

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120325\
 Data File : VW032565.D
 Acq On : 03 Dec 2025 12:15
 Operator : SY/MD
 Sample : VSTDIC020
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/04/2025
 Supervised By : Semsettin Yesilyurt 12/04/2025

Quant Time: Dec 04 03:48:12 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W120325S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 04 03:43:50 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	354106	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	652216	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	585368	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	292330	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	107014	20.307	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery =	40.620%#		
35) Dibromofluoromethane	7.904	113	85926	20.020	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery =	40.040%#		
50) Toluene-d8	10.330	98	329350	20.393	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery =	40.780%#		
62) 4-Bromofluorobenzene	12.617	95	119554	20.036	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery =	40.080%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.039	85	45094	20.573	ug/l	98
3) Chloromethane	2.253	50	77066	19.126	ug/l	97
4) Vinyl Chloride	2.405	62	97813	20.009	ug/l	99
5) Bromomethane	2.814	94	64173	19.767	ug/l	100
6) Chloroethane	2.966	64	62102	19.668	ug/l	99
7) Trichlorofluoromethane	3.307	101	76041	20.068	ug/l	96
8) Diethyl Ether	3.722	74	55024	19.644	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.106	101	78932	19.704	ug/l	96
10) Methyl Iodide	4.313	142	118458	19.607	ug/l	99
11) Tert butyl alcohol	5.222	59	41657	102.773	ug/l #	84
12) 1,1-Dichloroethene	4.082	96	91225	20.198	ug/l	94
13) Acrolein	3.929	56	75457	105.033	ug/l	97
14) Allyl chloride	4.703	41	163949	19.829	ug/l	99
15) Acrylonitrile	5.405	53	148239	100.775	ug/l	99
16) Acetone	4.161	43	152244	92.454	ug/l	99
17) Carbon Disulfide	4.423	76	262936	19.650	ug/l	96
18) Methyl Acetate	4.710	43	65559	19.330	ug/l	99
19) Methyl tert-butyl Ether	5.465	73	168712	20.040	ug/l	98
20) Methylene Chloride	4.959	84	111957	19.011	ug/l	95
21) trans-1,2-Dichloroethene	5.459	96	95997	19.452	ug/l	94
22) Diisopropyl ether	6.337	45	336499	20.393	ug/l	92
23) Vinyl Acetate	6.282	43	1108410	101.376	ug/l	99
24) 1,1-Dichloroethane	6.246	63	188266	19.652	ug/l	99
25) 2-Butanone	7.191	43	209926	99.335	ug/l	100
26) 2,2-Dichloropropane	7.191	77	110084	19.822	ug/l	97
27) cis-1,2-Dichloroethene	7.191	96	112996	19.667	ug/l	99
28) Bromochloromethane	7.532	49	86379	20.072	ug/l	100
29) Tetrahydrofuran	7.557	42	130189	103.175	ug/l	98
30) Chloroform	7.691	83	186659	19.633	ug/l	94
31) Cyclohexane	7.971	56	164964	19.528	ug/l	97
32) 1,1,1-Trichloroethane	7.886	97	134867	19.545	ug/l	99
36) 1,1-Dichloropropene	8.099	75	131768	20.128	ug/l	99
37) Ethyl Acetate	7.276	43	96856	21.379	ug/l	97
38) Carbon Tetrachloride	8.081	117	119740	19.687	ug/l	94
39) Methylcyclohexane	9.343	83	153883	19.250	ug/l	98
40) Benzene	8.337	78	416343	19.957	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	45081	18.390	ug/l #	86
42) 1,2-Dichloroethane	8.410	62	129904	20.309	ug/l	99
43) Isopropyl Acetate	8.434	43	157195	20.186	ug/l	98
44) Trichloroethene	9.105	130	92695	19.880	ug/l	92
45) 1,2-Dichloropropane	9.373	63	105047	20.272	ug/l	93
46) Dibromomethane	9.465	93	60249	20.106	ug/l	93
47) Bromodichloromethane	9.654	83	137937	19.640	ug/l	99
48) Methyl methacrylate	9.440	41	69599	19.661	ug/l	90
49) 1,4-Dioxane	9.465	88	15254	426.023	ug/l #	98
51) 4-Methyl-2-Pentanone	10.215	43	450329	104.510	ug/l	99
52) Toluene	10.391	92	254918	20.279	ug/l	98
53) t-1,3-Dichloropropene	10.611	75	132492	19.664	ug/l	98
54) cis-1,3-Dichloropropene	10.074	75	158793	20.082	ug/l	96
55) 1,1,2-Trichloroethane	10.788	97	80719	20.112	ug/l	95
56) Ethyl methacrylate	10.647	69	109870	19.795	ug/l	98
57) 1,3-Dichloropropane	10.934	76	147871	20.644	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.928	63	308913	106.221	ug/l	100
59) 2-Hexanone	10.971	43	315866	102.931	ug/l	100
60) Dibromochloromethane	11.129	129	88181	19.603	ug/l	98
61) 1,2-Dibromoethane	11.233	107	78002	20.436	ug/l	98
64) Tetrachloroethene	10.867	164	79706	20.415	ug/l	95
65) Chlorobenzene	11.659	112	278309	20.121	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.733	131	84480	19.748	ug/l	98
67) Ethyl Benzene	11.733	91	468508	19.956	ug/l	96
68) m/p-Xylenes	11.836	106	361347	40.483	ug/l	97
69) o-Xylene	12.165	106	164729	20.152	ug/l	93
70) Styrene	12.178	104	294546	20.542	ug/l	99
71) Bromoform	12.348	173	45074	19.160	ug/l #	99
73) Isopropylbenzene	12.464	105	425288	19.612	ug/l	99
74) N-amyl acetate	12.269	43	140066	19.512	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.714	83	102128	20.006	ug/l	99
76) 1,2,3-Trichloropropane	12.763	75	79697m	20.005	ug/l	
77) Bromobenzene	12.745	156	102395	19.975	ug/l	95
78) n-propylbenzene	12.800	91	553122	19.993	ug/l	100
79) 2-Chlorotoluene	12.891	91	324394	19.666	ug/l	99
80) 1,3,5-Trimethylbenzene	12.940	105	366405	19.802	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.507	75	31878	18.954	ug/l	89
82) 4-Chlorotoluene	12.989	91	347070	19.674	ug/l	100
83) tert-Butylbenzene	13.202	119	295478	19.362	ug/l	98
84) 1,2,4-Trimethylbenzene	13.245	105	362195	19.596	ug/l	100
85) sec-Butylbenzene	13.379	105	457306	19.429	ug/l	99
86) p-Isopropyltoluene	13.495	119	381008	19.653	ug/l	99
87) 1,3-Dichlorobenzene	13.495	146	201194	19.196	ug/l	99
88) 1,4-Dichlorobenzene	13.574	146	202337	19.450	ug/l	96
89) n-Butylbenzene	13.818	91	378562	19.229	ug/l	99
90) Hexachloroethane	14.092	117	70062	18.870	ug/l	95
91) 1,2-Dichlorobenzene	13.860	146	182294	19.828	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.476	75	16959	19.268	ug/l	98
93) 1,2,4-Trichlorobenzene	15.128	180	106514	19.023	ug/l	99
94) Hexachlorobutadiene	15.226	225	46952	18.217	ug/l	97
95) Naphthalene	15.360	128	239140m	19.044	ug/l	
96) 1,2,3-Trichlorobenzene	15.543	180	94710	18.619	ug/l	99

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ClientSampleId :
VSTDICC020

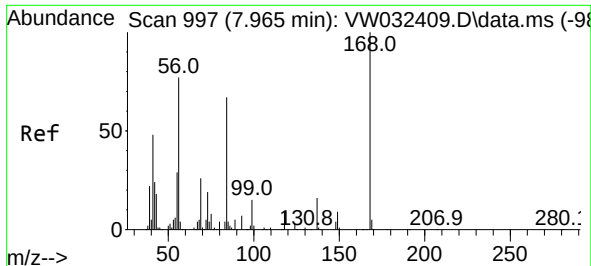
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

Quant Time: Dec 04 03:48:12 2025
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Quant Title : SW846 8260
QLast Update : Thu Dec 04 03:43:50 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



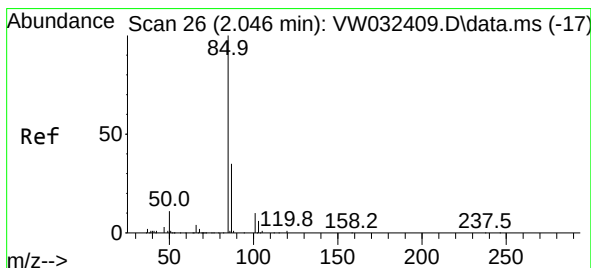
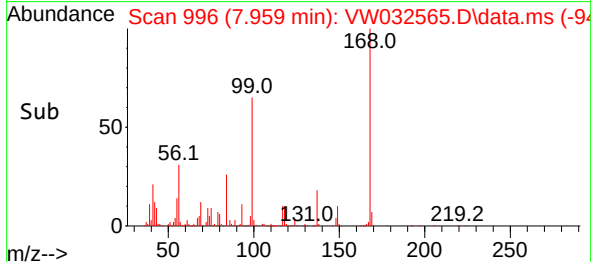
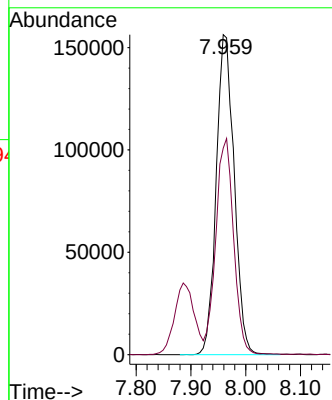
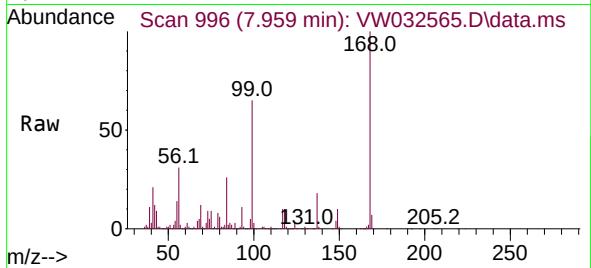
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 99
Delta R.T. -0.006 min
Lab File: VW032565.D
Acq: 03 Dec 2025 12:15

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Tgt Ion:168 Resp: 354106
Ion Ratio Lower Upper
168 100
99 64.4 51.8 77.8

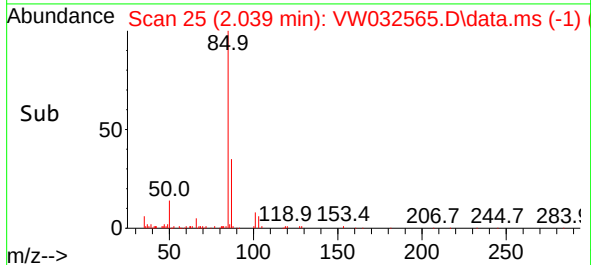
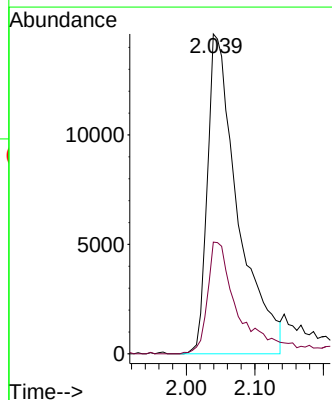
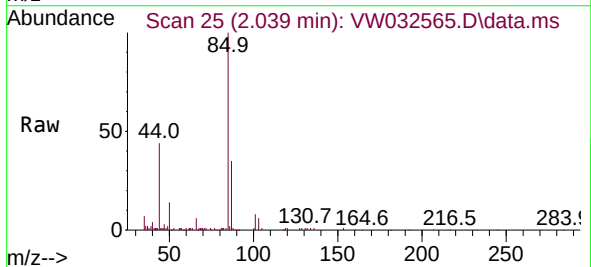
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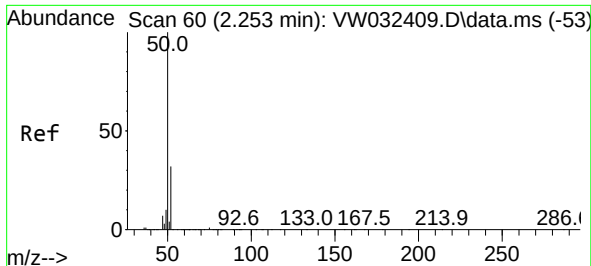
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#2
Dichlorodifluoromethane
Concen: 20.573 ug/l
RT: 2.039 min Scan# 25
Delta R.T. -0.000 min
Lab File: VW032565.D
Acq: 03 Dec 2025 12:15

