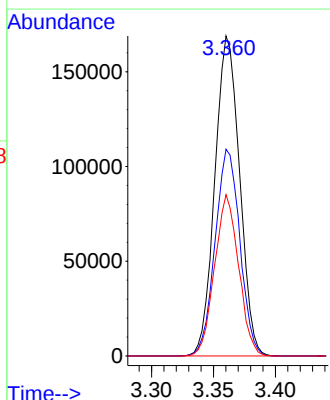
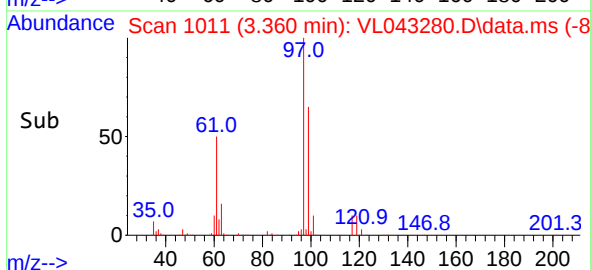
Reviewed By :Semsettin Yesilyurt 11/25/2025
 Supervised By :Mahesh Dadoda 11/25/2025

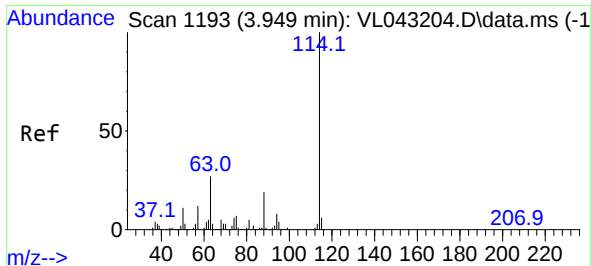


#32
 1,1,1-Trichloroethane
 Concen: 11.233 ppbv
 RT: 3.360 min Scan# 1011
 Delta R.T. 0.000 min
 Lab File: VL043280.D
 Acq: 24 Nov 2025 13:52



Tgt Ion: 97 Resp: 235081
 Ion Ratio Lower Upper
 97 100
 99 64.7 50.3 75.5
 61 48.9 38.9 58.3





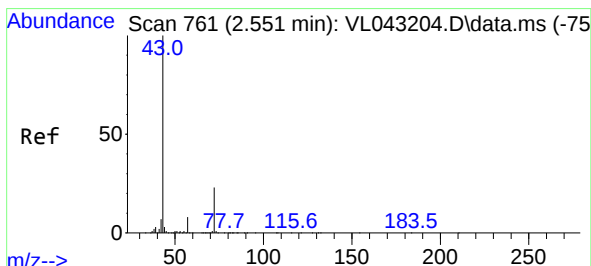
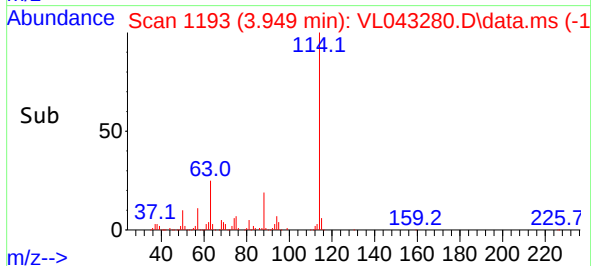
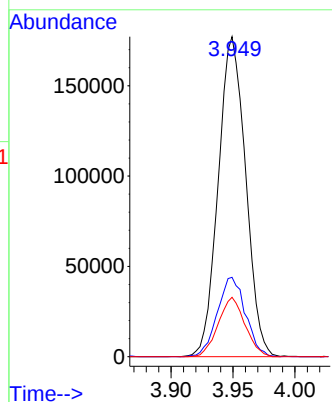
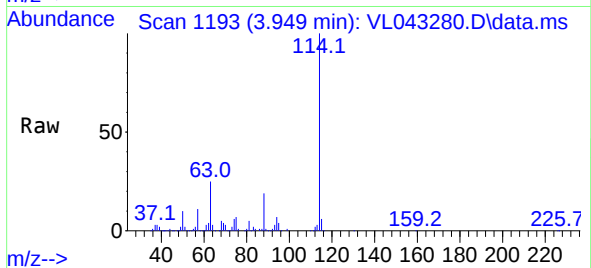
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.949 min Scan# 1193
Delta R.T. 0.000 min
Lab File: VL043280.D
Acq: 24 Nov 2025 13:52

Instrument :
MSVOA_L
ClientSampleId :
VL1124ABS01

Tgt Ion:114 Resp: 272854
Ion Ratio Lower Upper
114 100
63 25.5 21.0 31.6
88 18.1 14.9 22.3

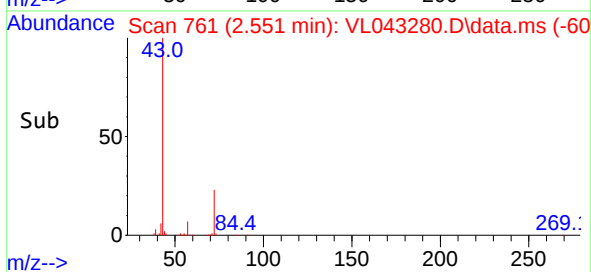
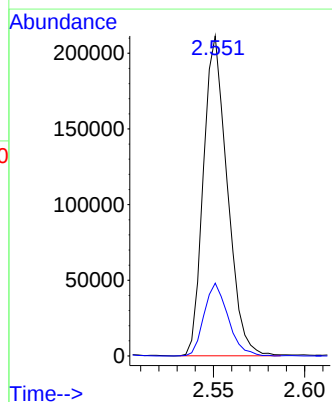
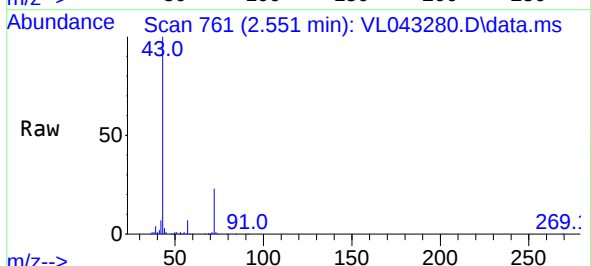
Manual Integrations
APPROVED

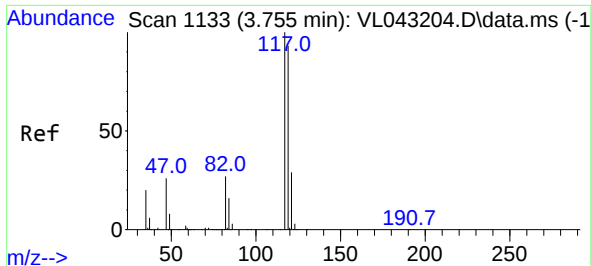
Reviewed By :Semsettin Yesilyurt 11/25/2025
Supervised By :Mahesh Dadoda 11/25/2025



#34
2-Butanone
Concen: 10.026 ppbv
RT: 2.551 min Scan# 761
Delta R.T. 0.000 min
Lab File: VL043280.D
Acq: 24 Nov 2025 13:52

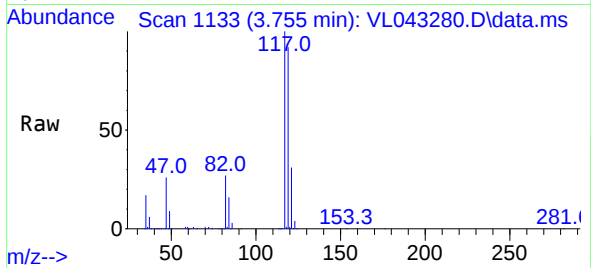
Tgt Ion: 43 Resp: 193105
Ion Ratio Lower Upper
43 100
72 22.9 18.1 27.1





#35
Carbon Tetrachloride
Concen: 11.883 ppbv
RT: 3.755 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VL043280.D
Acq: 24 Nov 2025 13:52

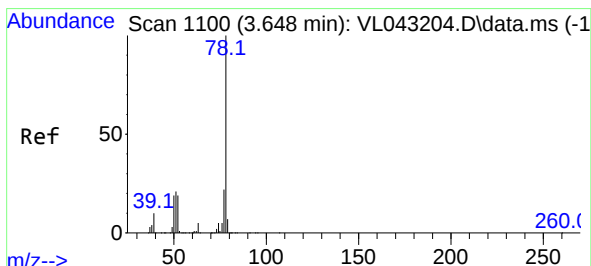
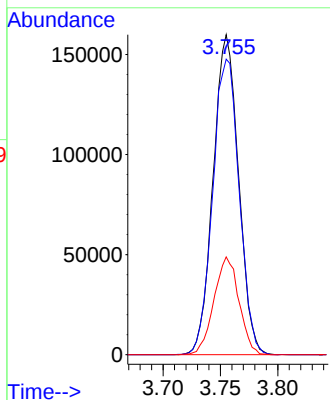
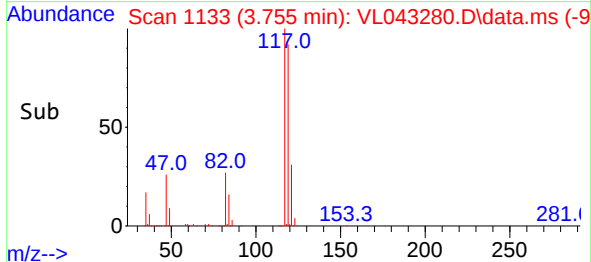
Instrument :
MSVOA_L
ClientSampleId :
VL1124ABS01



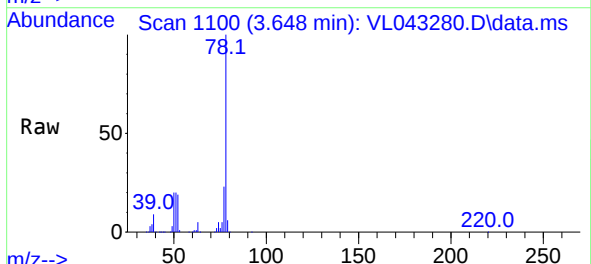
Tgt Ion:117 Resp: 246117
Ion Ratio Lower Upper
117 100
119 92.4 74.6 112.0
121 30.5 23.2 34.8

Manual Integrations
APPROVED

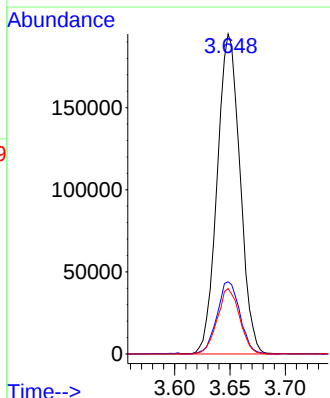
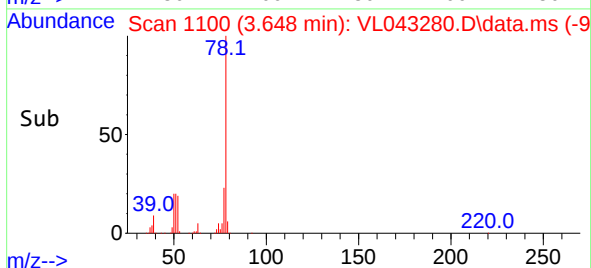
Reviewed By :Semsettin Yesilyurt 11/25/2025
Supervised By :Mahesh Dadoda 11/25/2025

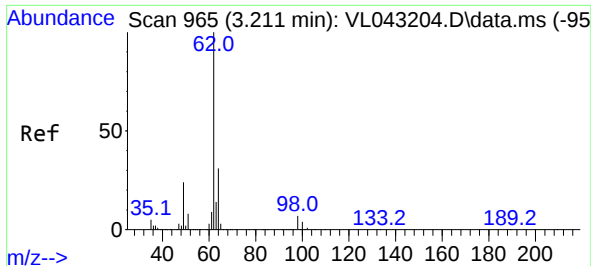


#36
Benzene
Concen: 10.697 ppbv
RT: 3.648 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VL043280.D
Acq: 24 Nov 2025 13:52



Tgt Ion: 78 Resp: 279506
Ion Ratio Lower Upper
78 100
77 22.5 17.5 26.3
50 20.4 15.5 23.3





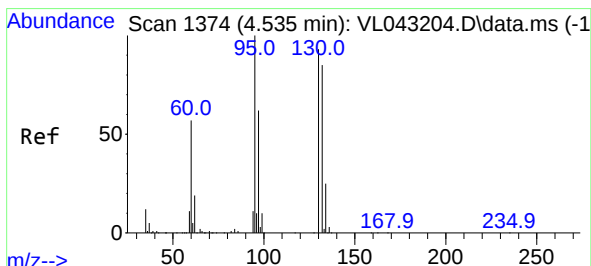
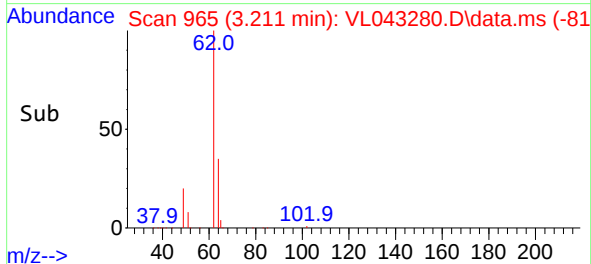
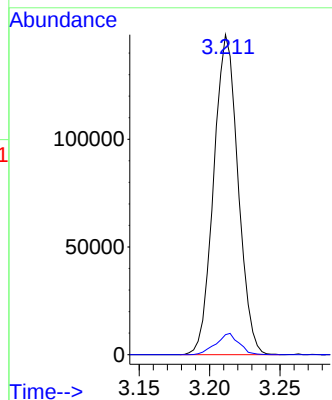
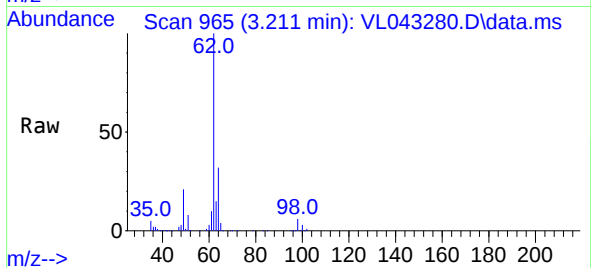
#37
1,2-Dichloroethane
Concen: 11.703 ppbv
RT: 3.211 min Scan# 965
Delta R.T. 0.000 min
Lab File: VL043280.D
Acq: 24 Nov 2025 13:52

Instrument :
MSVOA_L
ClientSampleId :
VL1124ABS01

Tgt Ion: 62 Resp: 17887
Ion Ratio Lower Upper
62 100
98 6.2 5.5 8.3

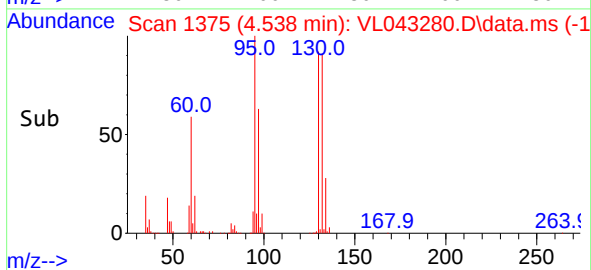
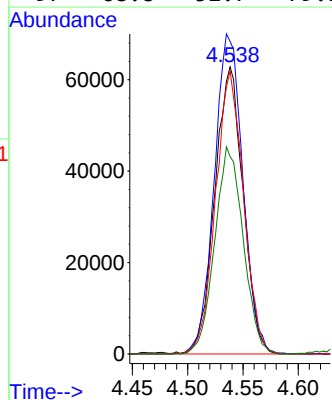
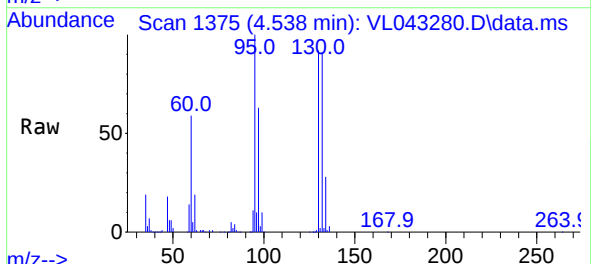
Manual Integrations
APPROVED