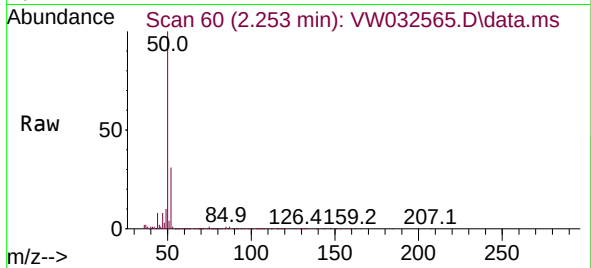
Tgt Ion: 85 Resp: 45094
Ion Ratio Lower Upper
85 100
87 34.9 17.9 53.8





#3
Chloromethane
Concen: 19.126 ug/l
RT: 2.253 min Scan# 60
Delta R.T. -0.000 min
Lab File: VW032565.D
Acq: 03 Dec 2025 12:15

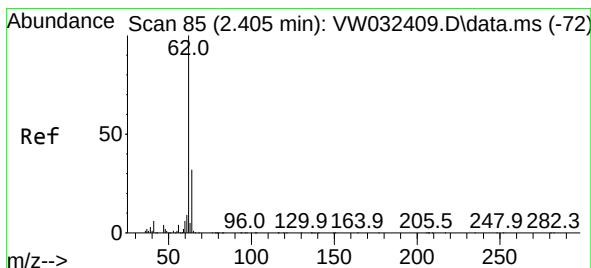
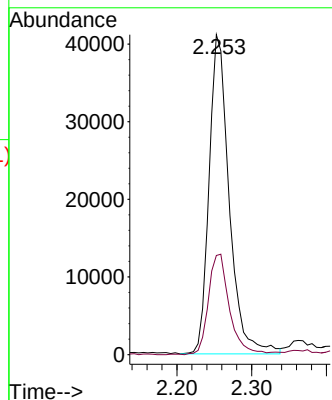
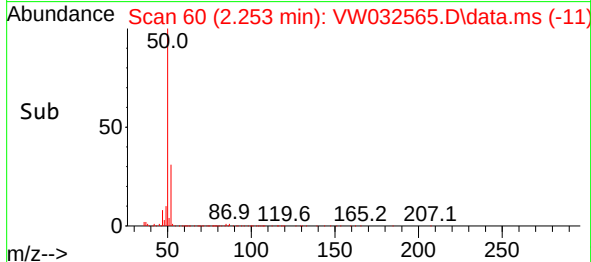
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020



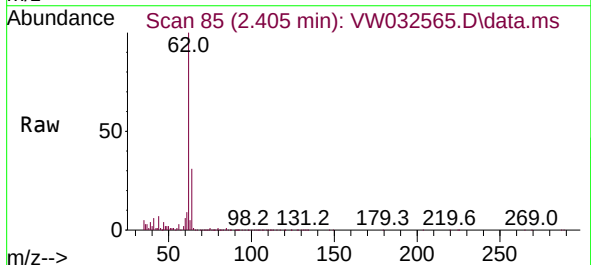
Tgt Ion: 50 Resp: 77066
Ion Ratio Lower Upper
50 100
52 30.9 26.2 39.4

Manual Integrations
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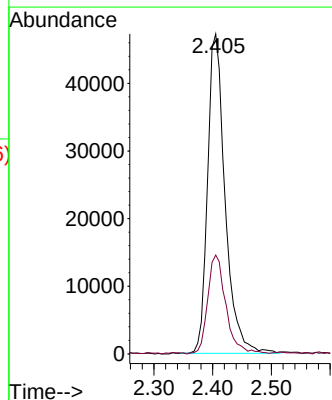
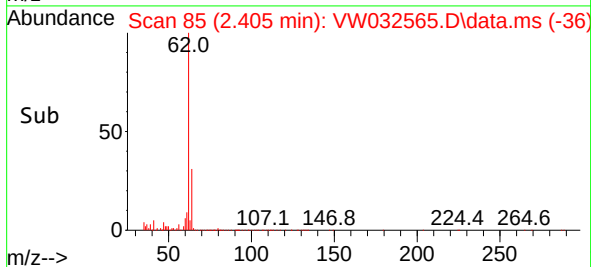
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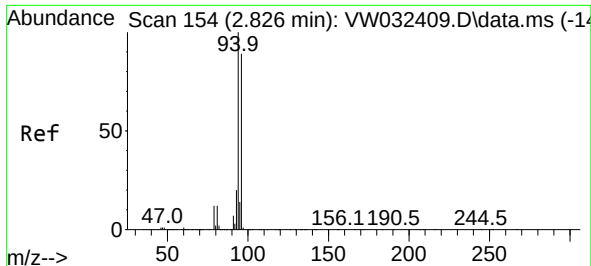


#4
Vinyl Chloride
Concen: 20.009 ug/l
RT: 2.405 min Scan# 85
Delta R.T. -0.000 min
Lab File: VW032565.D
Acq: 03 Dec 2025 12:15



Tgt Ion: 62 Resp: 97813
Ion Ratio Lower Upper
62 100
64 30.6 24.2 36.4





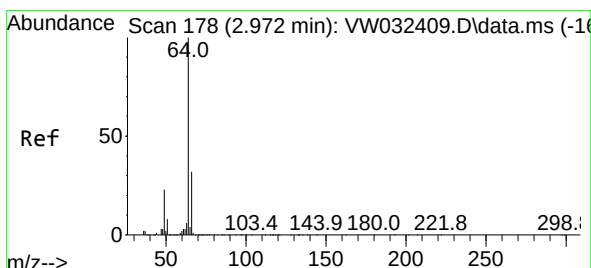
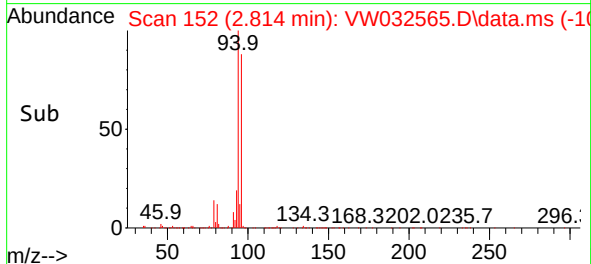
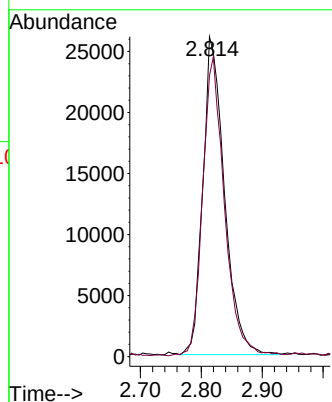
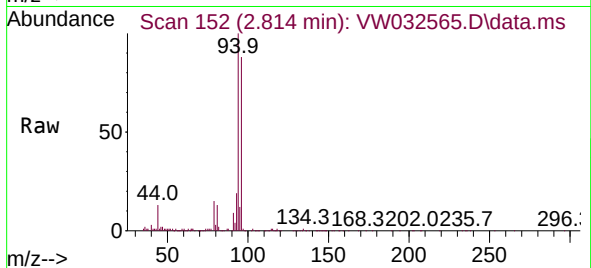
#5
Bromomethane
Concen: 19.767 ug/l
RT: 2.814 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032565.D
Acq: 03 Dec 2025 12:15

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Tgt Ion: 94 Resp: 64173
Ion Ratio Lower Upper
94 100
96 87.8 69.9 104.9

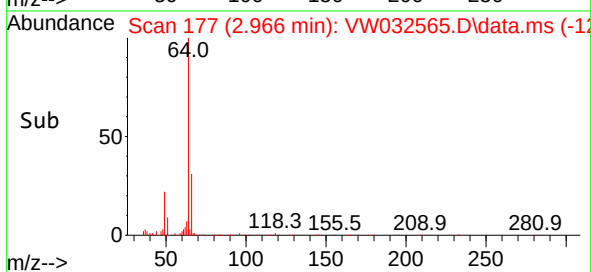
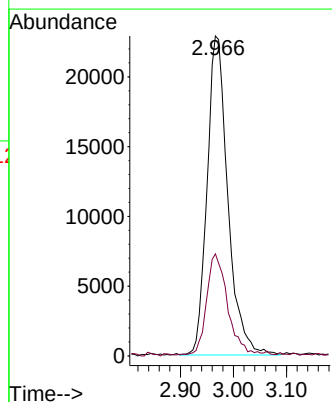
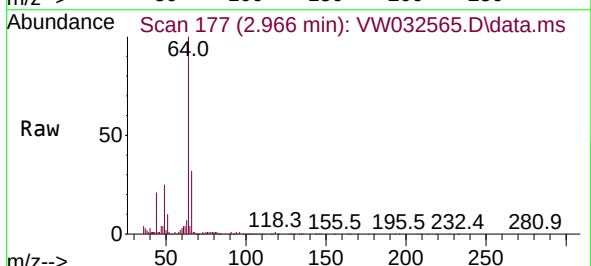
Manual Integrations
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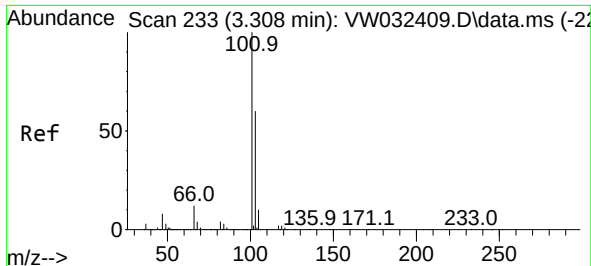
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#6
Chloroethane
Concen: 19.668 ug/l
RT: 2.966 min Scan# 177
Delta R.T. -0.000 min
Lab File: VW032565.D
Acq: 03 Dec 2025 12:15

Tgt Ion: 64 Resp: 62102
Ion Ratio Lower Upper
64 100
66 31.5 25.4 38.2





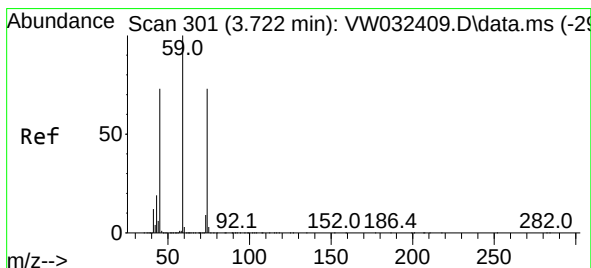
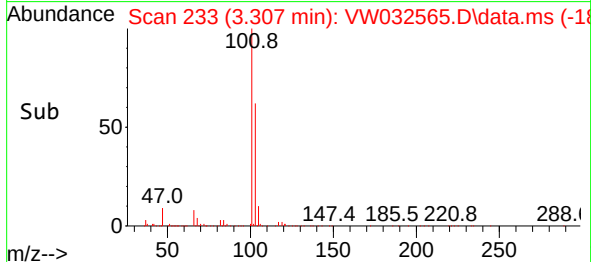
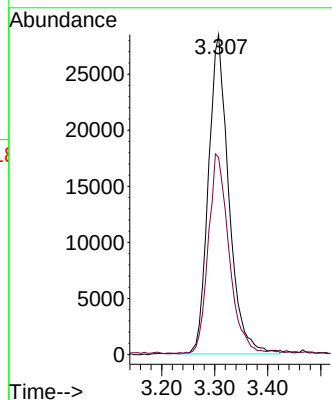
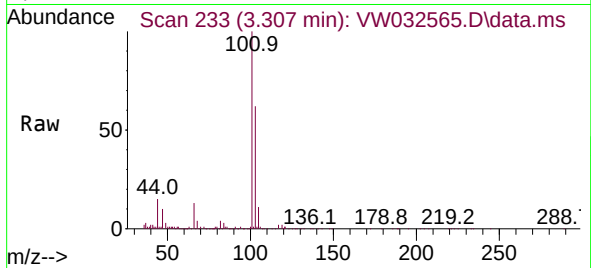
#7
 Trichlorofluoromethane
 Concen: 20.068 ug/l
 RT: 3.307 min Scan# 233
 Delta R.T. -0.000 min
 Lab File: VW032565.D
 Acq: 03 Dec 2025 12:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Tgt Ion:101 Resp: 7604
 Ion Ratio Lower Upper
 101 100
 103 61.1 51.1 76.7

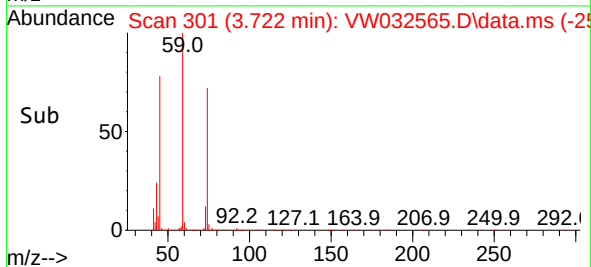
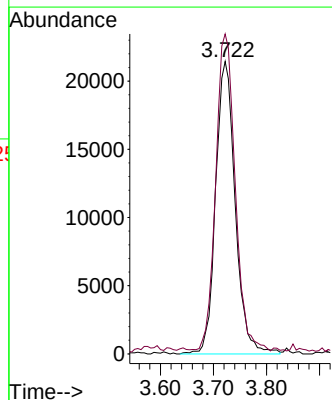
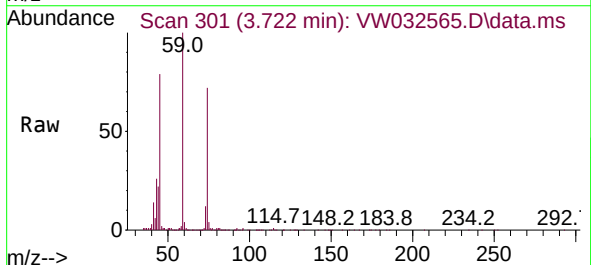
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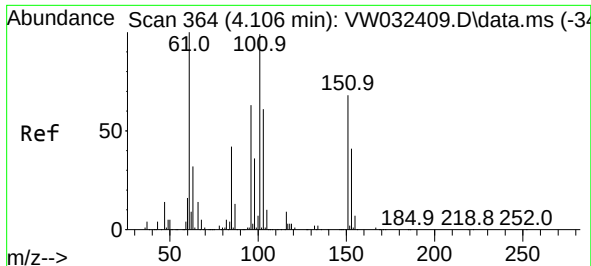
Reviewed By :John Carlone 12/04/2025
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#8
 Diethyl Ether
 Concen: 19.644 ug/l
 RT: 3.722 min Scan# 301
 Delta R.T. -0.000 min
 Lab File: VW032565.D
 Acq: 03 Dec 2025 12:15

Tgt Ion: 74 Resp: 55024
 Ion Ratio Lower Upper
 74 100
 45 107.4 53.4 160.3





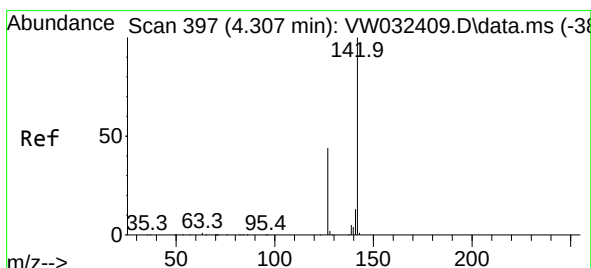
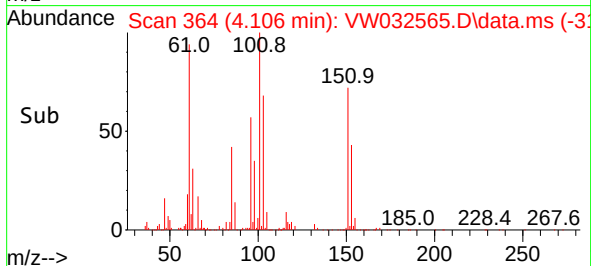
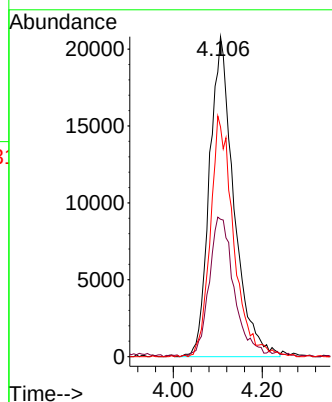
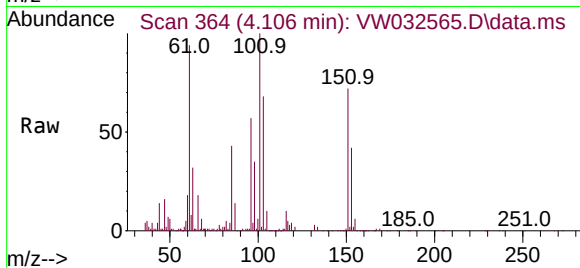
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.704 ug/l
RT: 4.106 min Scan# 364
Delta R.T. -0.000 min
Lab File: VW032565.D
Acq: 03 Dec 2025 12:15

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Tgt Ion:101 Resp: 78932
Ion Ratio Lower Upper
101 100
85 44.7 35.0 52.4
151 72.2 54.6 82.0

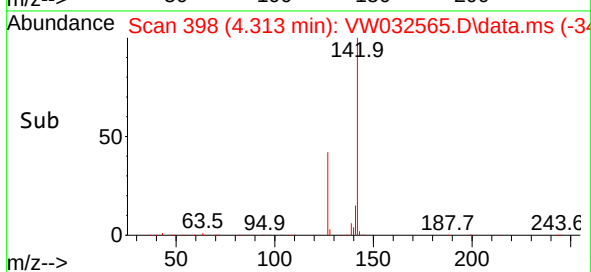
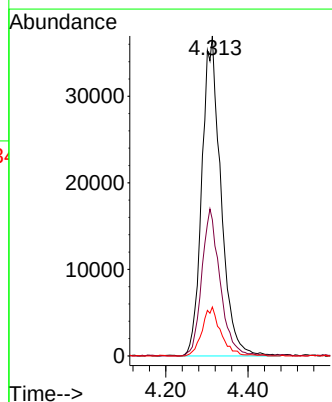
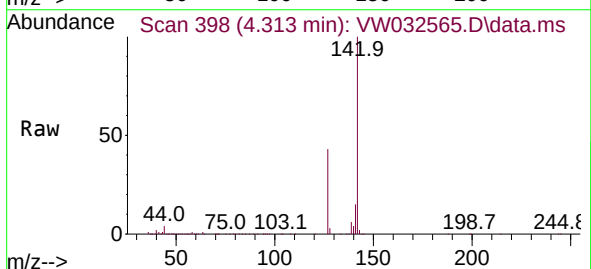
Manual Integrations
APPROVED

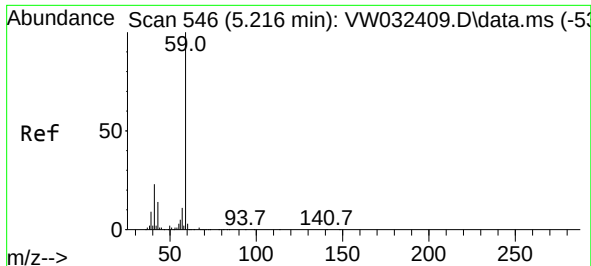
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#10
Methyl Iodide
Concen: 19.607 ug/l
RT: 4.313 min Scan# 398
Delta R.T. -0.000 min
Lab File: VW032565.D
Acq: 03 Dec 2025 12:15

Tgt Ion:142 Resp: 118458
Ion Ratio Lower Upper
142 100
127 44.5 36.2 54.2
141 15.0 11.9 17.9





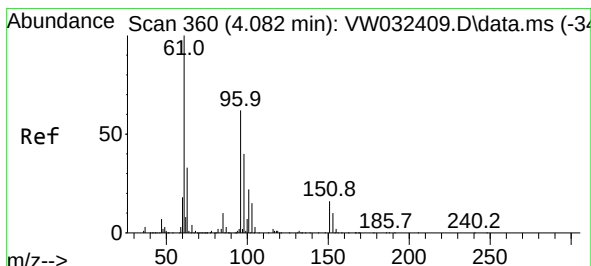
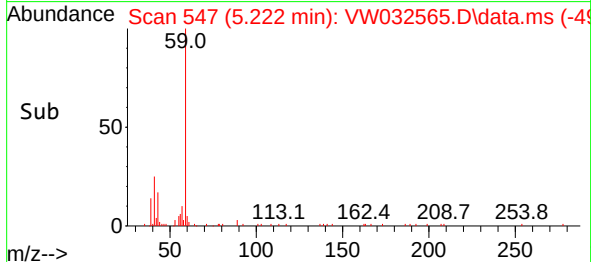
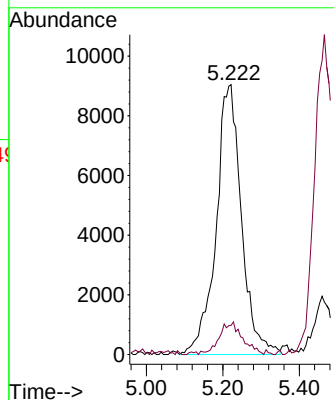
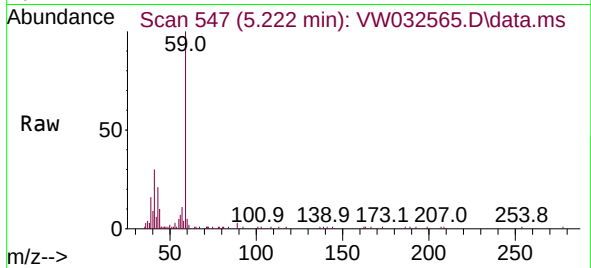
#11
Tert butyl alcohol
Concen: 102.773 ug/l
RT: 5.222 min Scan# 546
Delta R.T. 0.012 min
Lab File: VW032565.D
Acq: 03 Dec 2025 12:15

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Tgt Ion: 59 Resp: 41652
Ion Ratio Lower Upper
59 100
57 11.0 4.6 6.8

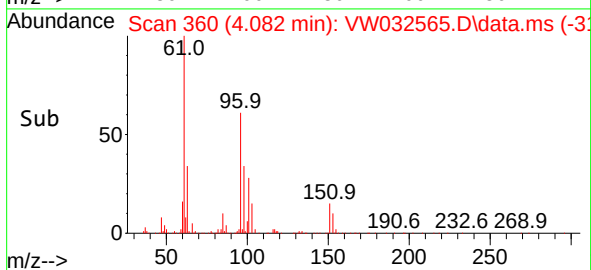
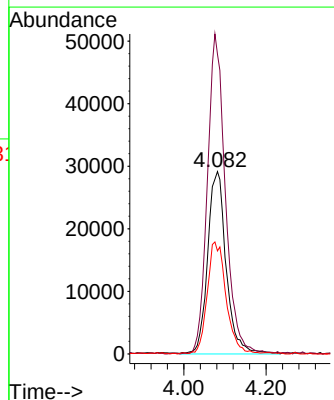
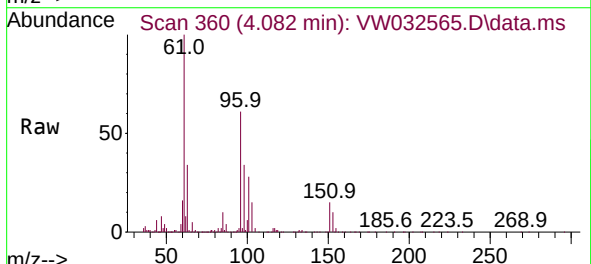
Manual Integrations
APPROVED

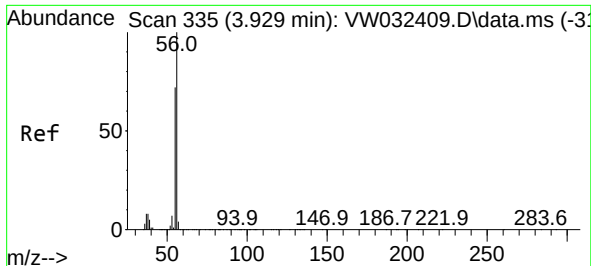
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#12
1,1-Dichloroethene
Concen: 20.198 ug/l
RT: 4.082 min Scan# 360
Delta R.T. -0.000 min
Lab File: VW032565.D
Acq: 03 Dec 2025 12:15

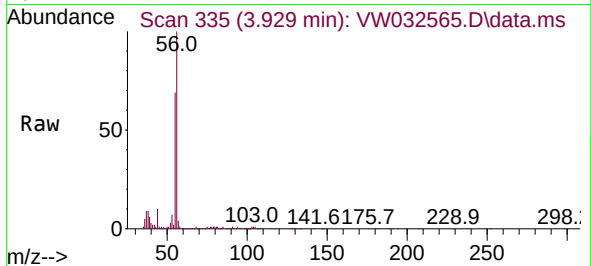
Tgt Ion: 96 Resp: 91225
Ion Ratio Lower Upper
96 100
61 164.3 136.6 205.0
98 56.3 51.4 77.2





#13
Acrolein
Concen: 105.033 ug/l
RT: 3.929 min Scan# 335
Delta R.T. -0.006 min
Lab File: VW032565.D
Acq: 03 Dec 2025 12:15