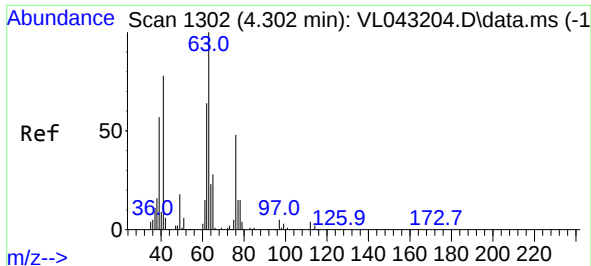
Reviewed By :Semsettin Yesilyurt 11/25/2025
Supervised By :Mahesh Dadoda 11/25/2025



#38
Trichloroethene
Concen: 10.979 ppbv
RT: 4.538 min Scan# 1375
Delta R.T. 0.003 min
Lab File: VL043280.D
Acq: 24 Nov 2025 13:52

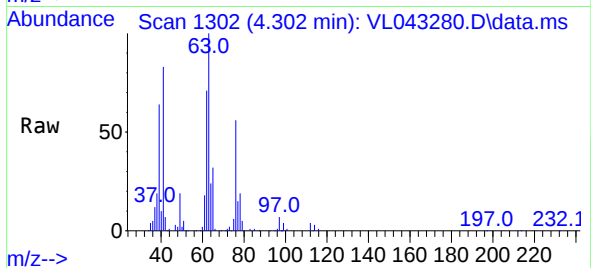
Tgt Ion:130 Resp: 112238
Ion Ratio Lower Upper
130 100
95 108.8 85.7 128.5
132 98.5 73.4 110.0
97 68.8 52.7 79.1





#39
1,2-Dichloropropane
Concen: 10.603 ppbv
RT: 4.302 min Scan# 1302
Delta R.T. 0.000 min
Lab File: VL043280.D
Acq: 24 Nov 2025 13:52

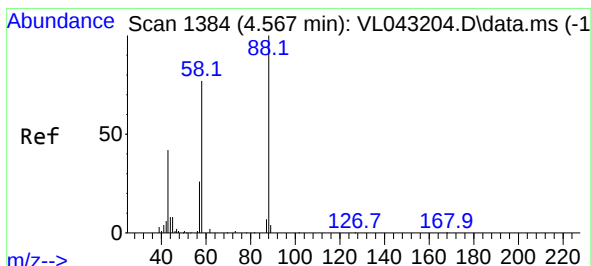
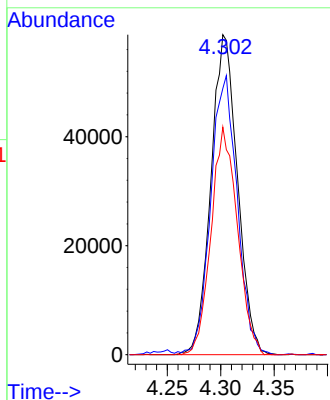
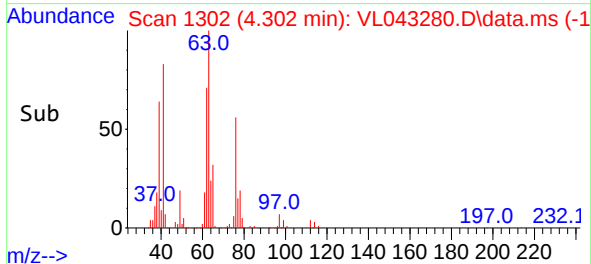
Instrument :
MSVOA_L
ClientSampleId :
VL1124ABS01



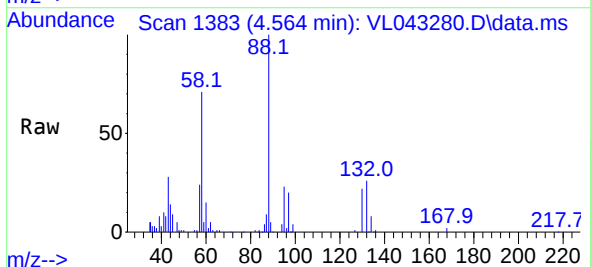
Tgt Ion: 63 Resp: 10140
Ion Ratio Lower Upper
63 100
41 83.2 62.6 93.8
62 71.1 51.0 76.6

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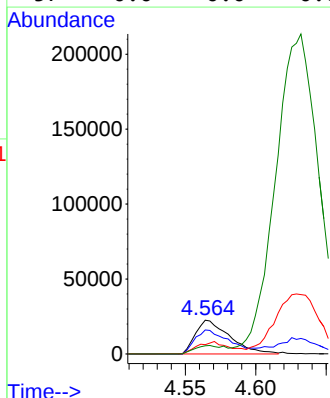
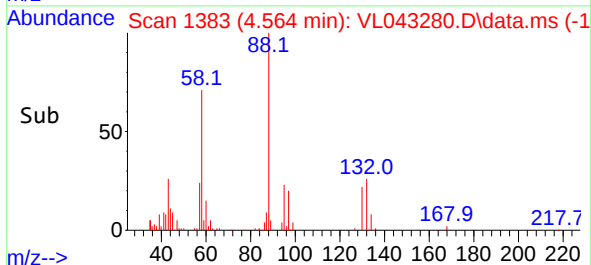
Reviewed By :Semsettin Yesilyurt 11/25/2025
Supervised By :Mahesh Dadoda 11/25/2025

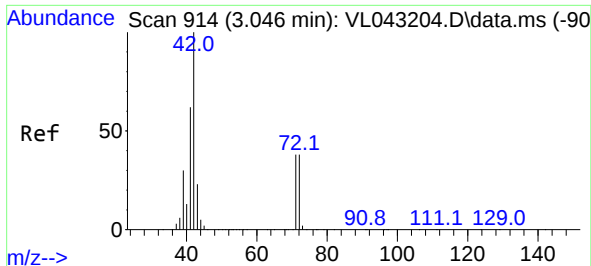


#40
1,4-Dioxane
Concen: 8.866 ppbv
RT: 4.564 min Scan# 1383
Delta R.T. -0.003 min
Lab File: VL043280.D
Acq: 24 Nov 2025 13:52



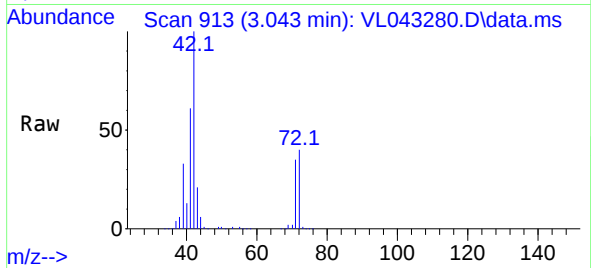
Tgt Ion: 88 Resp: 38115
Ion Ratio Lower Upper
88 100
58 74.6 63.0 94.6
43 35.5 32.5 48.7
57 0.0 0.0 0.0





#41
Tetrahydrofuran
Concen: 9.685 ppbv
RT: 3.043 min Scan# 914
Delta R.T. -0.003 min
Lab File: VL043280.D
Acq: 24 Nov 2025 13:52

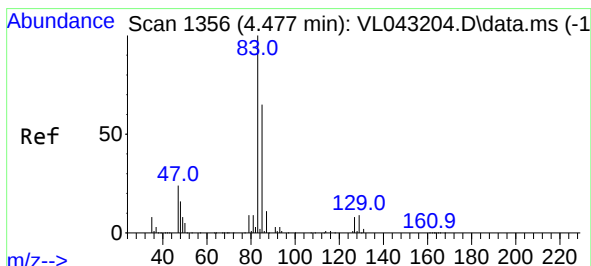
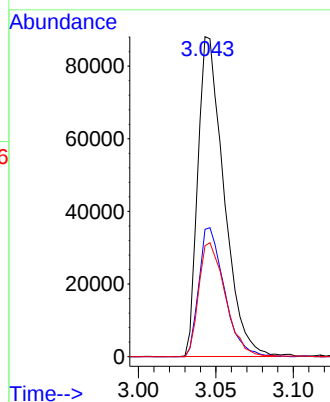
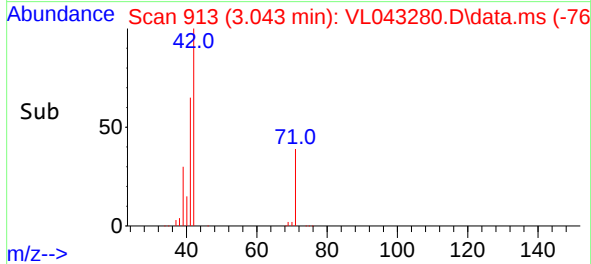
Instrument :
MSVOA_L
ClientSampleId :
VL1124ABS01



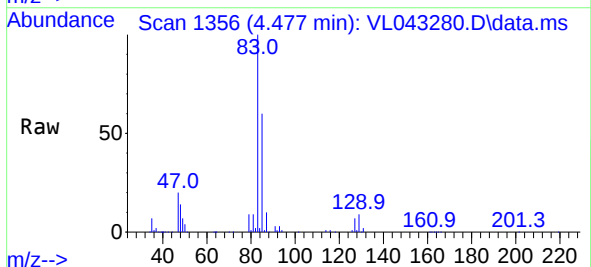
Tgt Ion: 42 Resp: 103010
Ion Ratio Lower Upper
42 100
72 39.7 30.6 46.0
71 36.6 30.5 45.7

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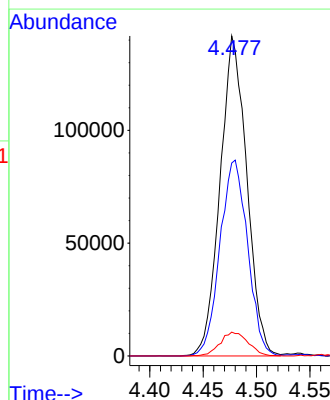
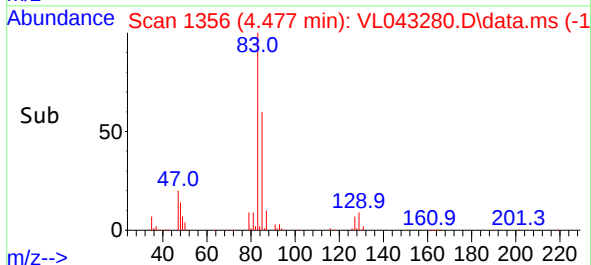
Reviewed By :Semsettin Yesilyurt 11/25/2025
Supervised By :Mahesh Dadoda 11/25/2025

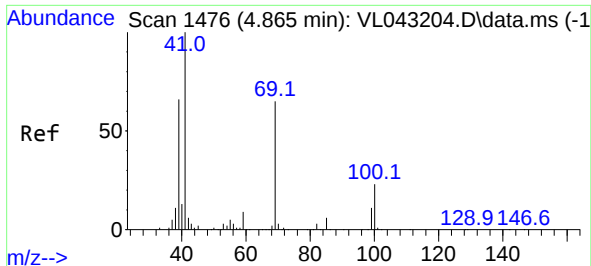


#42
Bromodichloromethane
Concen: 11.712 ppbv
RT: 4.477 min Scan# 1356
Delta R.T. 0.000 min
Lab File: VL043280.D
Acq: 24 Nov 2025 13:52



Tgt Ion: 83 Resp: 246932
Ion Ratio Lower Upper
83 100
85 60.3 51.7 77.5
127 7.5 6.3 9.5





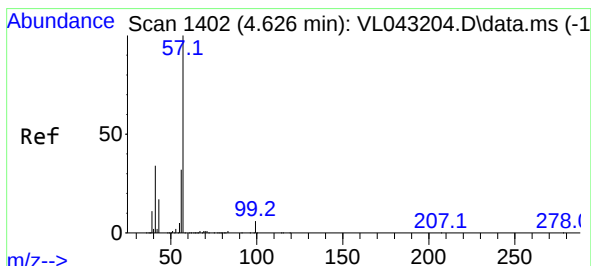
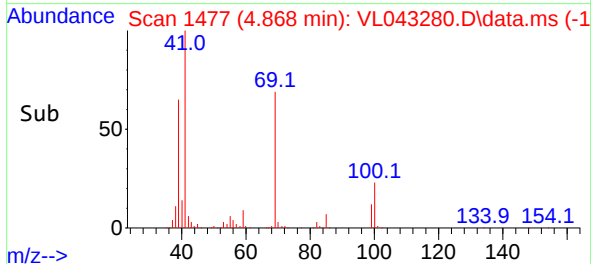
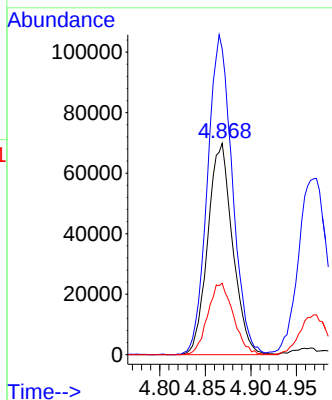
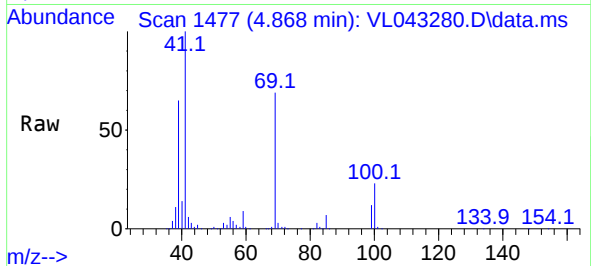
#43
Methyl Methacrylate
Concen: 9.558 ppbv
RT: 4.868 min Scan# 1476
Delta R.T. 0.003 min
Lab File: VL043280.D
Acq: 24 Nov 2025 13:52

Instrument :
MSVOA_L
ClientSampleId :
VL1124ABS01

Tgt Ion: 69 Resp: 132570
Ion Ratio Lower Upper
69 100
41 151.7 126.7 190.1
100 34.8 28.6 43.0

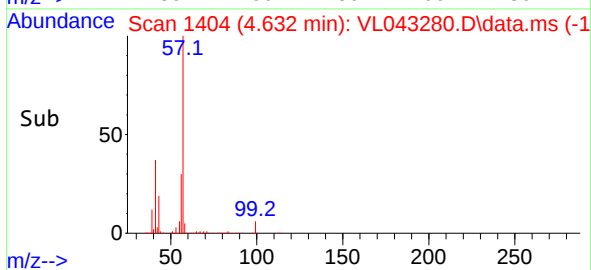
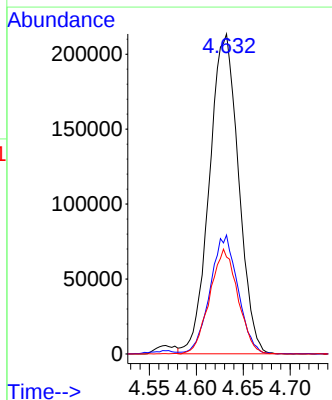
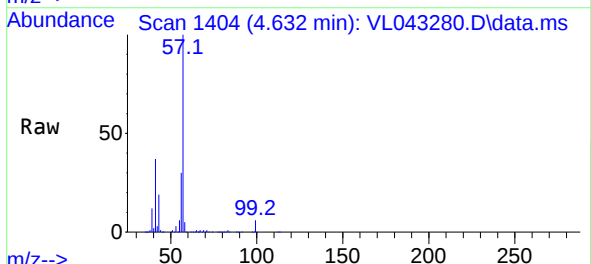
Manual Integrations
APPROVED