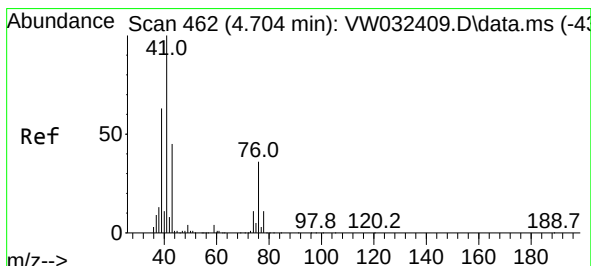
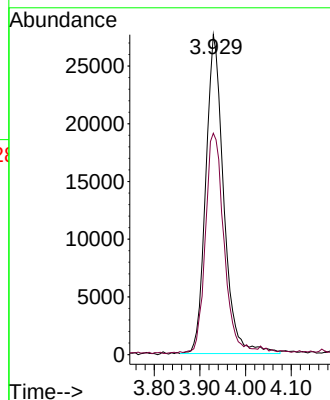
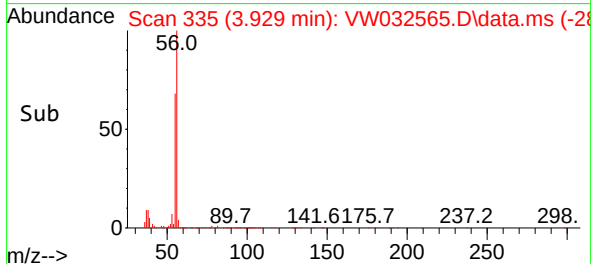
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020



Tgt Ion: 56 Resp: 75452
Ion Ratio Lower Upper
56 100
55 71.3 55.2 82.8

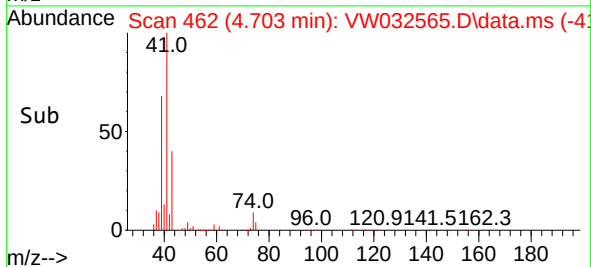
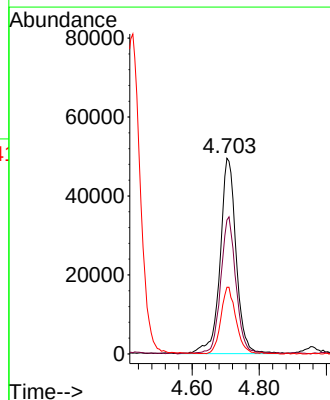
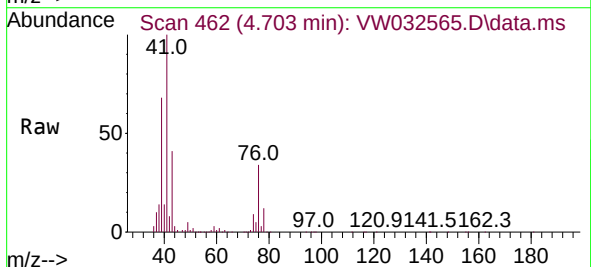
Manual Integrations
APPROVED

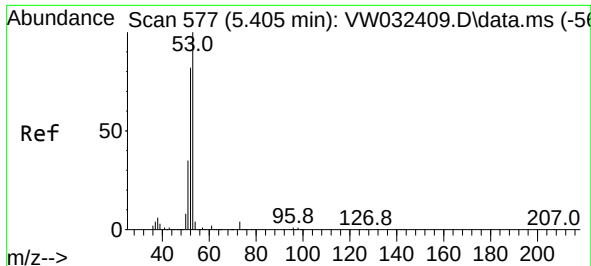
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#14
Allyl chloride
Concen: 19.829 ug/l
RT: 4.703 min Scan# 462
Delta R.T. -0.006 min
Lab File: VW032565.D
Acq: 03 Dec 2025 12:15

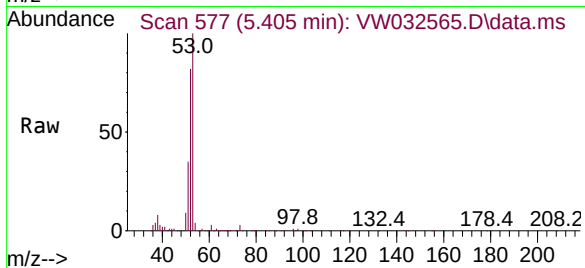
Tgt Ion: 41 Resp: 163949
Ion Ratio Lower Upper
41 100
39 65.9 52.9 79.3
76 31.5 25.8 38.6





#15
Acrylonitrile
Concen: 100.775 ug/l
RT: 5.405 min Scan# 577
Delta R.T. 0.006 min
Lab File: VW032565.D
Acq: 03 Dec 2025 12:15

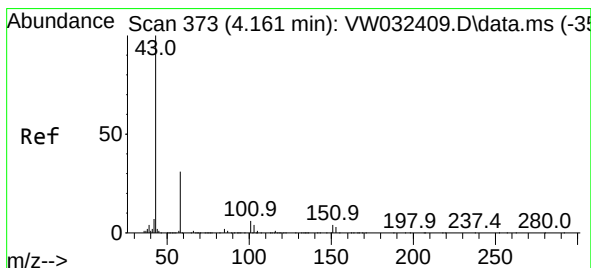
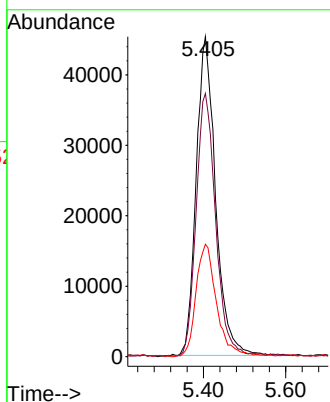
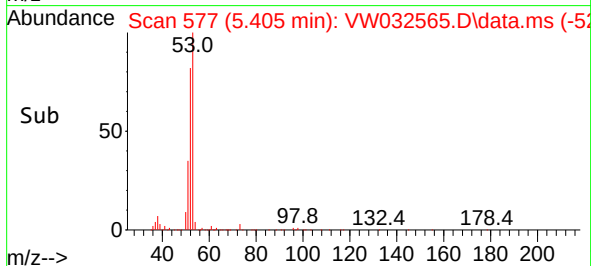
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020



Tgt Ion: 53 Resp: 148239
Ion Ratio Lower Upper
53 100
52 82.5 66.2 99.2
51 37.6 29.3 43.9

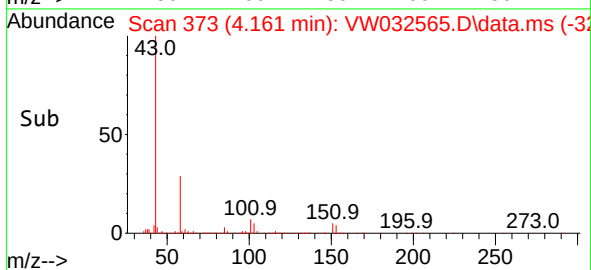
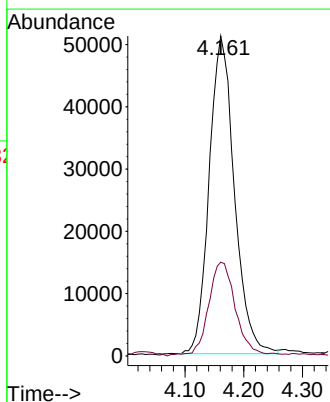
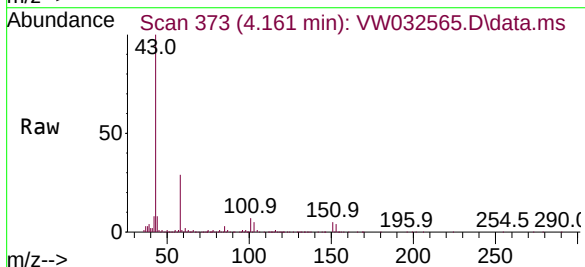
Manual Integrations
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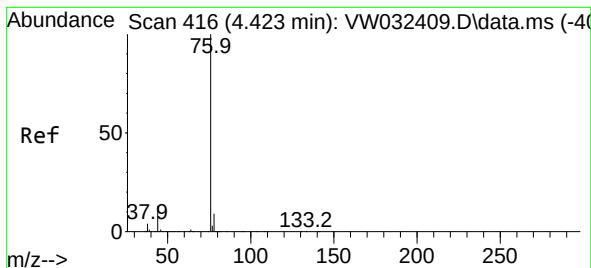
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#16
Acetone
Concen: 92.454 ug/l
RT: 4.161 min Scan# 373
Delta R.T. -0.000 min
Lab File: VW032565.D
Acq: 03 Dec 2025 12:15

Tgt Ion: 43 Resp: 152244
Ion Ratio Lower Upper
43 100
58 28.8 23.5 35.3





#17

Carbon Disulfide

Concen: 19.650 ug/l

RT: 4.423 min Scan# 416

Delta R.T. -0.000 min

Lab File: VW032565.D

Acq: 03 Dec 2025 12:15

Instrument :

MSVOA_W

ClientSampleId :

VSTDICC020

Tgt Ion: 76 Resp: 262936

Ion Ratio Lower Upper

76 100

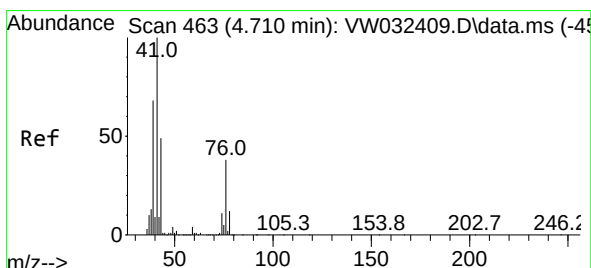
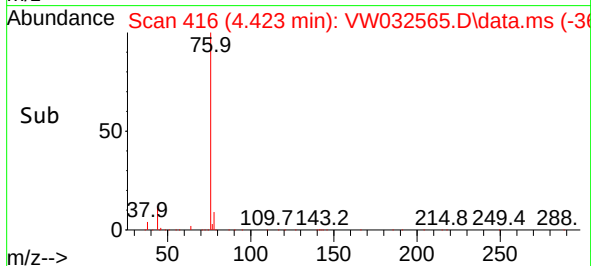
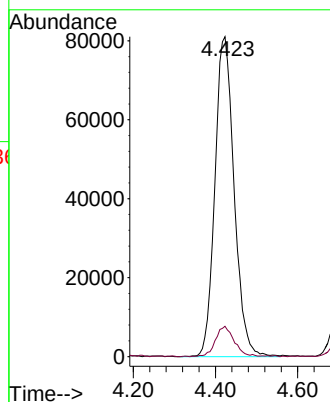
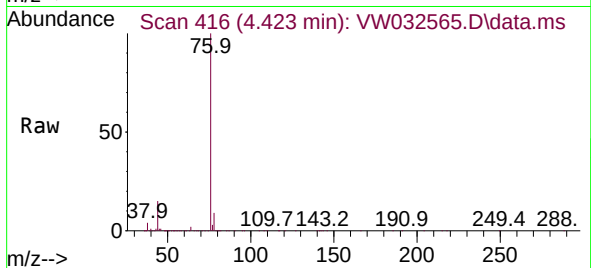
78 9.5 6.6 9.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2025

Supervised By :Semsettin Yesilyurt 12/04/2025



#18

Methyl Acetate

Concen: 19.330 ug/l

RT: 4.710 min Scan# 463

Delta R.T. -0.000 min

Lab File: VW032565.D

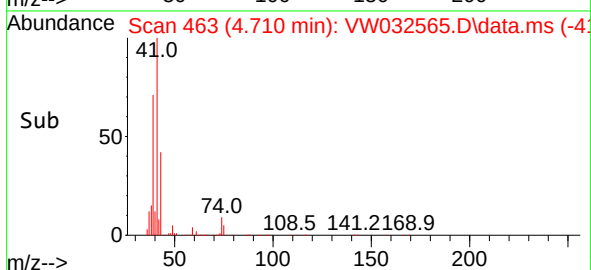
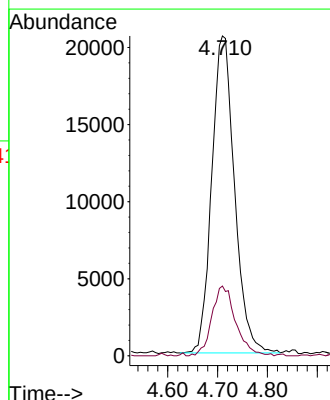
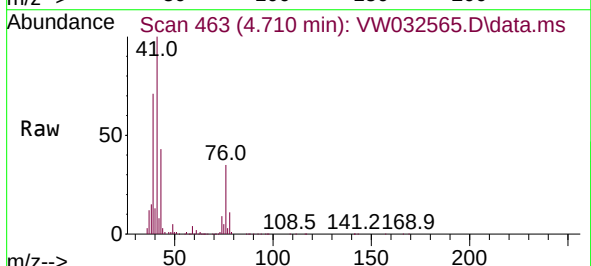
Acq: 03 Dec 2025 12:15

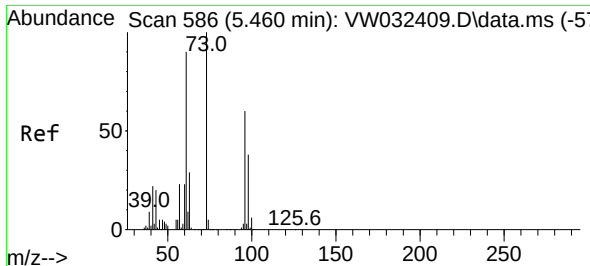
Tgt Ion: 43 Resp: 65559

Ion Ratio Lower Upper

43 100

74 23.0 17.9 26.9





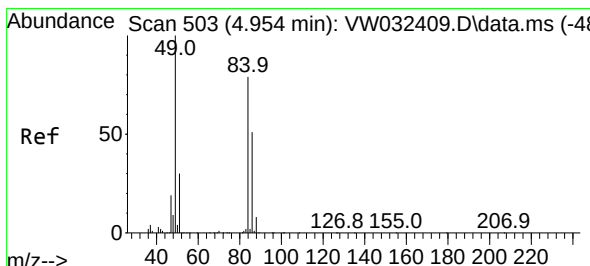
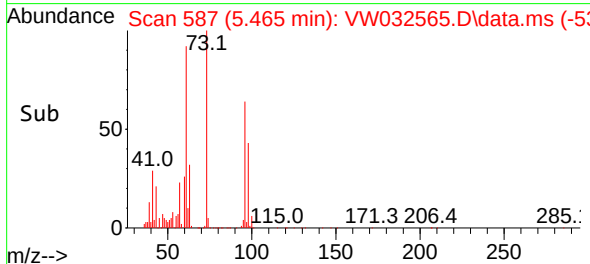
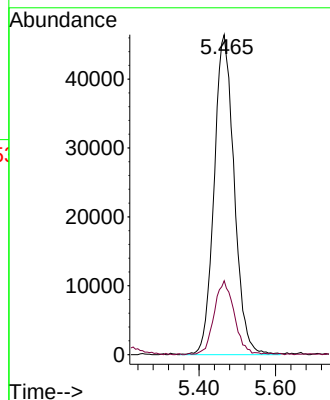
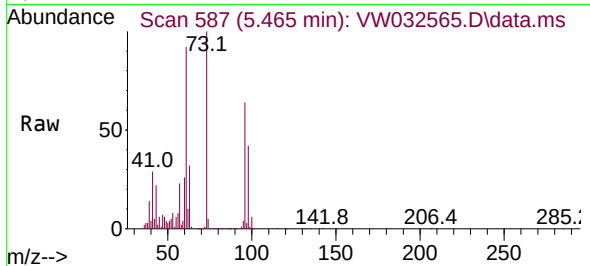
#19
Methyl tert-butyl Ether
Concen: 20.040 ug/l
RT: 5.465 min Scan# 586
Delta R.T. 0.006 min
Lab File: VW032565.D
Acq: 03 Dec 2025 12:15

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Tgt Ion: 73 Resp: 168712
Ion Ratio Lower Upper
73 100
57 22.8 19.0 28.4

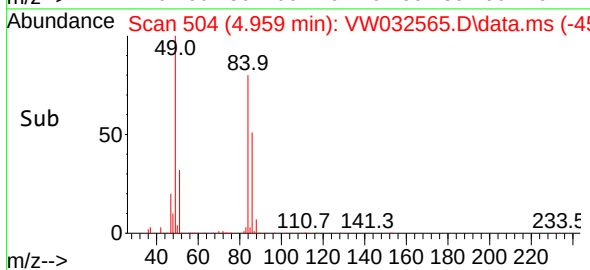
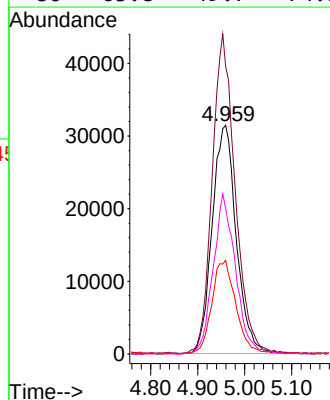
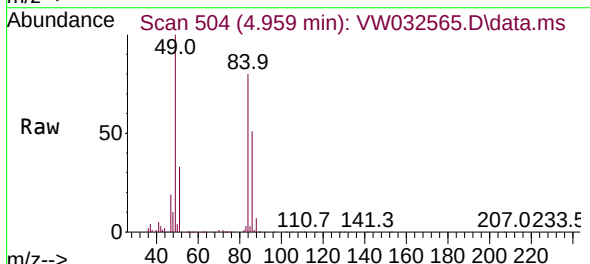
Manual Integrations
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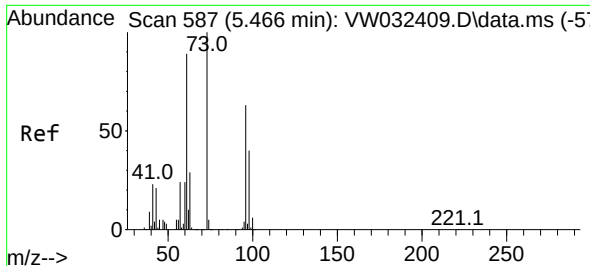
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#20
Methylene Chloride
Concen: 19.011 ug/l
RT: 4.959 min Scan# 504
Delta R.T. 0.006 min
Lab File: VW032565.D
Acq: 03 Dec 2025 12:15

Tgt Ion: 84 Resp: 111957
Ion Ratio Lower Upper
84 100
49 125.8 107.6 161.4
51 41.0 33.9 50.9
86 63.8 49.7 74.5





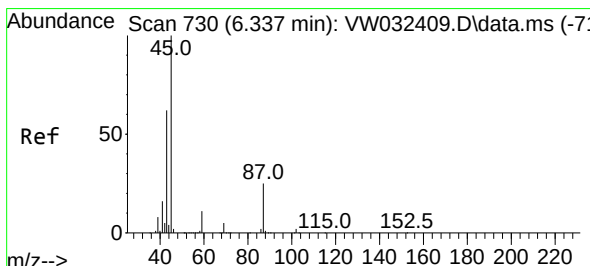
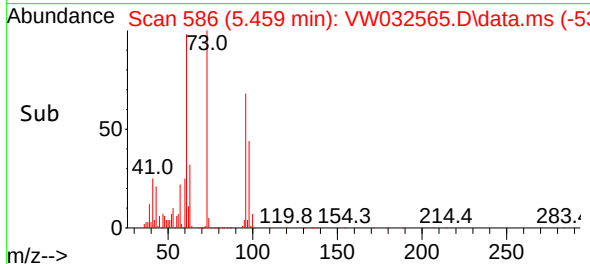
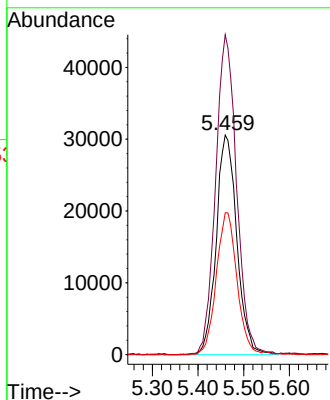
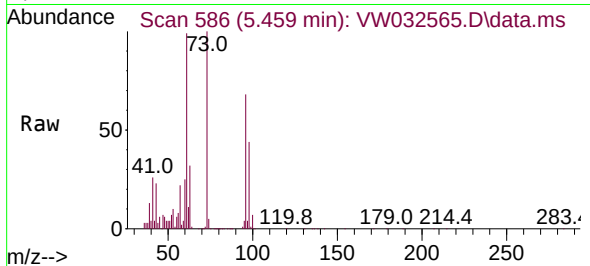
#21
trans-1,2-Dichloroethene
Concen: 19.452 ug/l
RT: 5.459 min Scan# 587
Delta R.T. -0.000 min
Lab File: VW032565.D
Acq: 03 Dec 2025 12:15

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tgt Ion: 96 Resp: 95997
Ion Ratio Lower Upper
96 100
61 145.8 111.0 166.4
98 64.6 48.4 72.6

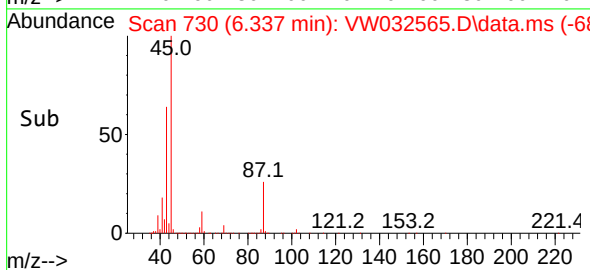
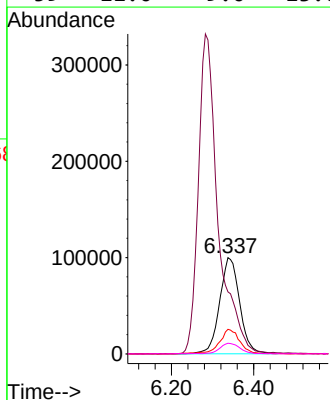
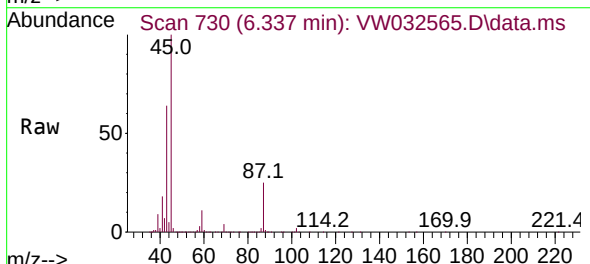
Manual Integrations
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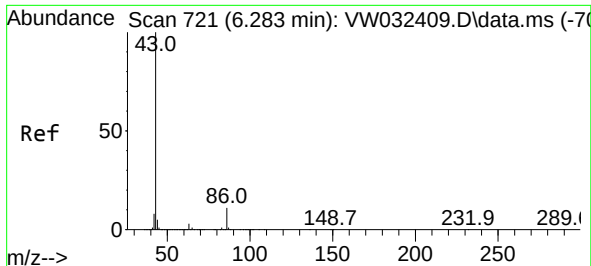
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#22
Diisopropyl ether
Concen: 20.393 ug/l
RT: 6.337 min Scan# 730
Delta R.T. -0.006 min
Lab File: VW032565.D
Acq: 03 Dec 2025 12:15

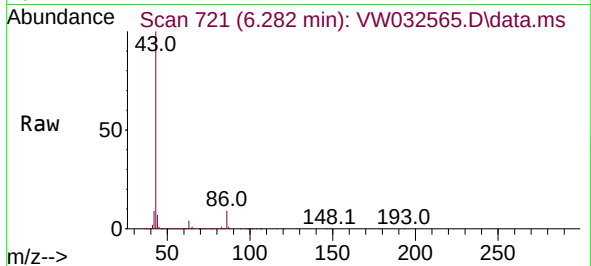
Tgt Ion: 45 Resp: 336499
Ion Ratio Lower Upper
45 100
43 64.3 44.5 66.7
87 25.3 19.7 29.5
59 11.0 9.0 13.6





#23
 Vinyl Acetate
 Concen: 101.376 ug/l
 RT: 6.282 min Scan# 721
 Delta R.T. -0.000 min
 Lab File: VW032565.D
 Acq: 03 Dec 2025 12:15

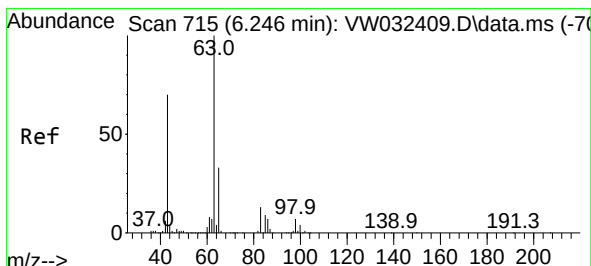
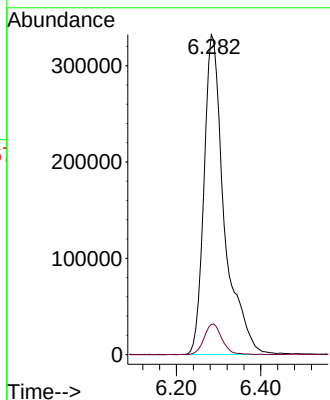
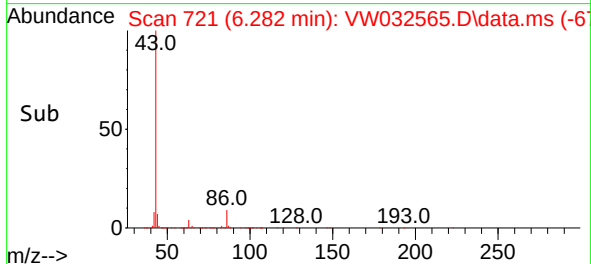
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC020