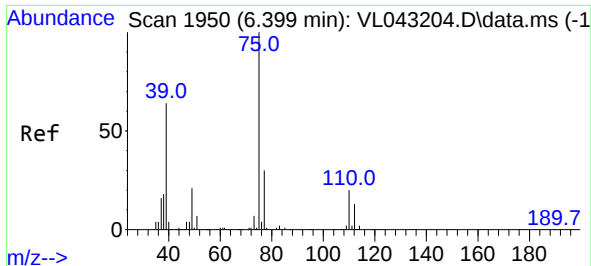
Reviewed By :Semsettin Yesilyurt 11/25/2025
Supervised By :Mahesh Dadoda 11/25/2025



#44
2,2,4-Trimethylpentane
Concen: 10.245 ppbv
RT: 4.632 min Scan# 1404
Delta R.T. 0.006 min
Lab File: VL043280.D
Acq: 24 Nov 2025 13:52

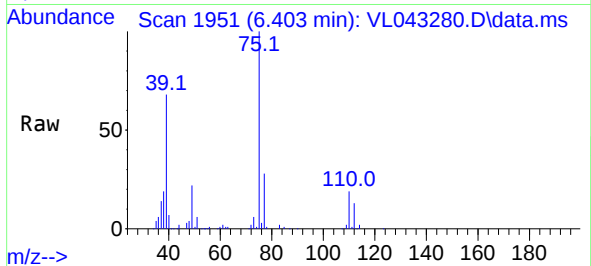
Tgt Ion: 57 Resp: 459765
Ion Ratio Lower Upper
57 100
41 35.6 28.0 42.0
56 31.8 25.6 38.4





#45
t-1,3-Dichloropropene
Concen: 8.017 ppbv
RT: 6.403 min Scan# 1951
Delta R.T. 0.003 min
Lab File: VL043280.D
Acq: 24 Nov 2025 13:52

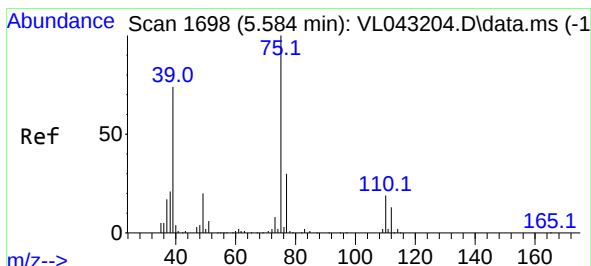
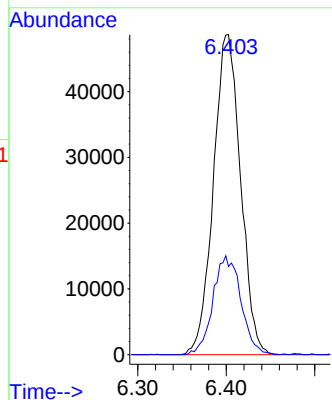
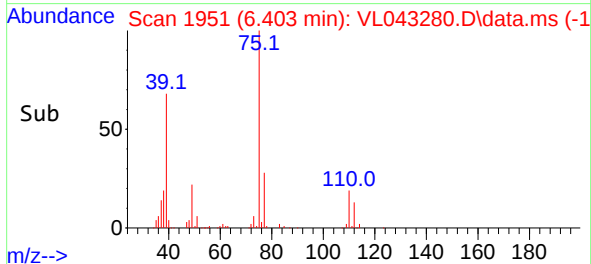
Instrument :
MSVOA_L
ClientSampleId :
VL1124ABS01



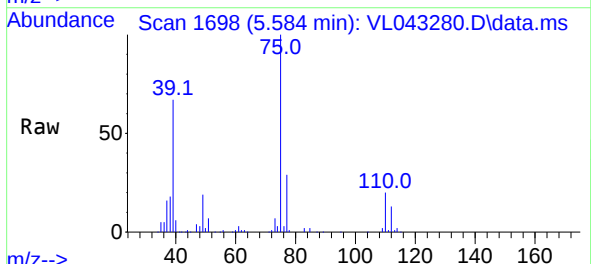
Tgt Ion: 75 Resp: 103648
Ion Ratio Lower Upper
75 100
77 27.6 24.3 36.5

Manual Integrations
APPROVED

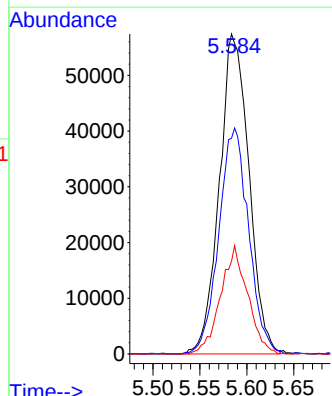
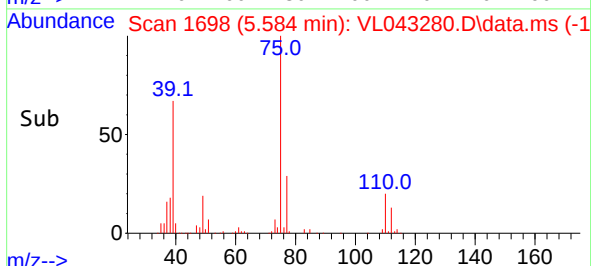
Reviewed By :Semsettin Yesilyurt 11/25/2025
Supervised By :Mahesh Dadoda 11/25/2025

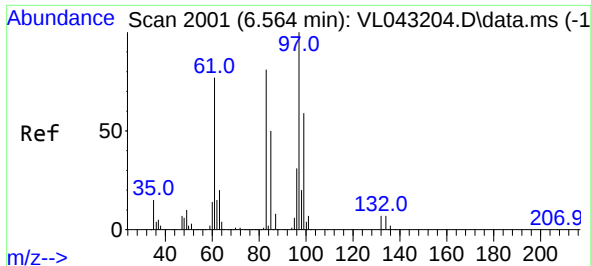


#46
cis-1,3-Dichloropropene
Concen: 8.277 ppbv
RT: 5.584 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VL043280.D
Acq: 24 Nov 2025 13:52



Tgt Ion: 75 Resp: 125652
Ion Ratio Lower Upper
75 100
39 67.4 59.1 88.7
77 29.0 24.2 36.2





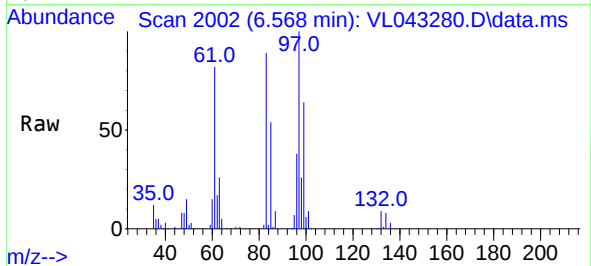
#47
1,1,2-Trichloroethane
Concen: 10.976 ppbv
RT: 6.568 min Scan# 2001
Delta R.T. 0.003 min
Lab File: VL043280.D
Acq: 24 Nov 2025 13:52

Instrument :

MSVOA_L

ClientSampleId :

VL1124ABS01

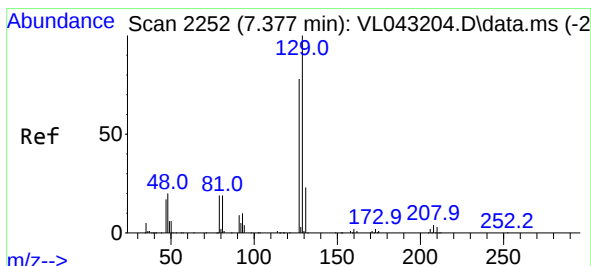
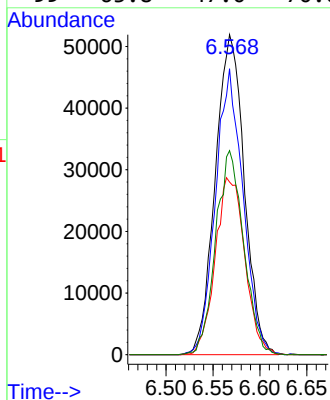
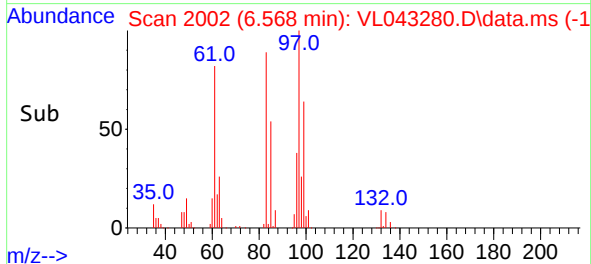


Tgt Ion: 97 Resp: 11140
Ion Ratio Lower Upper
97 100
83 89.4 64.6 97.0
85 54.0 39.4 59.2
99 63.8 47.0 70.6

Manual Integrations

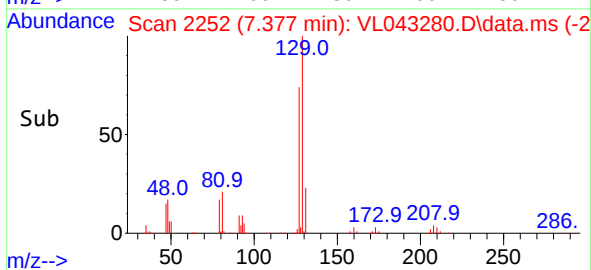
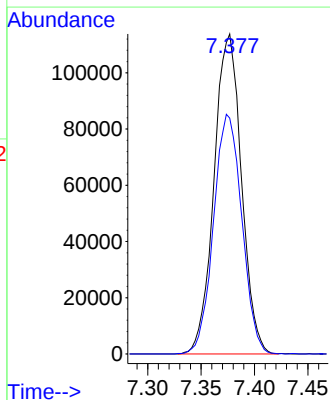
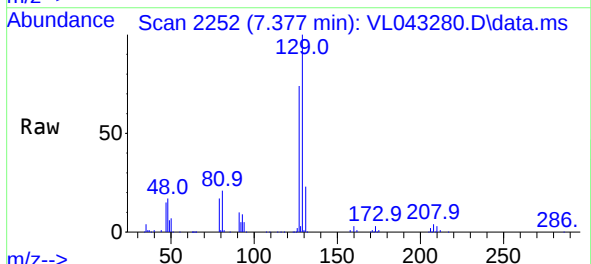
APPROVED

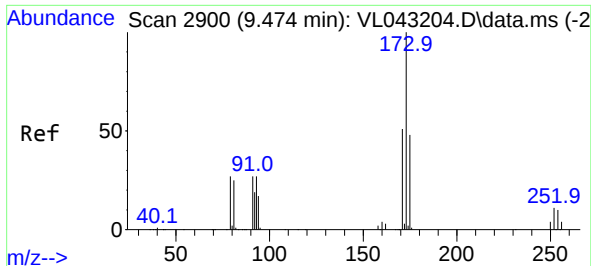
Reviewed By :Semsettin Yesilyurt 11/25/2025
Supervised By :Mahesh Dadoda 11/25/2025



#48
Dibromochloromethane
Concen: 11.640 ppbv
RT: 7.377 min Scan# 2252
Delta R.T. 0.000 min
Lab File: VL043280.D
Acq: 24 Nov 2025 13:52

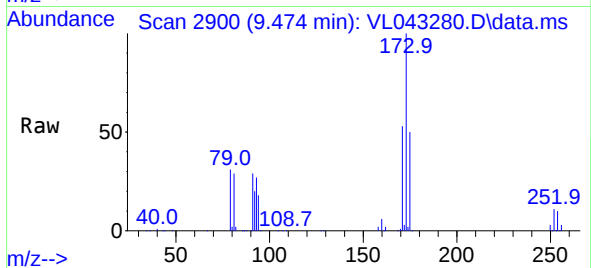
Tgt Ion:129 Resp: 203117
Ion Ratio Lower Upper
129 100
127 77.3 39.3 117.9





#49
Bromoform
Concen: 11.633 ppbv
RT: 9.474 min Scan# 2900
Delta R.T. 0.000 min
Lab File: VL043280.D
Acq: 24 Nov 2025 13:52

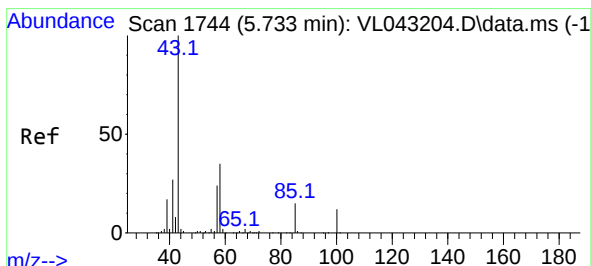
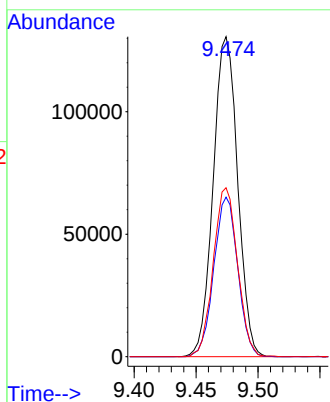
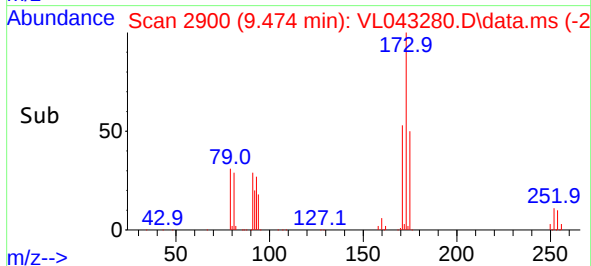
Instrument :
MSVOA_L
ClientSampleId :
VL1124ABS01



Tgt Ion:173 Resp: 179808
Ion Ratio Lower Upper
173 100
175 48.7 38.6 58.0
171 52.3 40.6 61.0

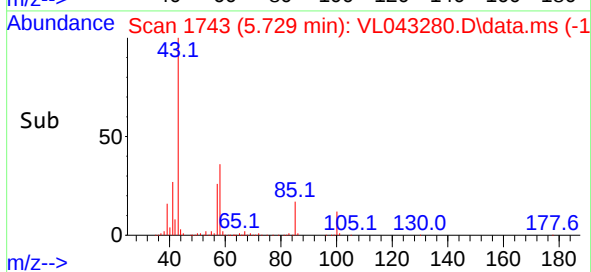
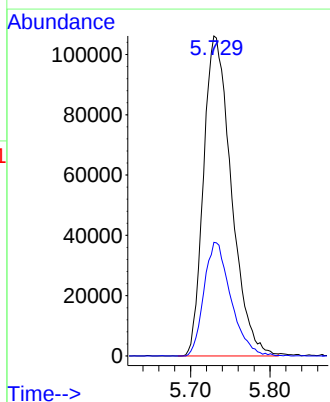
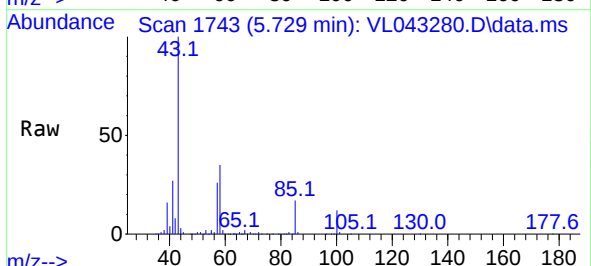
Manual Integrations
APPROVED