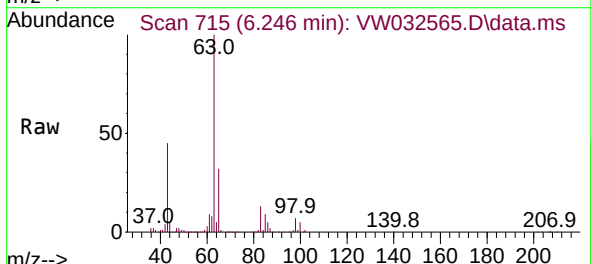
Tgt Ion: 43 Resp: 1108410
 Ion Ratio Lower Upper
 43 100
 86 9.4 7.8 11.8

Manual Integrations
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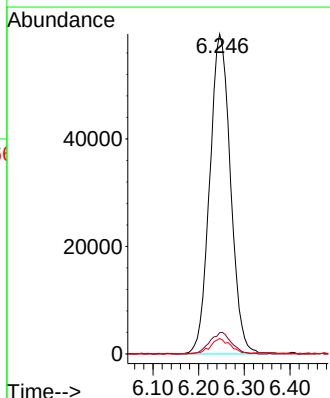
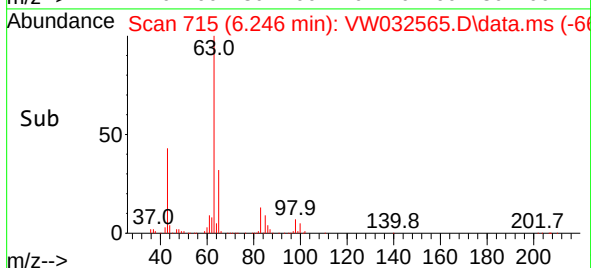
Reviewed By :John Carlone 12/04/2025
 Supervised By :Semsettin Yesilyurt 12/04/2025

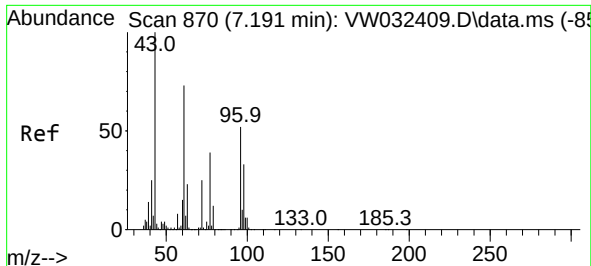


#24
 1,1-Dichloroethane
 Concen: 19.652 ug/l
 RT: 6.246 min Scan# 715
 Delta R.T. -0.000 min
 Lab File: VW032565.D
 Acq: 03 Dec 2025 12:15



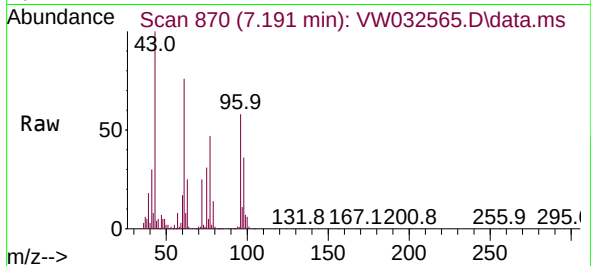
Tgt Ion: 63 Resp: 188266
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.4 10.2
 100 4.8 2.3 6.8





#25
2-Butanone
Concen: 99.335 ug/l
RT: 7.191 min Scan# 870
Delta R.T. -0.000 min
Lab File: VW032565.D
Acq: 03 Dec 2025 12:15

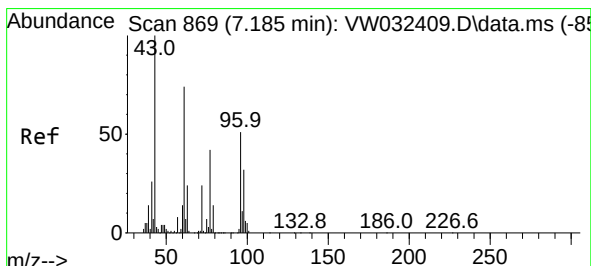
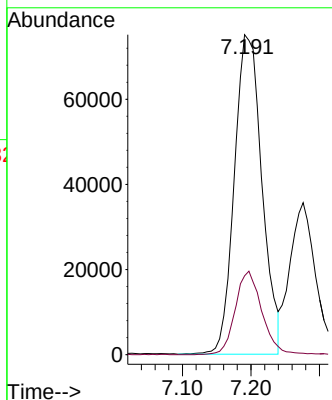
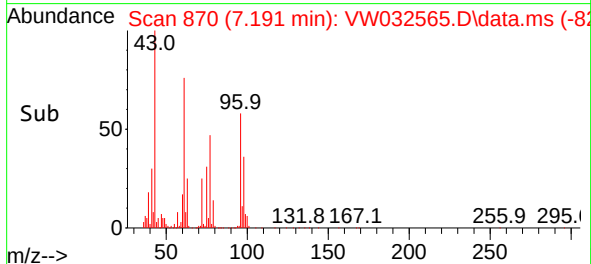
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020



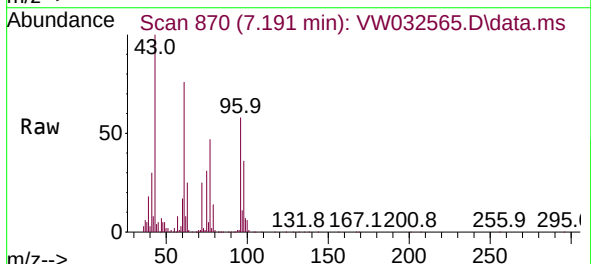
Tgt Ion: 43 Resp: 209926
Ion Ratio Lower Upper
43 100
72 24.7 19.7 29.5

Manual Integrations
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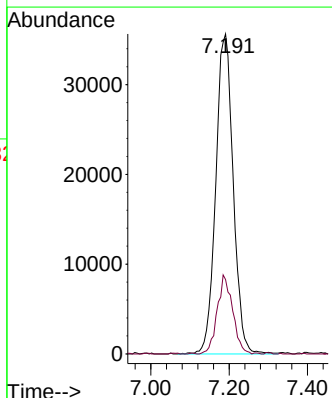
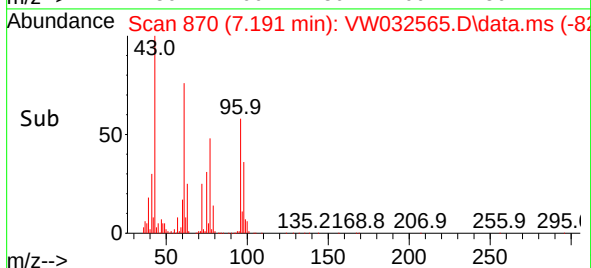
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

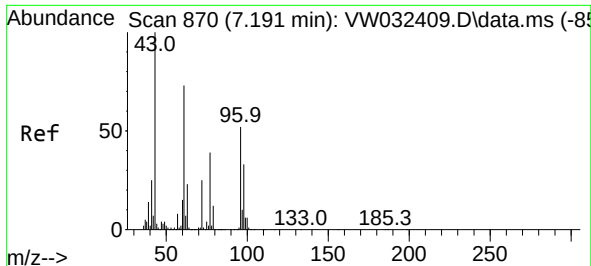


#26
2,2-Dichloropropane
Concen: 19.822 ug/l
RT: 7.191 min Scan# 870
Delta R.T. 0.006 min
Lab File: VW032565.D
Acq: 03 Dec 2025 12:15



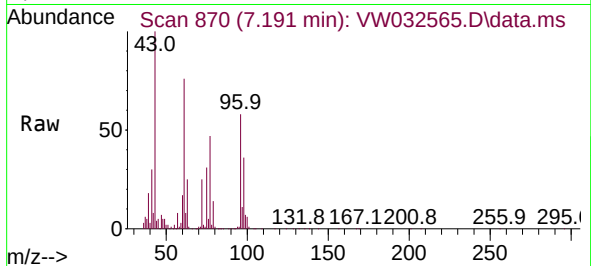
Tgt Ion: 77 Resp: 110084
Ion Ratio Lower Upper
77 100
97 21.7 11.6 34.7





#27
 cis-1,2-Dichloroethene
 Concen: 19.667 ug/l
 RT: 7.191 min Scan# 870
 Delta R.T. -0.000 min
 Lab File: VW032565.D
 Acq: 03 Dec 2025 12:15

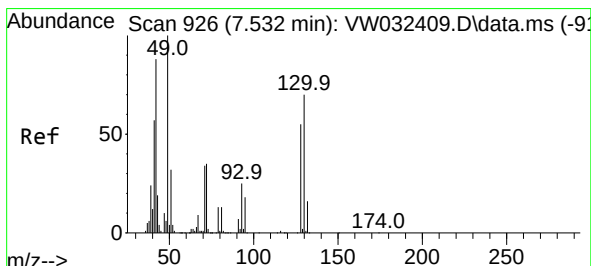
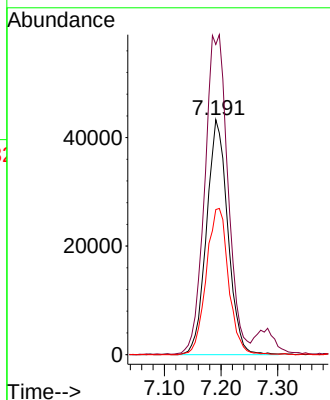
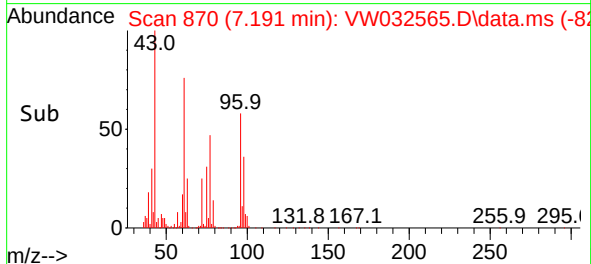
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC020



Tgt Ion: 96 Resp: 112996
 Ion Ratio Lower Upper
 96 100
 61 148.5 0.0 298.6
 98 65.1 0.0 129.2

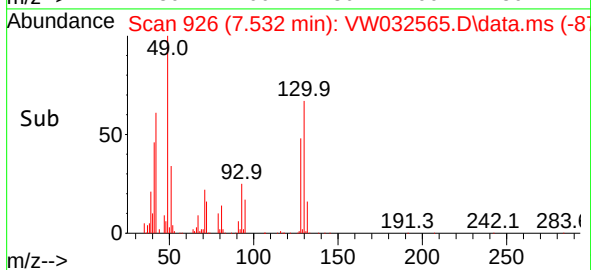
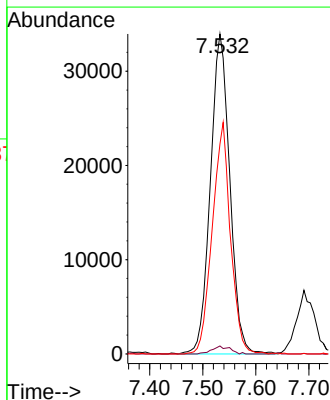
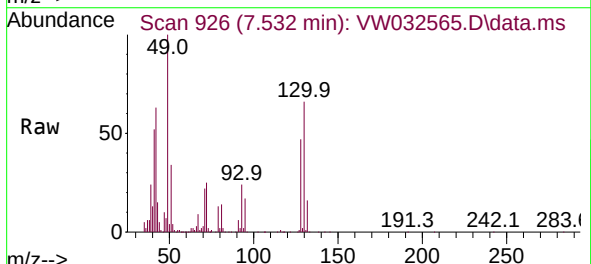
Manual Integrations
 APPROVED