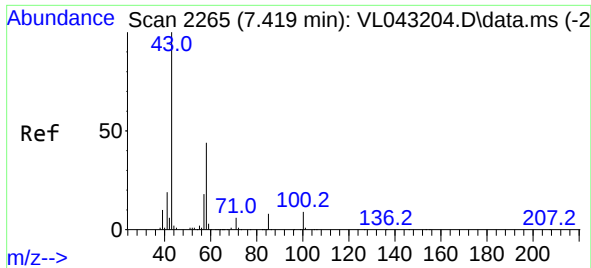
Reviewed By :Semsettin Yesilyurt 11/25/2025
Supervised By :Mahesh Dadoda 11/25/2025



#50
4-Methyl-2-Pentanone
Concen: 9.505 ppbv
RT: 5.729 min Scan# 1743
Delta R.T. -0.003 min
Lab File: VL043280.D
Acq: 24 Nov 2025 13:52

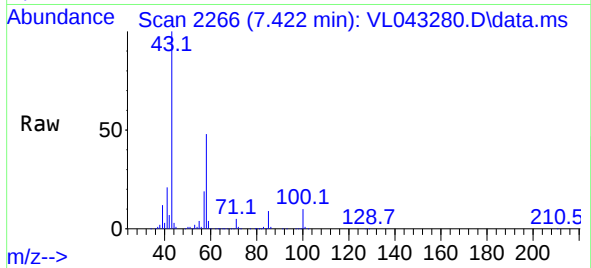
Tgt Ion: 43 Resp: 257888
Ion Ratio Lower Upper
43 100
58 34.4 28.4 42.6





#51
2-Hexanone
Concen: 8.777 ppbv
RT: 7.422 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL043280.D
Acq: 24 Nov 2025 13:52

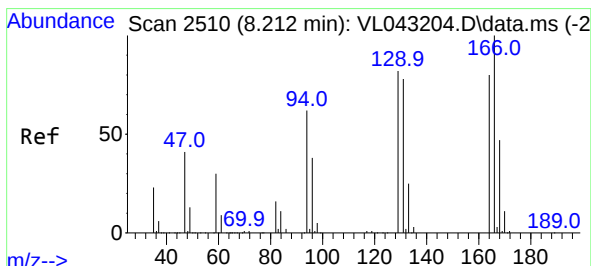
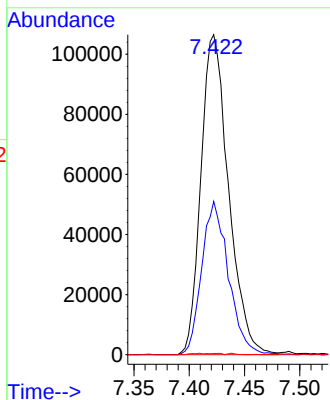
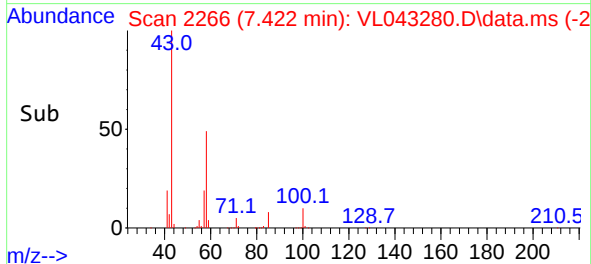
Instrument :
MSVOA_L
ClientSampleId :
VL1124ABS01



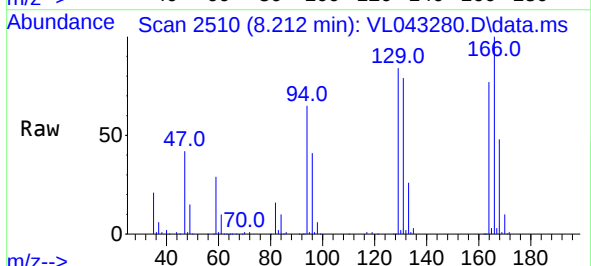
Tgt Ion: 43 Resp: 184928
Ion Ratio Lower Upper
43 100
58 46.5 38.4 57.6
98 0.5 0.0 0.0

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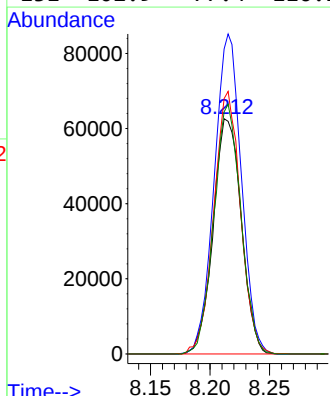
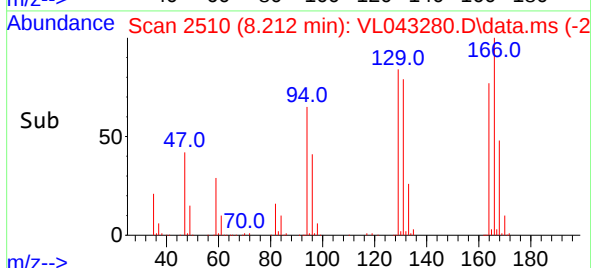
Reviewed By :Semsettin Yesilyurt 11/25/2025
Supervised By :Mahesh Dadoda 11/25/2025

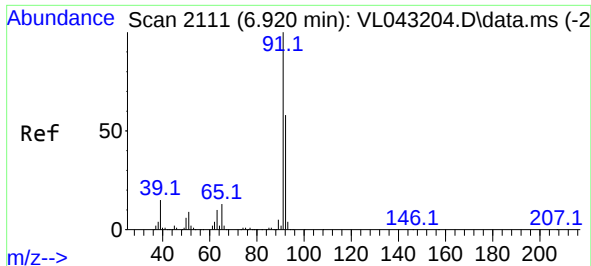


#52
Tetrachloroethene
Concen: 10.563 ppbv
RT: 8.212 min Scan# 2510
Delta R.T. 0.000 min
Lab File: VL043280.D
Acq: 24 Nov 2025 13:52



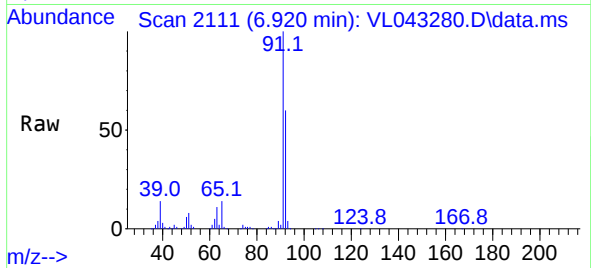
Tgt Ion:164 Resp: 102674
Ion Ratio Lower Upper
164 100
166 129.7 99.4 149.2
129 108.4 81.8 122.8
131 102.9 77.4 116.2





#53
Toluene
Concen: 10.193 ppbv
RT: 6.920 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VL043280.D
Acq: 24 Nov 2025 13:52

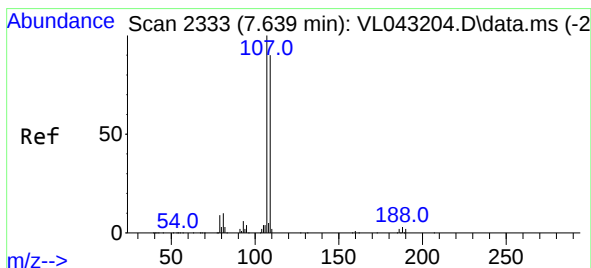
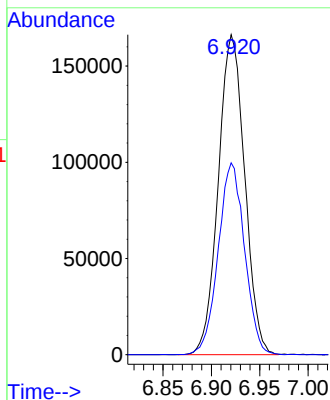
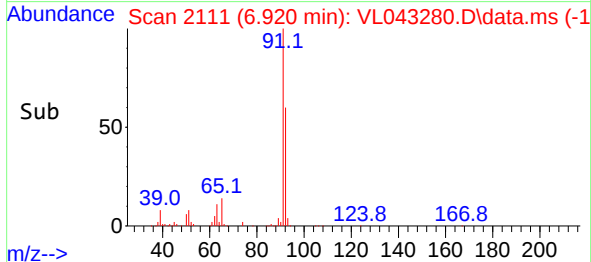
Instrument :
MSVOA_L
ClientSampleId :
VL1124ABS01



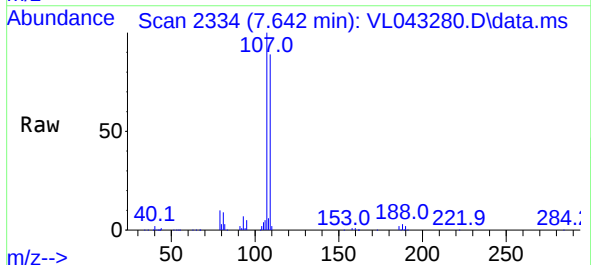
Tgt Ion: 91 Resp: 315380
Ion Ratio Lower Upper
91 100
92 59.9 47.4 71.0

Manual Integrations
APPROVED

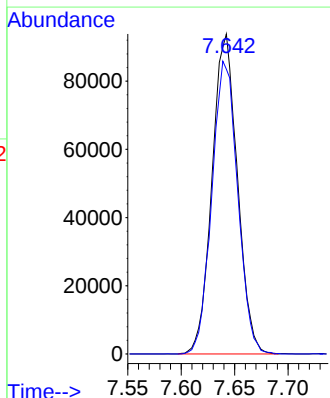
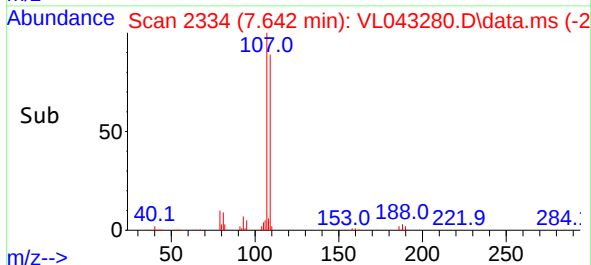
Reviewed By :Semsettin Yesilyurt 11/25/2025
Supervised By :Mahesh Dadoda 11/25/2025

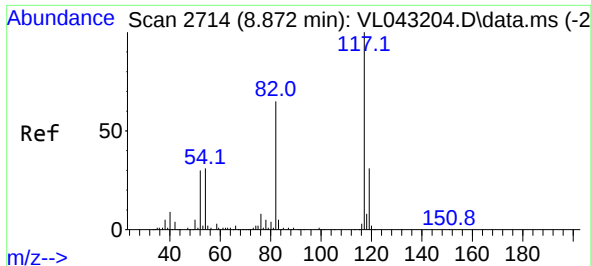


#54
1,2-Dibromoethane
Concen: 10.366 ppbv
RT: 7.642 min Scan# 2334
Delta R.T. 0.003 min
Lab File: VL043280.D
Acq: 24 Nov 2025 13:52



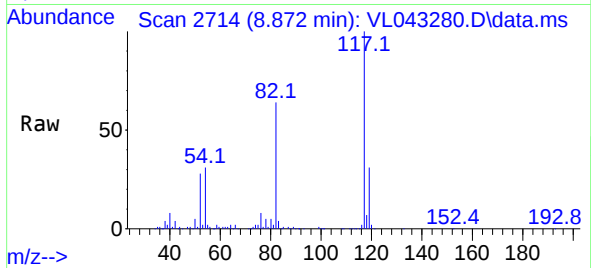
Tgt Ion:107 Resp: 154824
Ion Ratio Lower Upper
107 100
109 89.0 72.1 108.1





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.872 min Scan# 2714
Delta R.T. 0.000 min
Lab File: VL043280.D
Acq: 24 Nov 2025 13:52

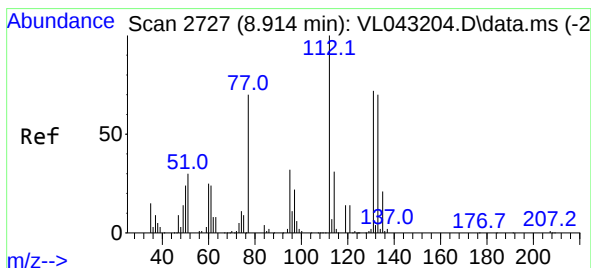
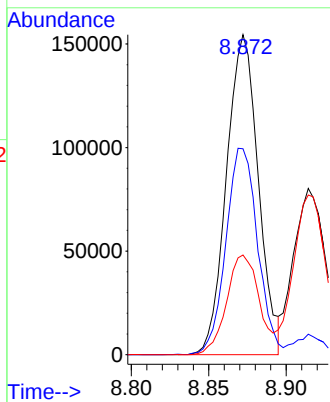
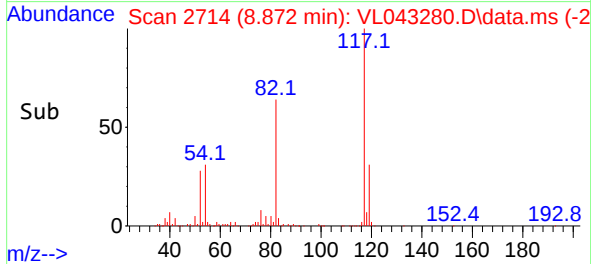
Instrument :
MSVOA_L
ClientSampleId :
VL1124ABS01



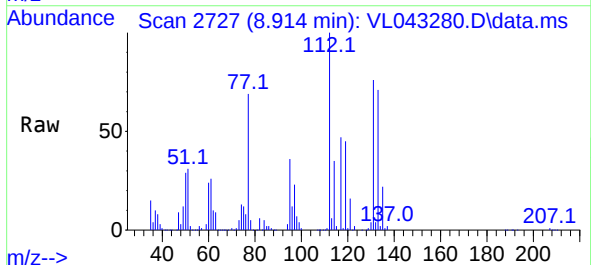
Tgt Ion:117 Resp: 221036
Ion Ratio Lower Upper
117 100
82 70.2 56.1 84.1
119 30.8 25.0 37.6

Manual Integrations
APPROVED

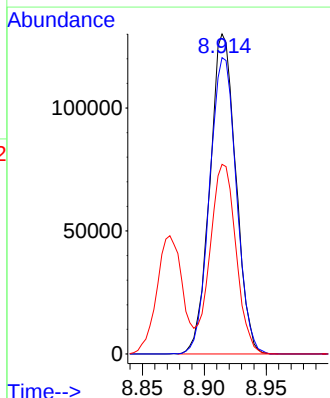
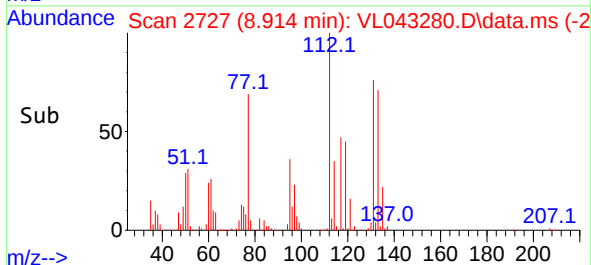
Reviewed By :Semsettin Yesilyurt 11/25/2025
Supervised By :Mahesh Dadoda 11/25/2025

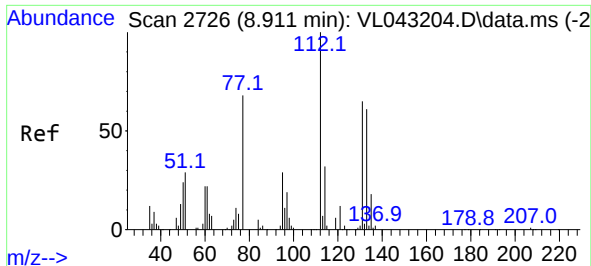


#56
1,1,1,2-Tetrachloroethane
Concen: 11.700 ppbv
RT: 8.914 min Scan# 2727
Delta R.T. 0.000 min
Lab File: VL043280.D
Acq: 24 Nov 2025 13:52