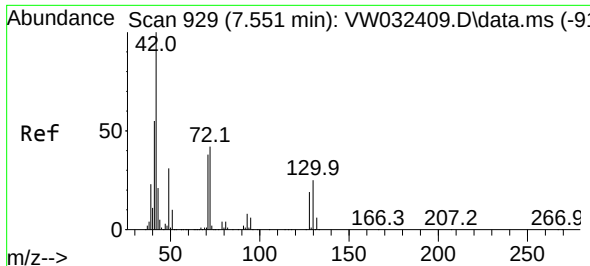
Reviewed By :John Carbone 12/04/2025
 Supervised By :Semsettin Yesilyurt 12/04/2025



#28
 Bromochloromethane
 Concen: 20.072 ug/l
 RT: 7.532 min Scan# 926
 Delta R.T. -0.000 min
 Lab File: VW032565.D
 Acq: 03 Dec 2025 12:15

Tgt Ion: 49 Resp: 86379
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 3.6
 130 67.7 54.1 81.1





#29

Tetrahydrofuran

Concen: 103.175 ug/l

RT: 7.557 min Scan# 930

Delta R.T. 0.006 min

Lab File: VW032565.D

Acq: 03 Dec 2025 12:15

Instrument :

MSVOA_W

ClientSampleId :

VSTDICC020

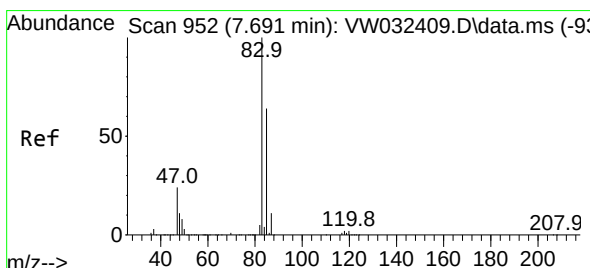
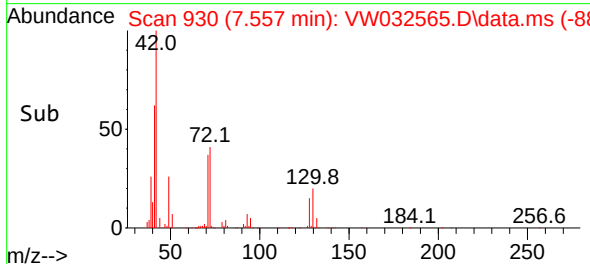
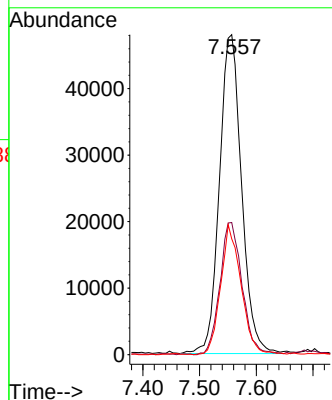
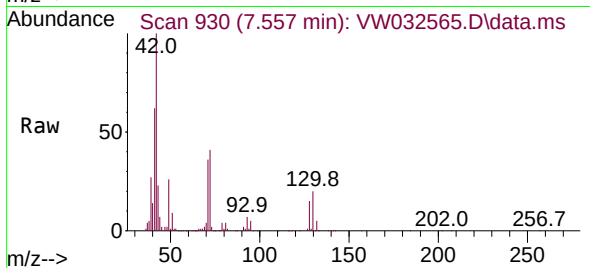
Tgt Ion:	42	Resp:	130189
Ion Ratio	Lower	Upper	
42	100		
72	41.5	32.4	48.6
71	37.6	31.1	46.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2025

Supervised By :Semsettin Yesilyurt 12/04/2025



#30

Chloroform

Concen: 19.633 ug/l

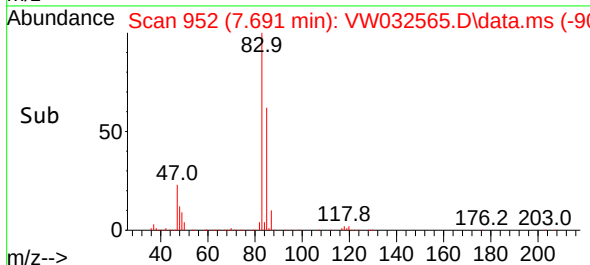
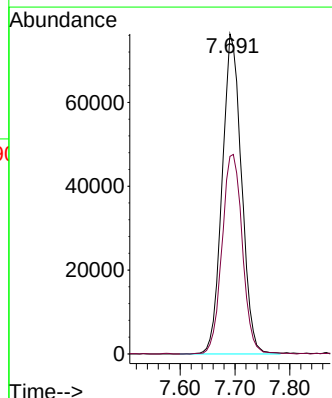
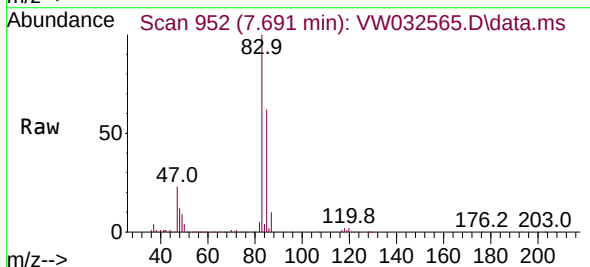
RT: 7.691 min Scan# 952

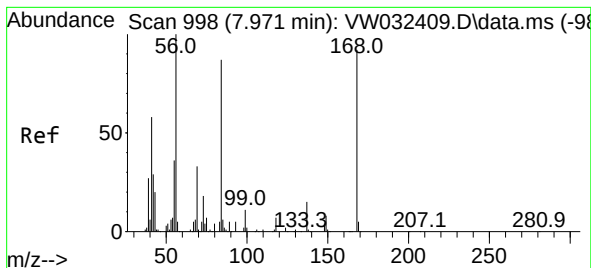
Delta R.T. -0.006 min

Lab File: VW032565.D

Acq: 03 Dec 2025 12:15

Tgt Ion:	83	Resp:	186659
Ion Ratio	Lower	Upper	
83	100		
85	61.7	53.1	79.7





#31

Cyclohexane

Concen: 19.528 ug/l

RT: 7.971 min Scan# 998

Delta R.T. -0.000 min

Lab File: VW032565.D

Acq: 03 Dec 2025 12:15

Instrument :

MSVOA_W

ClientSampleId :

VSTDICC020

Tgt Ion: 56 Resp: 164964

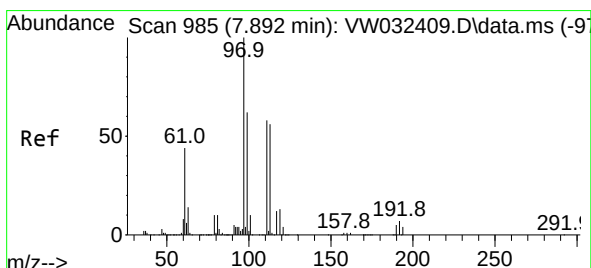
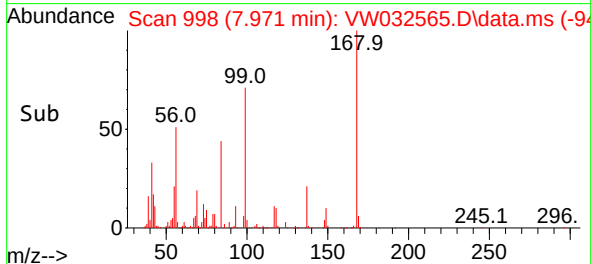
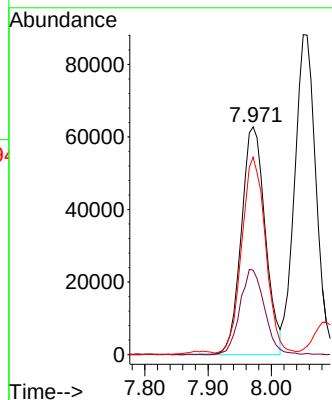
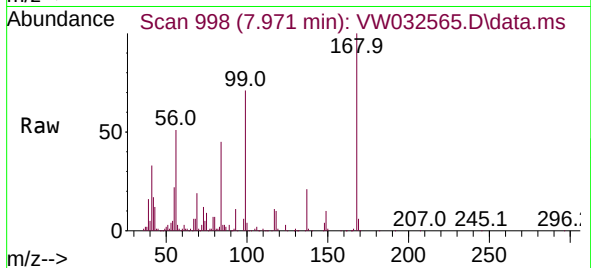
Ion	Ratio	Lower	Upper
56	100		
69	37.0	27.3	40.9
84	86.2	67.5	101.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2025

Supervised By :Semsettin Yesilyurt 12/04/2025



#32

1,1,1-Trichloroethane

Concen: 19.545 ug/l

RT: 7.886 min Scan# 984

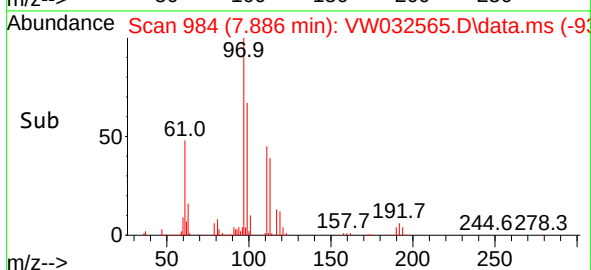
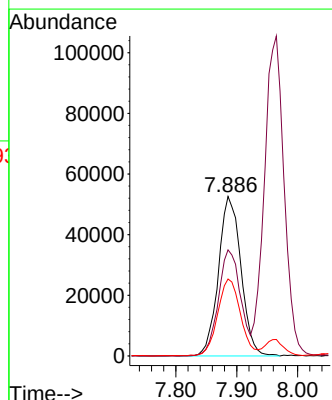
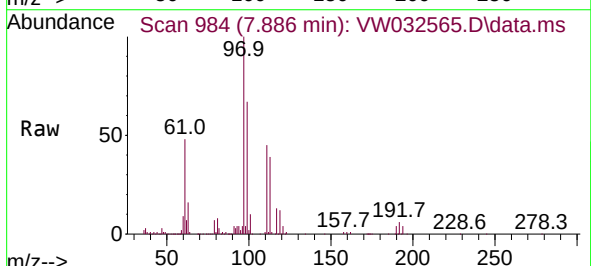
Delta R.T. -0.000 min

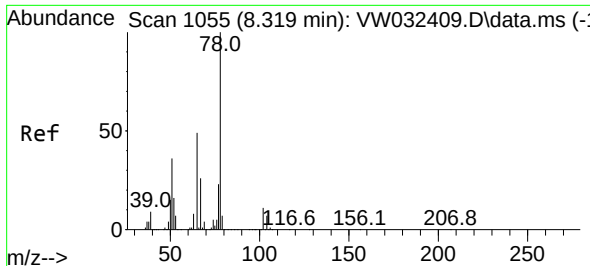
Lab File: VW032565.D

Acq: 03 Dec 2025 12:15

Tgt Ion: 97 Resp: 134867

Ion	Ratio	Lower	Upper
97	100		
99	65.6	51.8	77.8
61	48.6	37.8	56.8





#33

1,2-Dichloroethane-d4

Concen: 20.307 ug/l

RT: 8.319 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VW032565.D

Acq: 03 Dec 2025 12:15

Instrument :

MSVOA_W

ClientSampleId :

VSTDICC020

Tgt Ion: 65 Resp: 107014

Ion Ratio Lower Upper

65 100

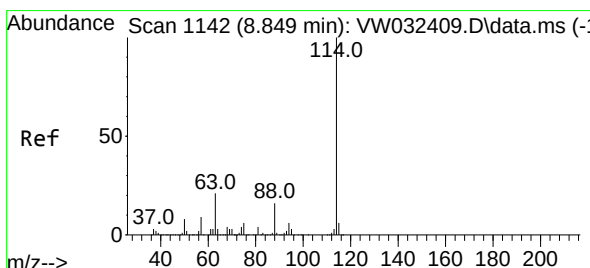
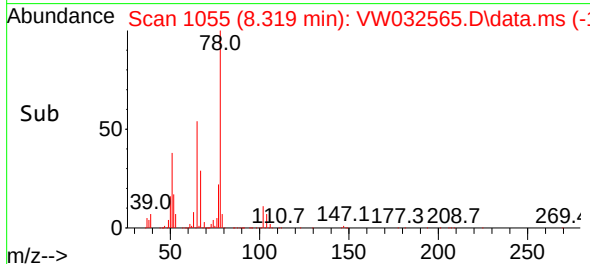
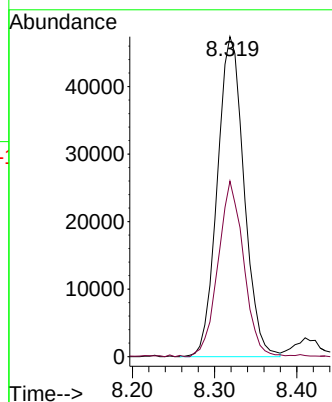
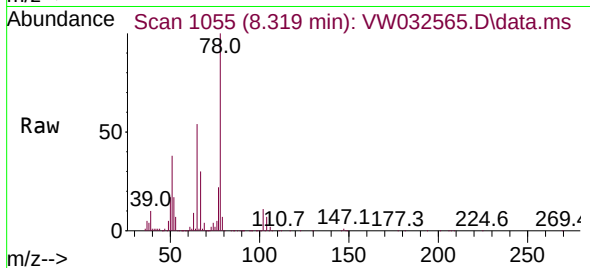
67 52.4 0.0 108.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2025