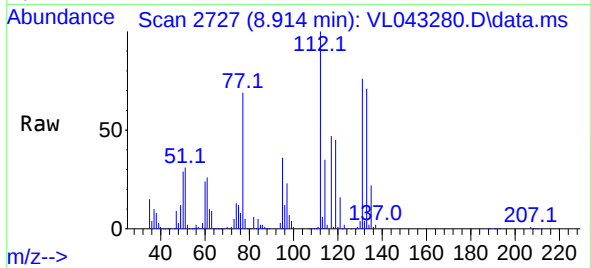
Tgt Ion:131 Resp: 190059
Ion Ratio Lower Upper
131 100
133 95.5 77.4 116.2
119 59.3 49.1 73.7





#57
Chlorobenzene
Concen: 11.045 ppbv
RT: 8.914 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL043280.D
Acq: 24 Nov 2025 13:52

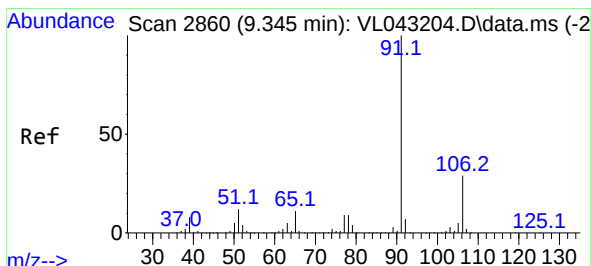
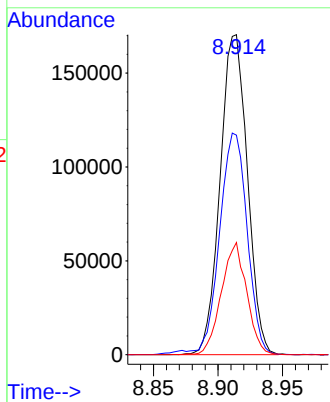
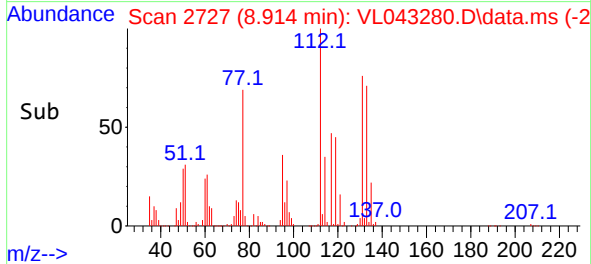
Instrument :
MSVOA_L
ClientSampleId :
VL1124ABS01



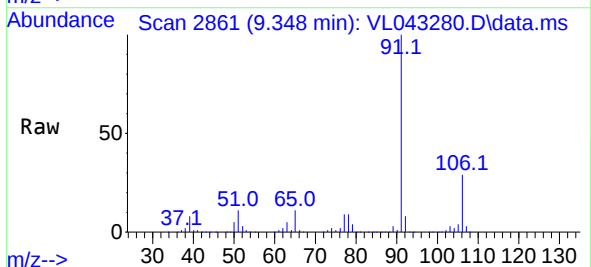
Tgt Ion:112 Resp: 250652
Ion Ratio Lower Upper
112 100
77 68.5 55.5 83.3
114 35.0 29.1 35.5

Manual Integrations
APPROVED

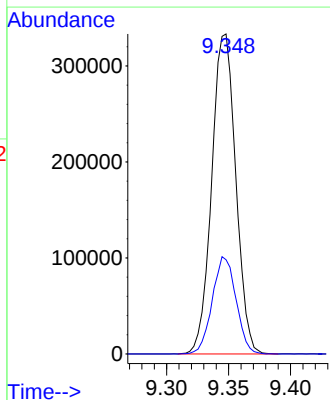
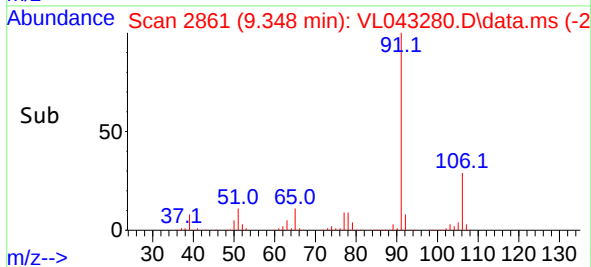
Reviewed By :Semsettin Yesilyurt 11/25/2025
Supervised By :Mahesh Dadoda 11/25/2025

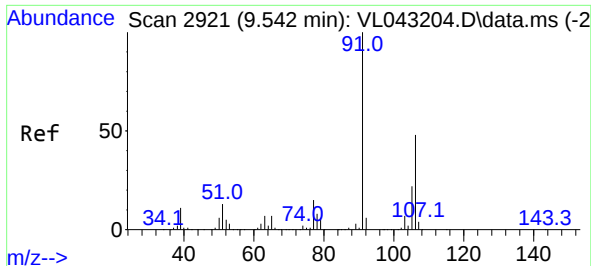


#58
Ethyl Benzene
Concen: 10.609 ppbv
RT: 9.348 min Scan# 2861
Delta R.T. 0.003 min
Lab File: VL043280.D
Acq: 24 Nov 2025 13:52



Tgt Ion: 91 Resp: 451322
Ion Ratio Lower Upper
91 100
106 29.5 22.8 34.2





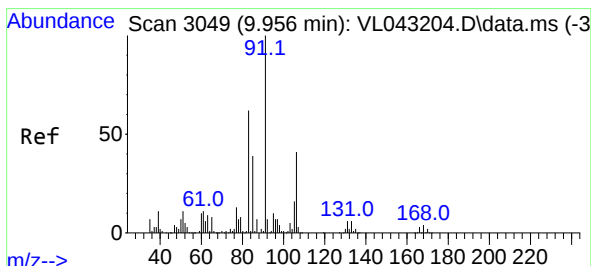
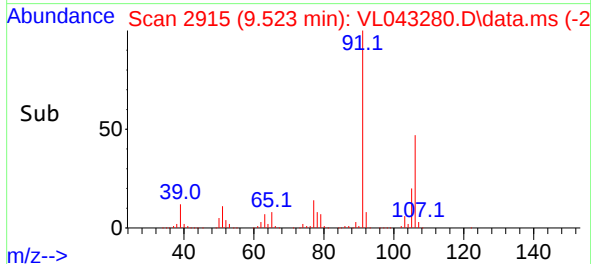
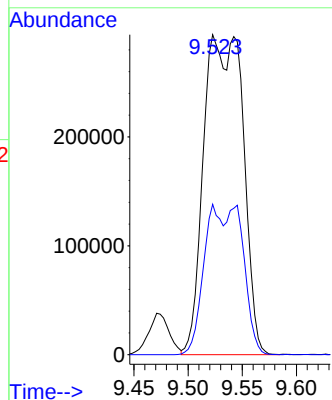
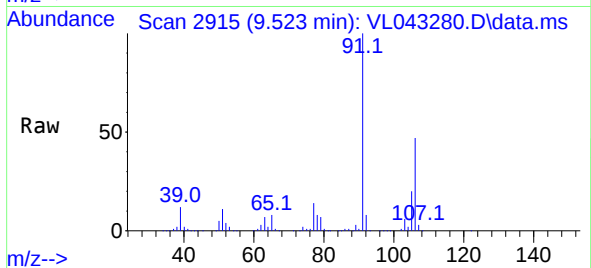
#59
m/p-Xylene
Concen: 21.791 ppbv m
RT: 9.523 min Scan# 2921
Delta R.T. -0.019 min
Lab File: VL043280.D
Acq: 24 Nov 2025 13:52

Instrument :
MSVOA_L
ClientSampleId :
VL1124ABS01

Tgt Ion: 91 Resp: 74326
Ion Ratio Lower Upper
91 100
106 0.0 36.1 54.1

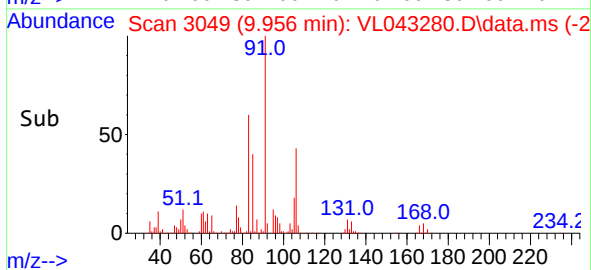
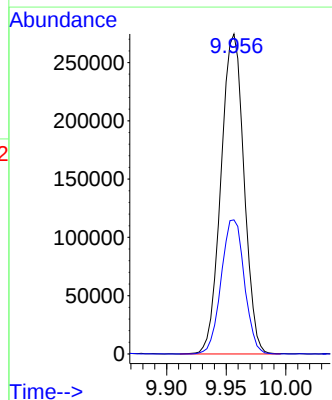
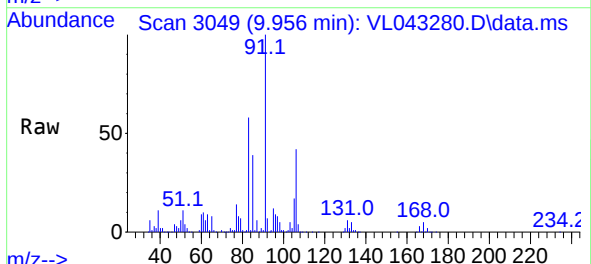
Manual Integrations
APPROVED

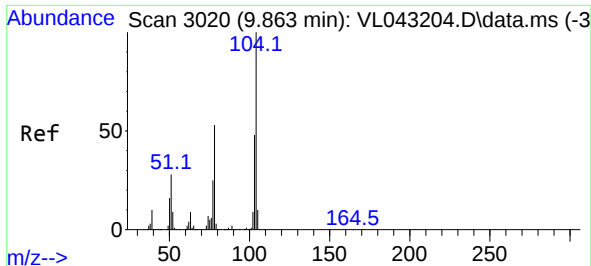
Reviewed By :Semsettin Yesilyurt 11/25/2025
Supervised By :Mahesh Dadoda 11/25/2025



#60
o-Xylene
Concen: 10.794 ppbv
RT: 9.956 min Scan# 3049
Delta R.T. 0.000 min
Lab File: VL043280.D
Acq: 24 Nov 2025 13:52

Tgt Ion: 91 Resp: 367807
Ion Ratio Lower Upper
91 100
106 42.3 20.9 62.8





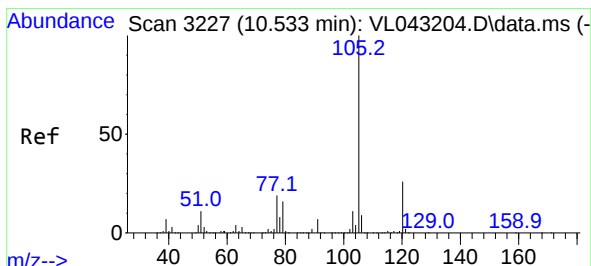
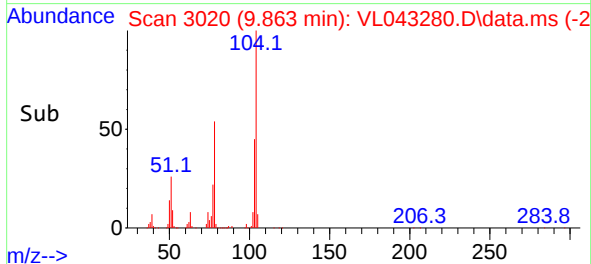
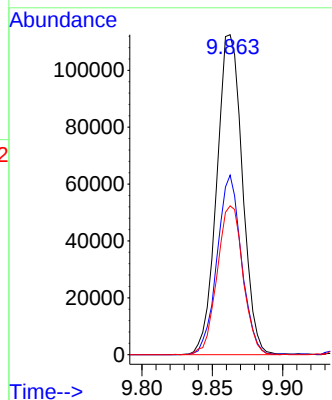
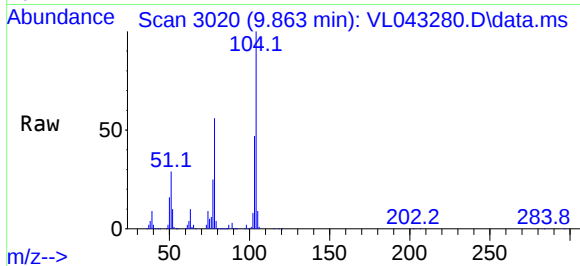
#61
Styrene
Concen: 9.583 ppbv
RT: 9.863 min Scan# 3020
Delta R.T. 0.000 min
Lab File: VL043280.D
Acq: 24 Nov 2025 13:52

Instrument :
MSVOA_L
ClientSampleId :
VL1124ABS01

Tgt Ion:104 Resp: 142907
Ion Ratio Lower Upper
104 100
78 53.5 42.1 63.1
103 46.8 37.2 55.8

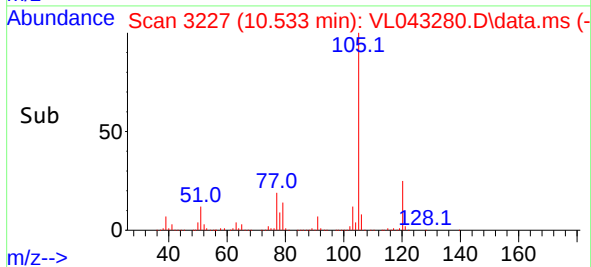
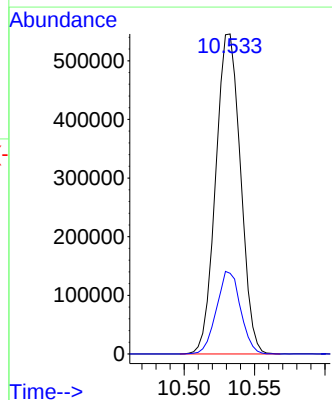
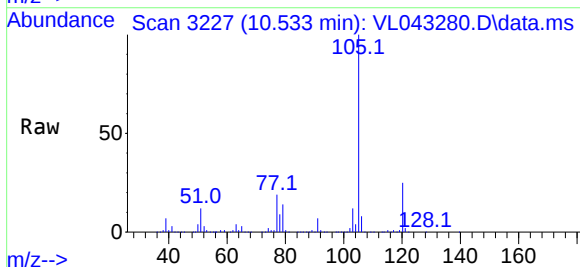
Manual Integrations
APPROVED

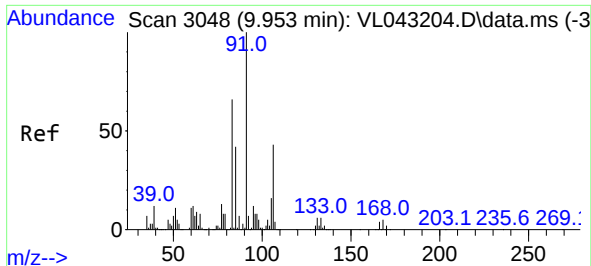
Reviewed By :Semsettin Yesilyurt 11/25/2025
Supervised By :Mahesh Dadoda 11/25/2025



#62
Isopropylbenzene
Concen: 10.984 ppbv
RT: 10.533 min Scan# 3227
Delta R.T. 0.000 min
Lab File: VL043280.D
Acq: 24 Nov 2025 13:52

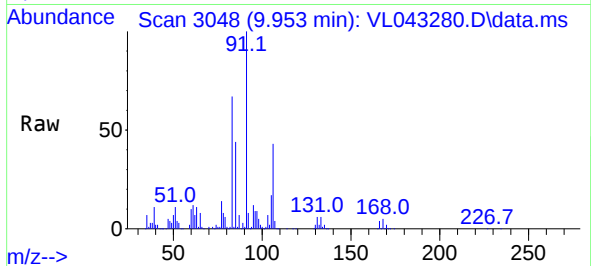
Tgt Ion:105 Resp: 669597
Ion Ratio Lower Upper
105 100
120 25.0 19.8 29.8





#63
1,1,2,2-Tetrachloroethane
Concen: 10.489 ppbv
RT: 9.953 min Scan# 3048
Delta R.T. 0.000 min
Lab File: VL043280.D
Acq: 24 Nov 2025 13:52

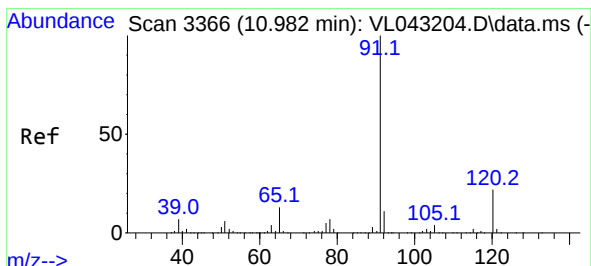
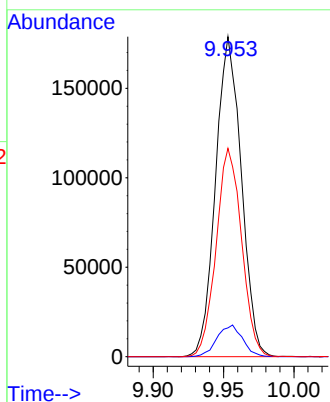
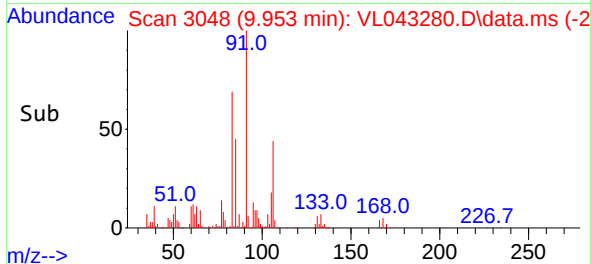
Instrument :
MSVOA_L
ClientSampleId :
VL1124ABS01



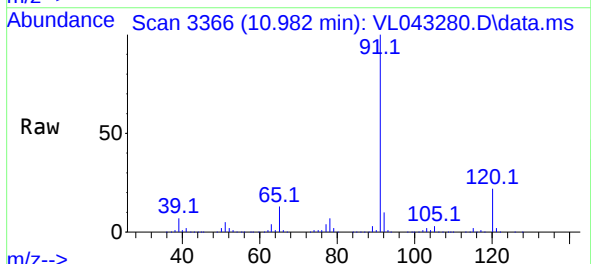
Tgt Ion: 83 Resp: 227409
Ion Ratio Lower Upper
83 100
131 9.9 4.8 14.3
85 64.4 31.9 95.9

Manual Integrations
APPROVED

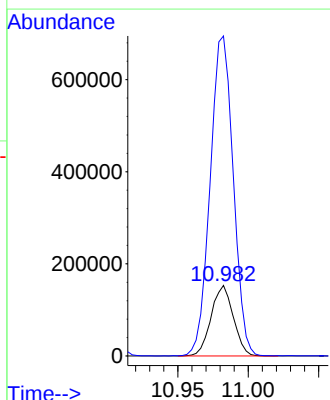
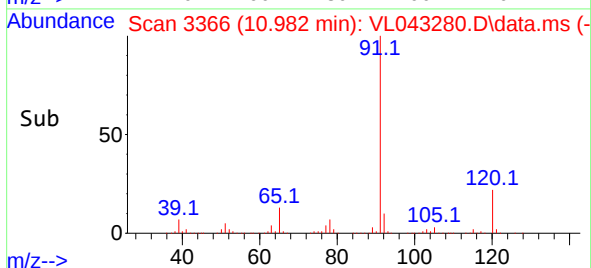
Reviewed By :Semsettin Yesilyurt 11/25/2025
Supervised By :Mahesh Dadoda 11/25/2025

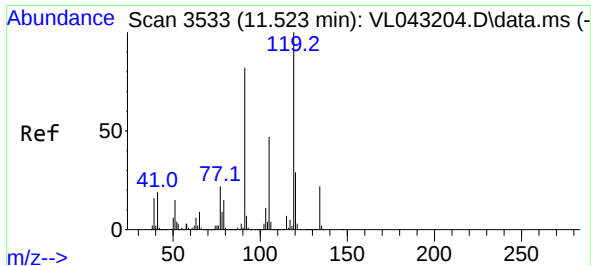


#64
n-propylbenzene
Concen: 10.701 ppbv
RT: 10.982 min Scan# 3366
Delta R.T. 0.000 min
Lab File: VL043280.D
Acq: 24 Nov 2025 13:52



Tgt Ion:120 Resp: 167620
Ion Ratio Lower Upper
120 100
91 474.3 377.1 565.7





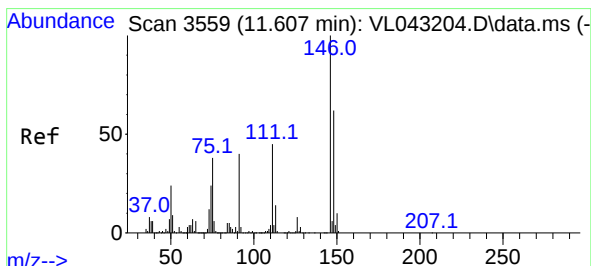
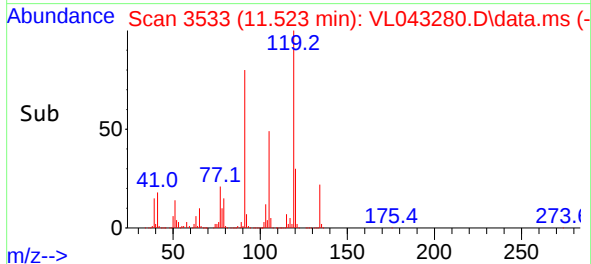
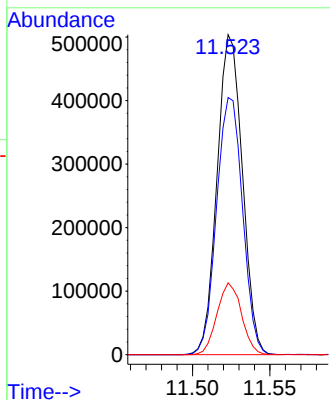
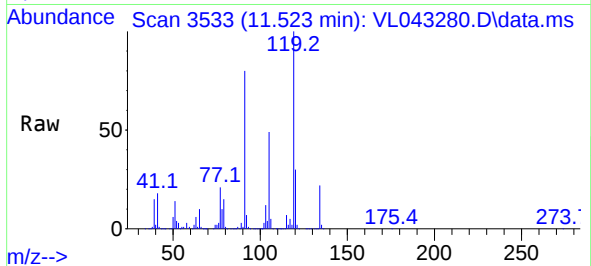
#65
tert-Butylbenzene
Concen: 10.526 ppbv
RT: 11.523 min Scan# 3533
Delta R.T. 0.000 min
Lab File: VL043280.D
Acq: 24 Nov 2025 13:52

Instrument :
MSVOA_L
ClientSampleId :
VL1124ABS01

Tgt Ion: 119 Resp: 573049
Ion Ratio Lower Upper
119 100
91 82.6 65.3 97.9
134 21.7 17.0 25.4

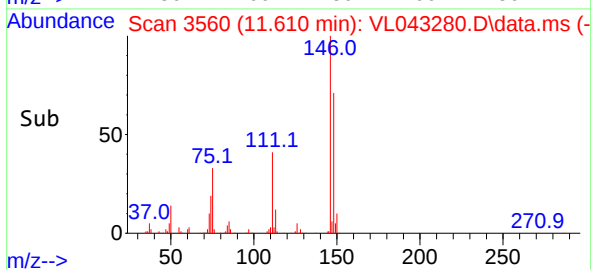
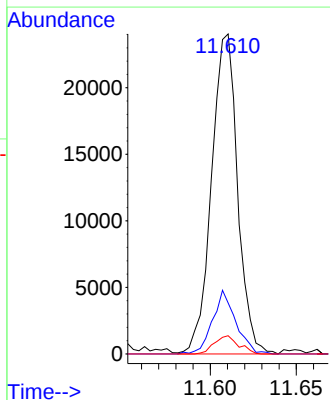
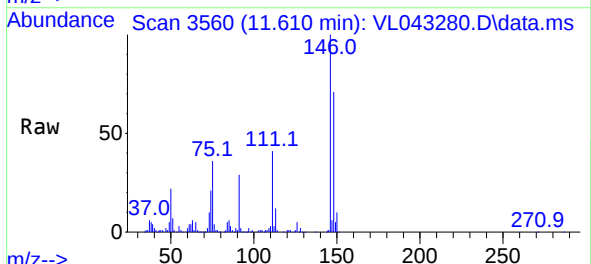
Manual Integrations
APPROVED

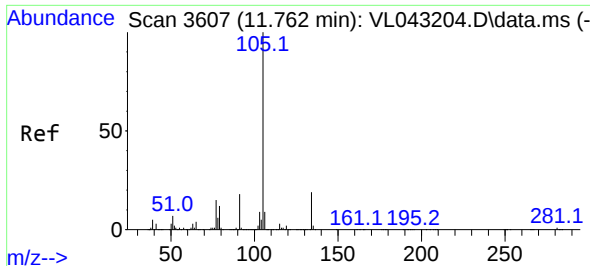
Reviewed By :Semsettin Yesilyurt 11/25/2025
Supervised By :Mahesh Dadoda 11/25/2025



#66
Benzyl Chloride
Concen: 4.585 ppbv
RT: 11.610 min Scan# 3560
Delta R.T. 0.003 min
Lab File: VL043280.D
Acq: 24 Nov 2025 13:52

Tgt Ion: 91 Resp: 25332
Ion Ratio Lower Upper
91 100
126 17.8 14.4 21.6
128 5.3 4.6 6.8





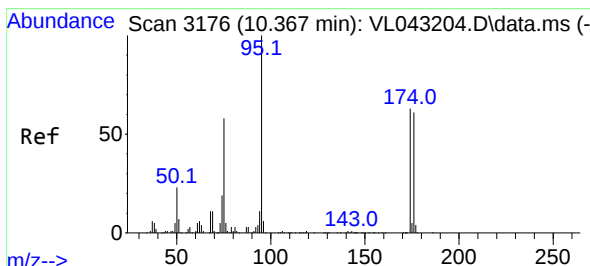
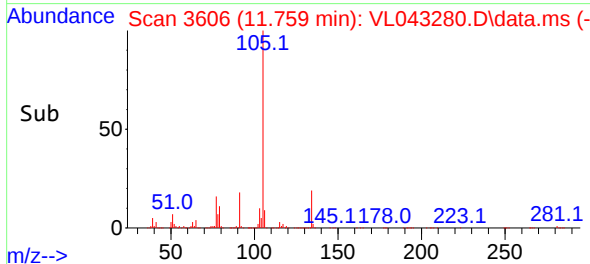
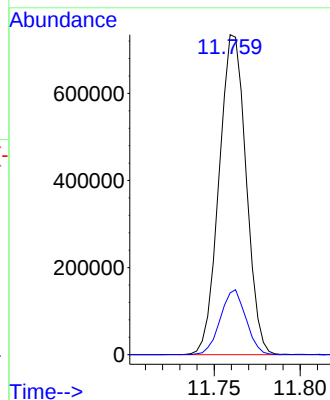
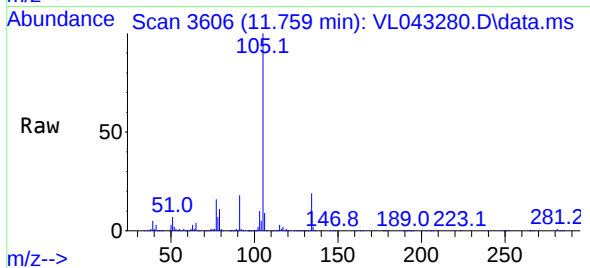
#67
 sec-Butylbenzene
 Concen: 10.559 ppbv
 RT: 11.759 min Scan# 3066
 Delta R.T. -0.003 min
 Lab File: VL043280.D
 Acq: 24 Nov 2025 13:52

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1124ABS01

Tgt Ion:105 Resp: 802399
 Ion Ratio Lower Upper
 105 100
 134 19.3 15.0 22.6

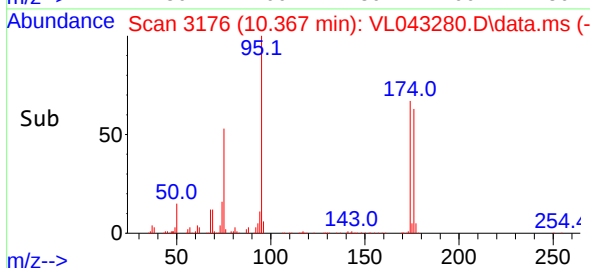
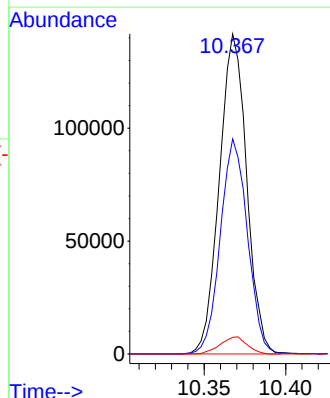
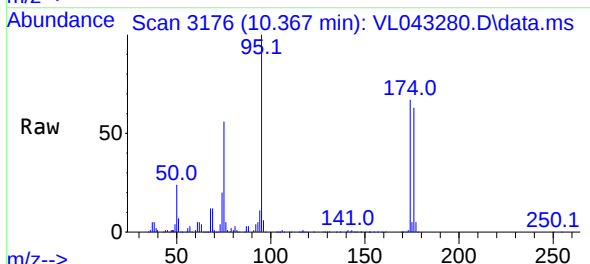
Manual Integrations
 APPROVED

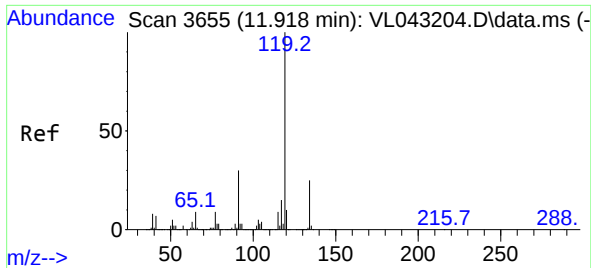
Reviewed By :Semsettin Yesilyurt 11/25/2025
 Supervised By :Mahesh Dadoda 11/25/2025



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.175 ppbv
 RT: 10.367 min Scan# 3176
 Delta R.T. 0.000 min
 Lab File: VL043280.D
 Acq: 24 Nov 2025 13:52

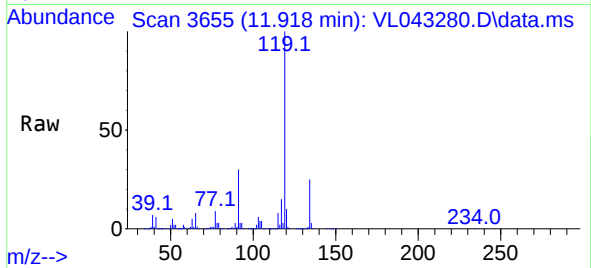
Tgt Ion: 95 Resp: 164851
 Ion Ratio Lower Upper
 95 100
 174 67.0 50.2 75.2
 175 5.3 4.1 6.1





#69
p-Isopropyltoluene
Concen: 10.349 ppbv
RT: 11.918 min Scan# 3655
Delta R.T. 0.000 min
Lab File: VL043280.D
Acq: 24 Nov 2025 13:52

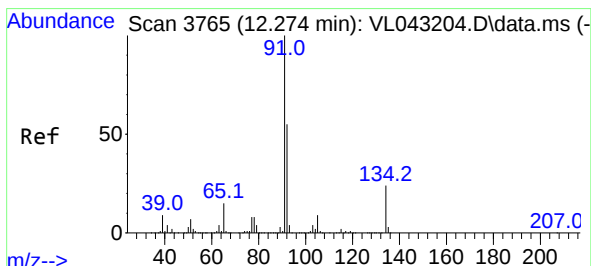
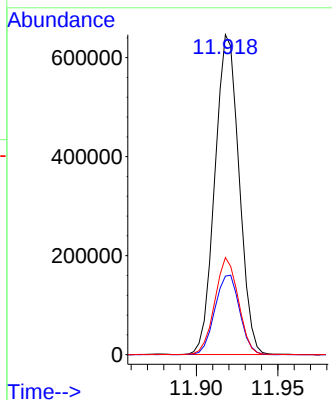
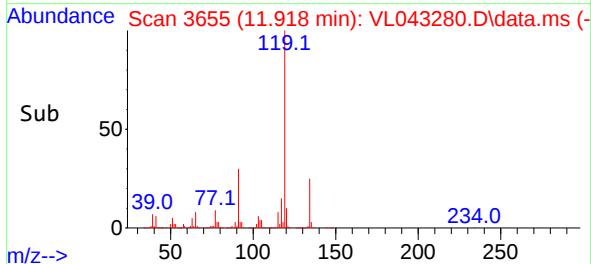
Instrument :
MSVOA_L
ClientSampleId :
VL1124ABS01



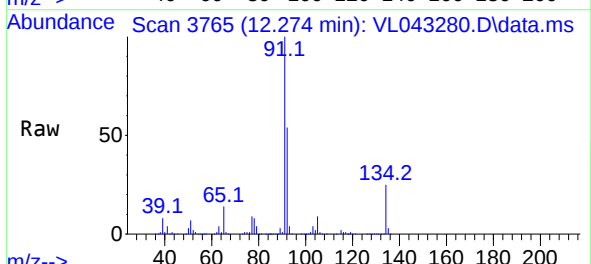
Tgt Ion:119 Resp: 666208
Ion Ratio Lower Upper
119 100
134 25.5 20.2 30.2
91 29.8 23.8 35.8

Manual Integrations
APPROVED

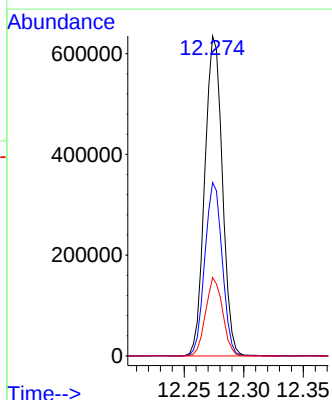
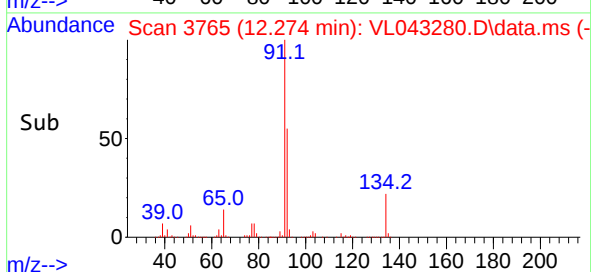
Reviewed By :Semsettin Yesilyurt 11/25/2025
Supervised By :Mahesh Dadoda 11/25/2025

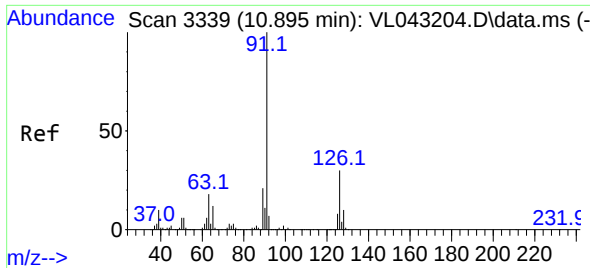


#70
n-Butylbenzene
Concen: 10.465 ppbv
RT: 12.274 min Scan# 3765
Delta R.T. 0.000 min
Lab File: VL043280.D
Acq: 24 Nov 2025 13:52



Tgt Ion: 91 Resp: 653544
Ion Ratio Lower Upper
91 100
92 53.7 43.5 65.3
134 23.8 19.0 28.6





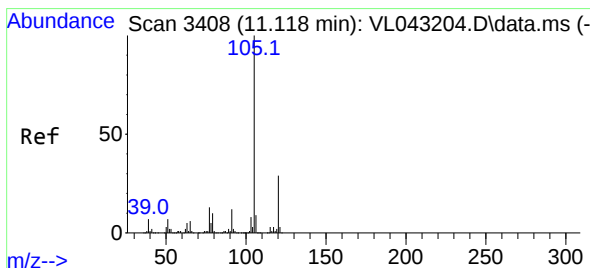
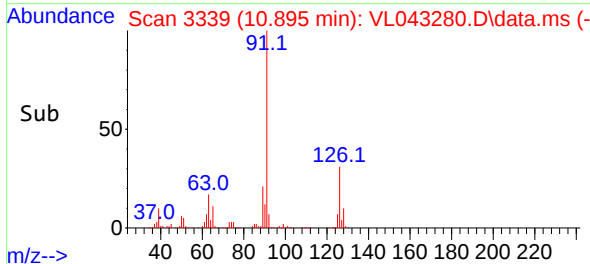
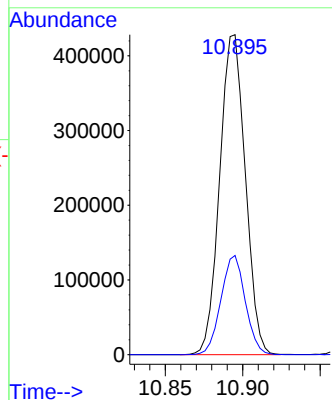
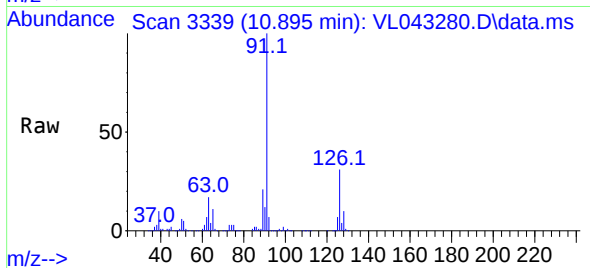
#71
2-Chlorotoluene
Concen: 10.511 ppbv
RT: 10.895 min Scan# 311
Delta R.T. 0.000 min
Lab File: VL043280.D
Acq: 24 Nov 2025 13:52

Instrument :
MSVOA_L
ClientSampleId :
VL1124ABS01

Tgt Ion: 91 Resp: 49249
Ion Ratio Lower Upper
91 100
126 29.5 11.7 46.7

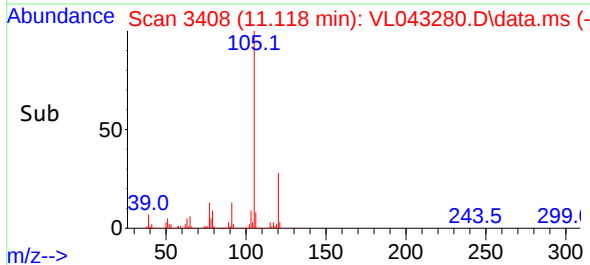
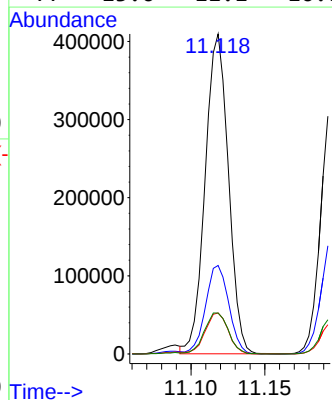
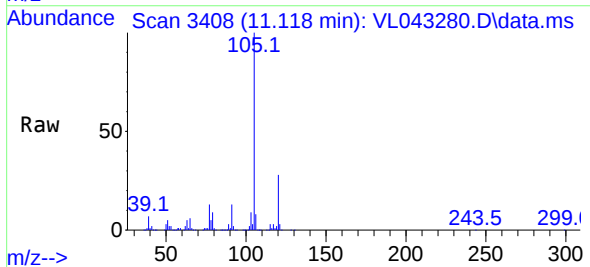
Manual Integrations
APPROVED

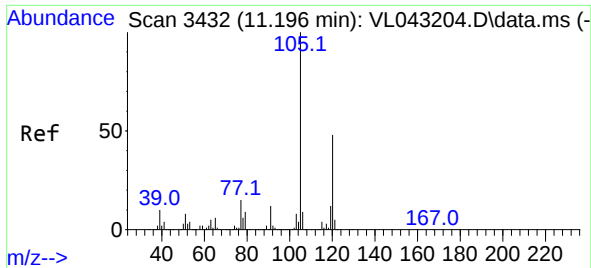
Reviewed By :Semsettin Yesilyurt 11/25/2025
Supervised By :Mahesh Dadoda 11/25/2025



#72
4-Ethyltoluene
Concen: 10.803 ppbv
RT: 11.118 min Scan# 3408
Delta R.T. 0.000 min
Lab File: VL043280.D
Acq: 24 Nov 2025 13:52

Tgt Ion:105 Resp: 448275
Ion Ratio Lower Upper
105 100
120 28.5 23.8 35.8
91 13.3 10.3 15.5
77 13.6 11.1 16.7





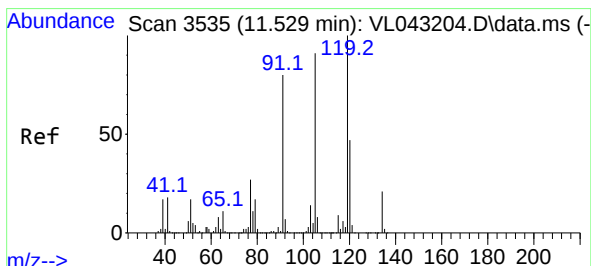
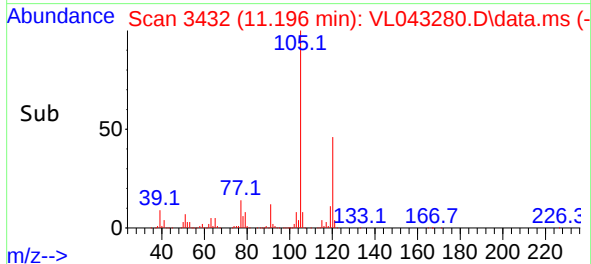
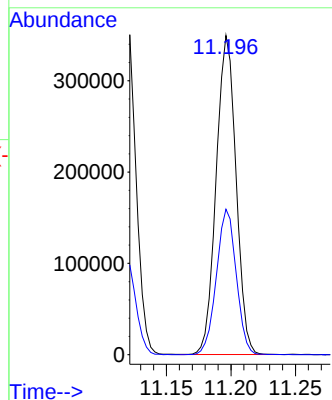
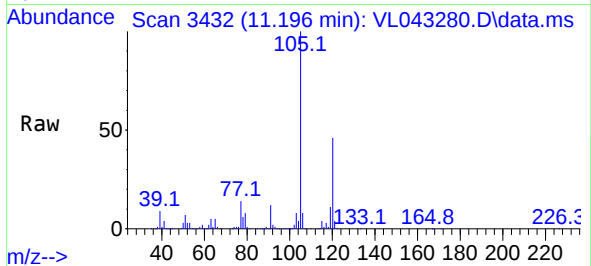
#73
1,3,5-Trimethylbenzene
Concen: 10.697 ppbv
RT: 11.196 min Scan# 3432
Delta R.T. 0.000 min
Lab File: VL043280.D
Acq: 24 Nov 2025 13:52

Instrument :
MSVOA_L
ClientSampleId :
VL1124ABS01

Tgt Ion:105 Resp: 372510
Ion Ratio Lower Upper
105 100
120 45.6 38.6 57.8

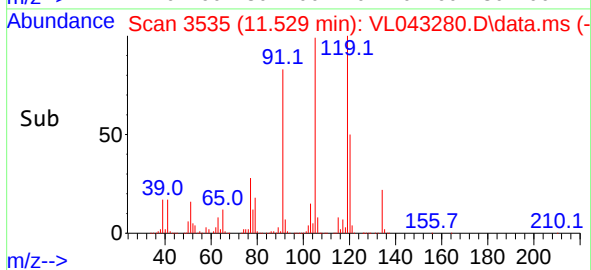
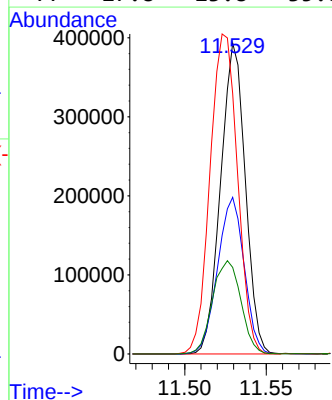
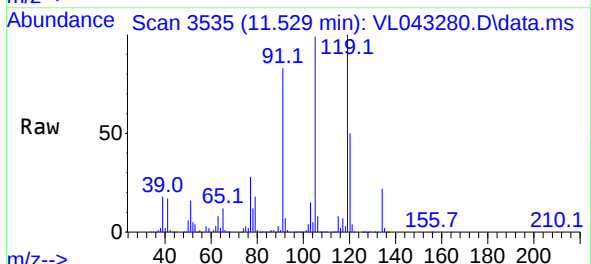
Manual Integrations
APPROVED

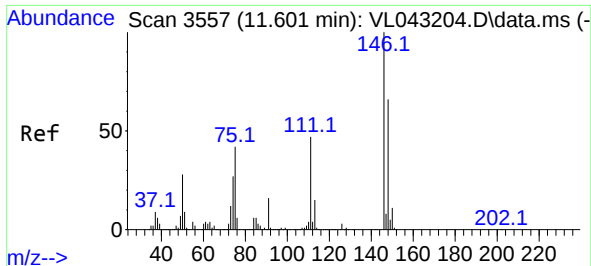
Reviewed By :Semsettin Yesilyurt 11/25/2025
Supervised By :Mahesh Dadoda 11/25/2025



#74
1,2,4-Trimethylbenzene
Concen: 10.888 ppbv
RT: 11.529 min Scan# 3535
Delta R.T. 0.000 min
Lab File: VL043280.D
Acq: 24 Nov 2025 13:52

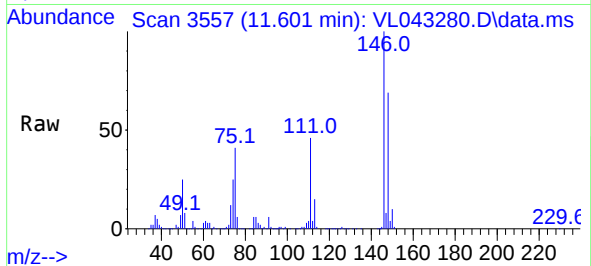
Tgt Ion:105 Resp: 413769
Ion Ratio Lower Upper
105 100
120 50.4 41.7 62.5
91 83.7 70.0 105.0
77 27.8 23.8 35.8





#75
1,3-Dichlorobenzene
Concen: 10.806 ppbv
RT: 11.601 min Scan# 3557
Delta R.T. 0.000 min
Lab File: VL043280.D
Acq: 24 Nov 2025 13:52

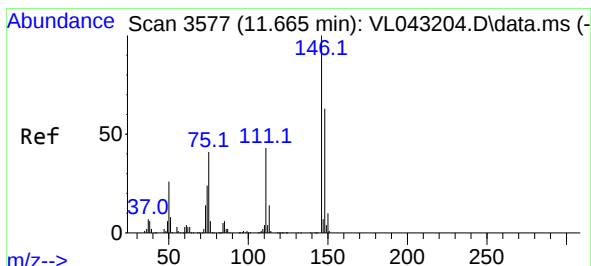
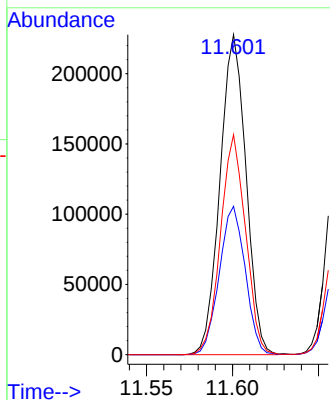
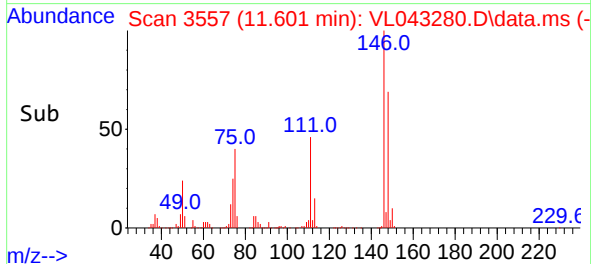
Instrument :
MSVOA_L
ClientSampleId :
VL1124ABS01



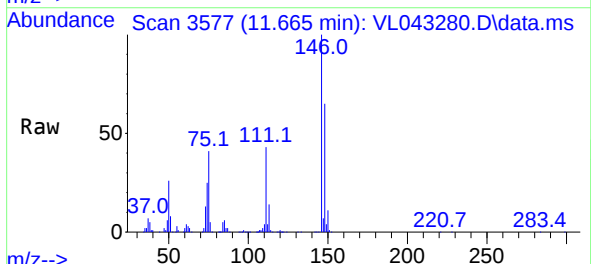
Tgt Ion:146 Resp: 239632
Ion Ratio Lower Upper
146 100
111 46.2 23.4 70.3
148 66.2 31.6 95.0

Manual Integrations
APPROVED

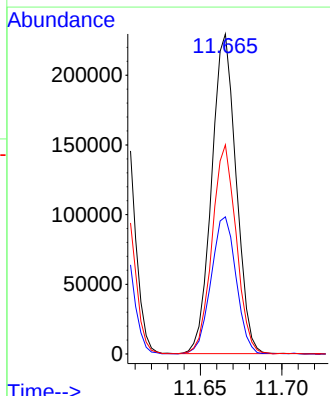
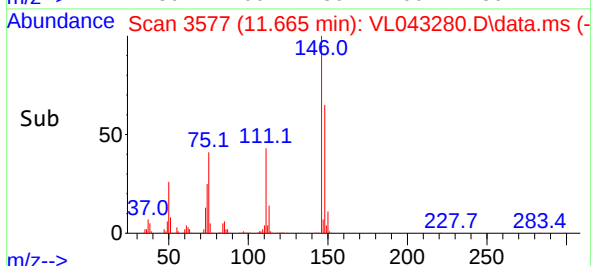
Reviewed By :Semsettin Yesilyurt 11/25/2025
Supervised By :Mahesh Dadoda 11/25/2025

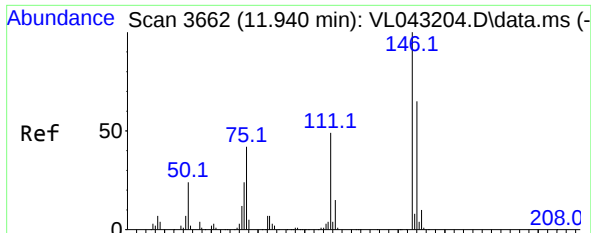


#76
1,4-Dichlorobenzene
Concen: 10.779 ppbv
RT: 11.665 min Scan# 3577
Delta R.T. 0.000 min
Lab File: VL043280.D
Acq: 24 Nov 2025 13:52



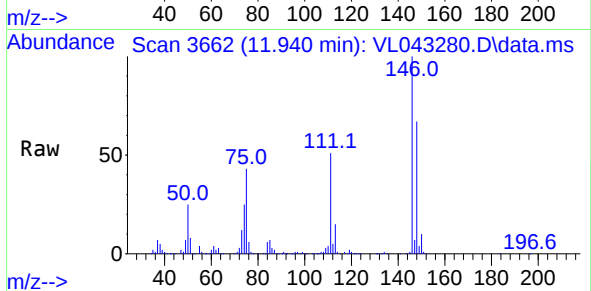
Tgt Ion:146 Resp: 239094
Ion Ratio Lower Upper
146 100
111 44.2 22.8 68.3
148 64.8 31.8 95.4





#77
1,2-Dichlorobenzene
Concen: 10.669 ppbv
RT: 11.940 min Scan# 3662
Delta R.T. 0.000 min
Lab File: VL043280.D
Acq: 24 Nov 2025 13:52

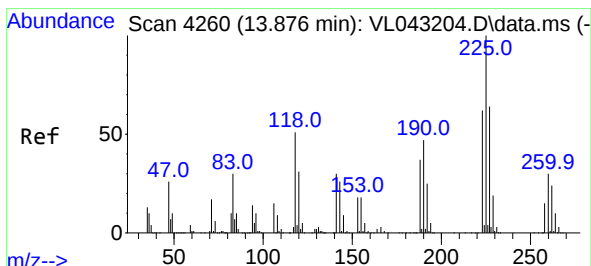
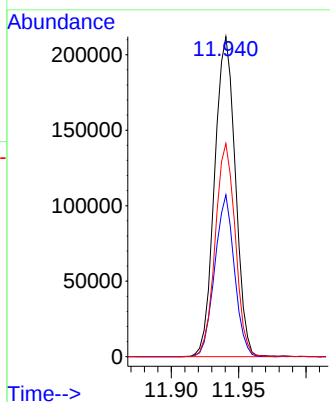
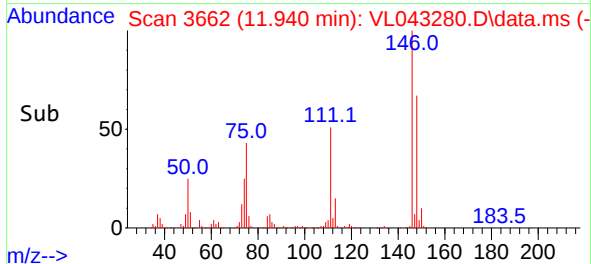
Instrument :
MSVOA_L
ClientSampleId :
VL1124ABS01



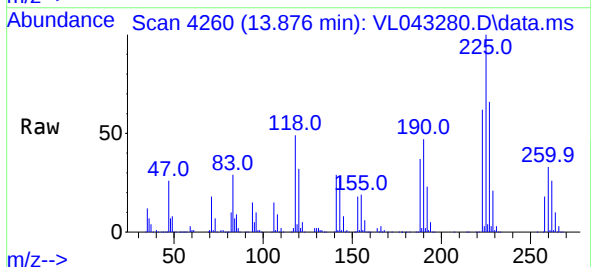
Tgt Ion:146 Resp: 227478
Ion Ratio Lower Upper
146 100
111 47.8 24.3 73.0
148 64.3 31.6 94.7

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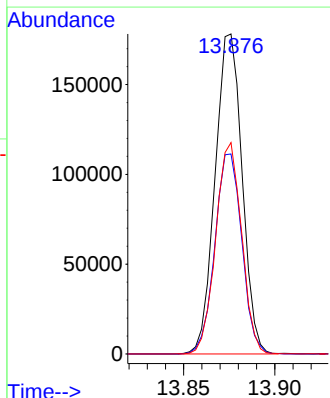
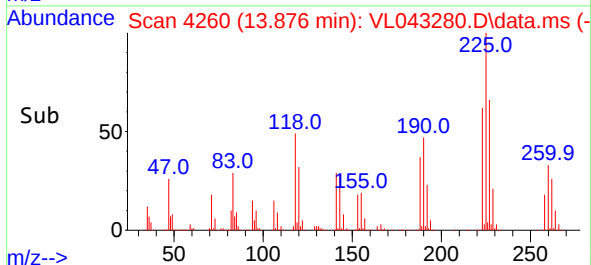
Reviewed By :Semsettin Yesilyurt 11/25/2025
Supervised By :Mahesh Dadoda 11/25/2025

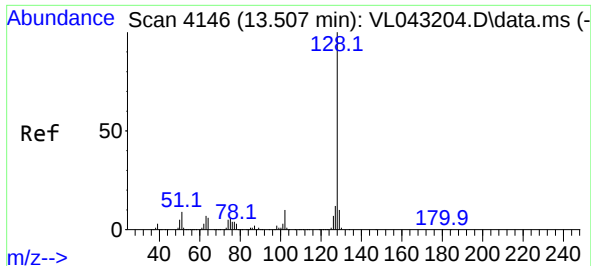


#78
Hexachloro-1,3-Butadiene
Concen: 10.321 ppbv
RT: 13.876 min Scan# 4260
Delta R.T. 0.000 min
Lab File: VL043280.D
Acq: 24 Nov 2025 13:52



Tgt Ion:225 Resp: 183653
Ion Ratio Lower Upper
225 100
223 62.5 50.2 75.4
227 63.3 51.1 76.7





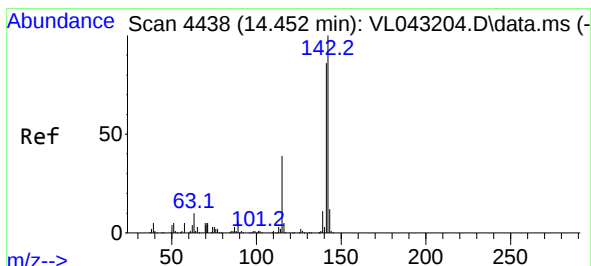
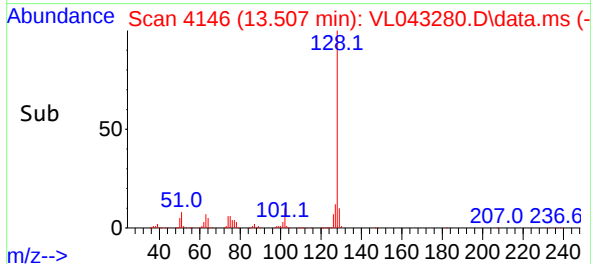
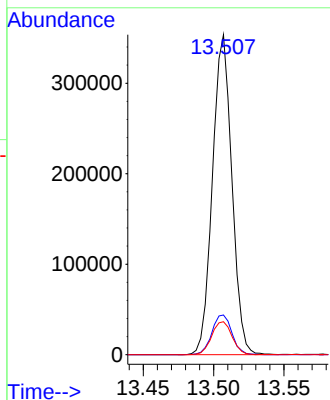
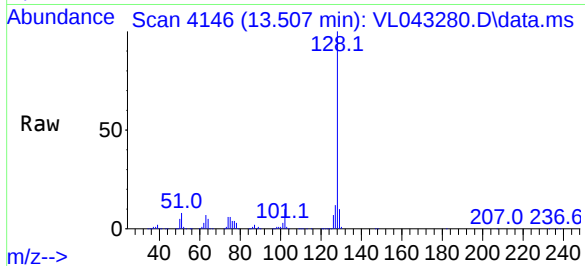
#79
Naphthalene
Concen: 10.074 ppbv
RT: 13.507 min Scan# 4146
Delta R.T. 0.000 min
Lab File: VL043280.D
Acq: 24 Nov 2025 13:52

Instrument :
MSVOA_L
ClientSampleId :
VL1124ABS01

Tgt Ion:128 Resp: 340028
Ion Ratio Lower Upper
128 100
127 12.4 9.9 14.9
129 10.3 8.4 12.6

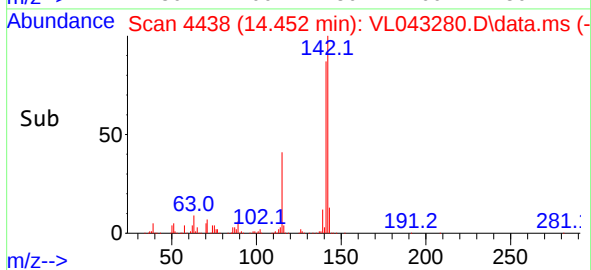
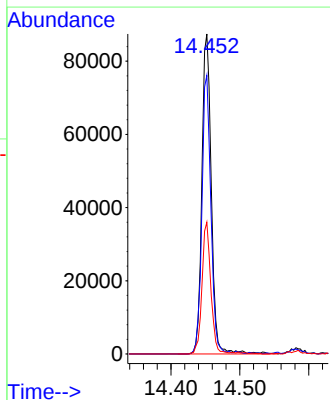
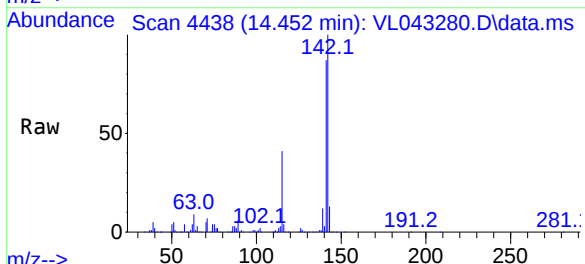
Manual Integrations
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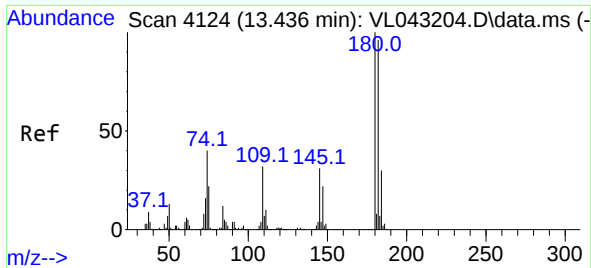
Reviewed By :Semsettin Yesilyurt 11/25/2025
Supervised By :Mahesh Dadoda 11/25/2025



#80
Naphthalene,2-methyl-
Concen: 9.433 ppbv
RT: 14.452 min Scan# 4438
Delta R.T. 0.000 min
Lab File: VL043280.D
Acq: 24 Nov 2025 13:52

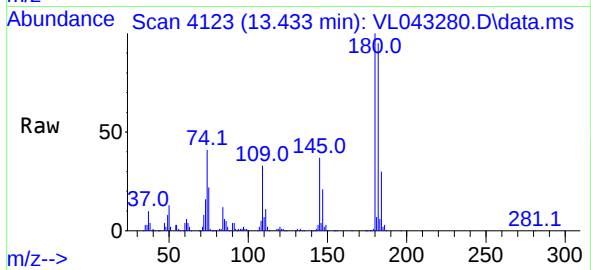
Tgt Ion:142 Resp: 83577
Ion Ratio Lower Upper
142 100
141 83.9 67.1 100.7
115 39.4 31.9 47.9





#81
 1,2,4-Trichlorobenzene
 Concen: 11.122 ppbv
 RT: 13.433 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VL043280.D
 Acq: 24 Nov 2025 13:52

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1124ABS01



Tgt Ion:180 Resp: 167890
 Ion Ratio Lower Upper
 180 100
 182 96.0 77.4 116.2
 184 30.7 24.2 36.4

Manual Integrations
 APPROVED

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