Supervised By :Semsettin Yesilyurt 12/04/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1143

Delta R.T. -0.000 min

Lab File: VW032565.D

Acq: 03 Dec 2025 12:15

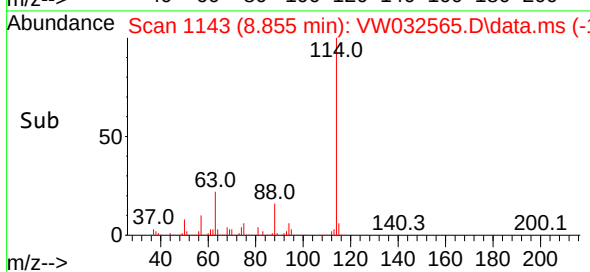
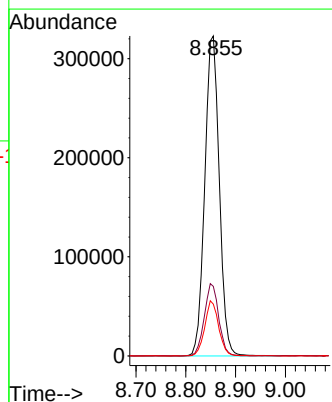
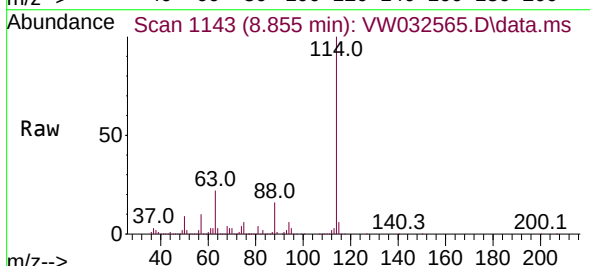
Tgt Ion:114 Resp: 652216

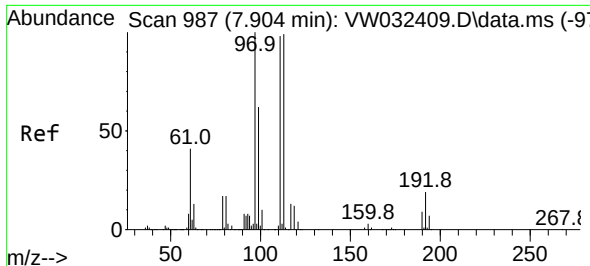
Ion Ratio Lower Upper

114 100

63 21.7 0.0 40.6

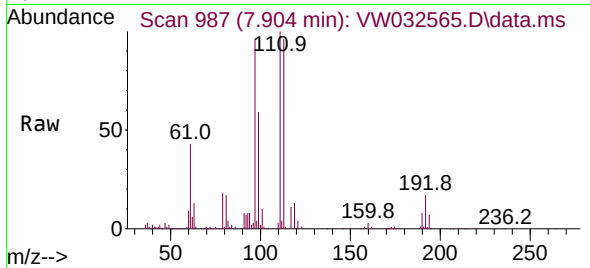
88 16.2 0.0 31.2





#35
Dibromofluoromethane
Concen: 20.020 ug/l
RT: 7.904 min Scan# 987
Delta R.T. -0.000 min
Lab File: VW032565.D
Acq: 03 Dec 2025 12:15

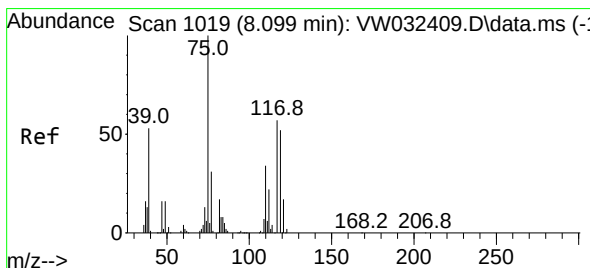
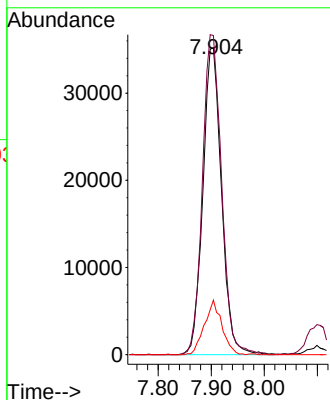
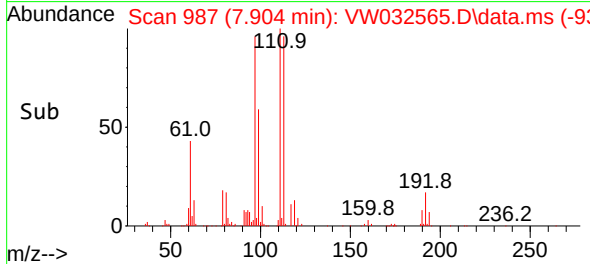
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020



Tgt Ion: 113 Resp: 85926
Ion Ratio Lower Upper
113 100
111 106.9 83.4 125.0
192 16.6 13.4 20.2

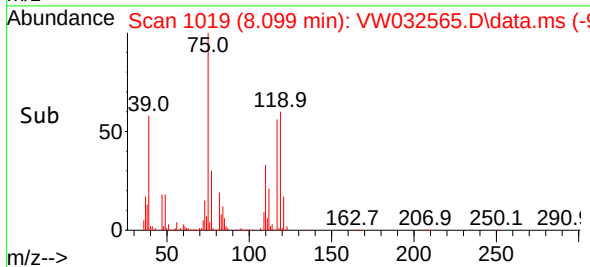
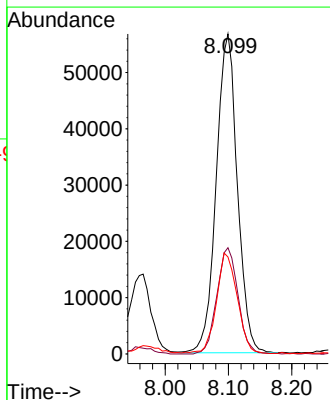
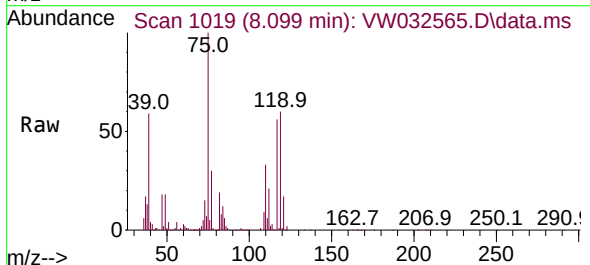
Manual Integrations
APPROVED

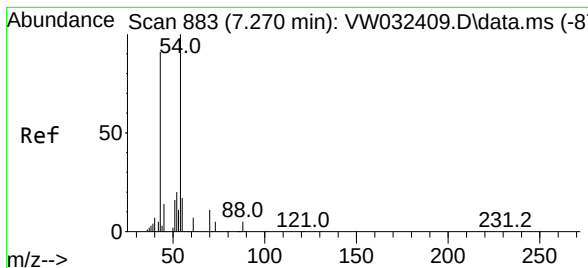
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#36
1,1-Dichloropropene
Concen: 20.128 ug/l
RT: 8.099 min Scan# 1019
Delta R.T. 0.006 min
Lab File: VW032565.D
Acq: 03 Dec 2025 12:15

Tgt Ion: 75 Resp: 131768
Ion Ratio Lower Upper
75 100
110 33.2 16.9 50.6
77 31.0 24.6 37.0





#37

Ethyl Acetate

Concen: 21.379 ug/l

RT: 7.276 min Scan# 883

Delta R.T. -0.000 min

Lab File: VW032565.D

Acq: 03 Dec 2025 12:15

Instrument :

MSVOA_W

ClientSampleId :

VSTDICC020

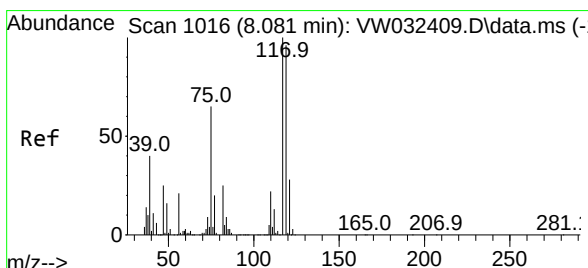
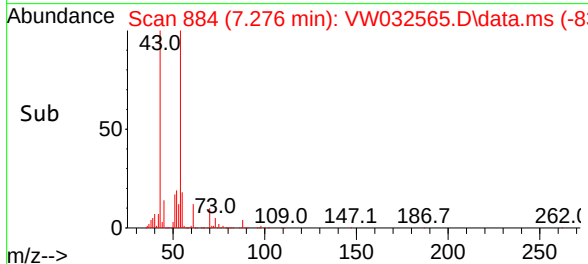
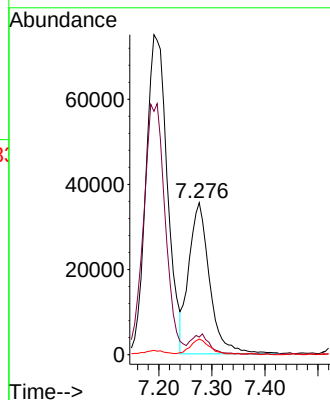
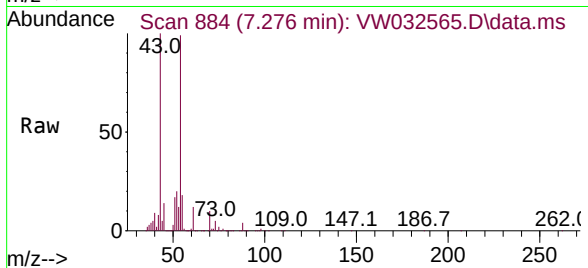
Tgt Ion:	43	Resp:	96856
Ion Ratio	Lower	Upper	
43	100		
61	11.8	10.6	16.0
70	9.3	7.9	11.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2025

Supervised By :Semsettin Yesilyurt 12/04/2025



#38

Carbon Tetrachloride

Concen: 19.687 ug/l

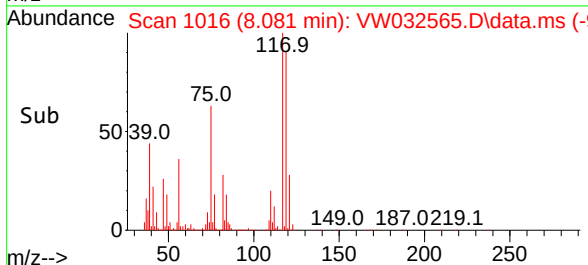
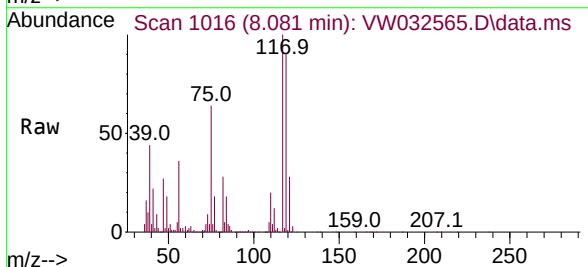
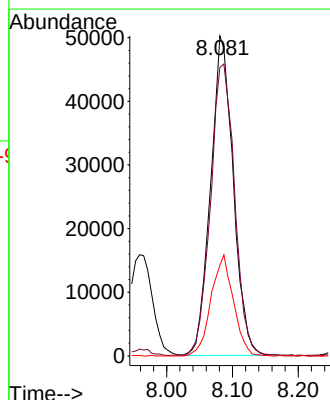
RT: 8.081 min Scan# 1016

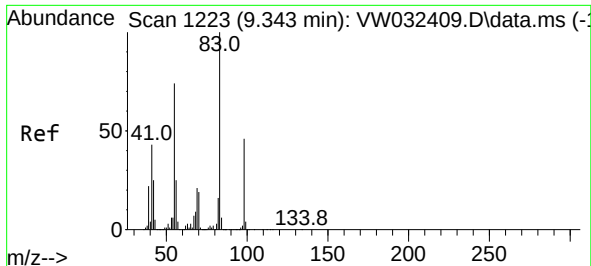
Delta R.T. -0.000 min

Lab File: VW032565.D

Acq: 03 Dec 2025 12:15

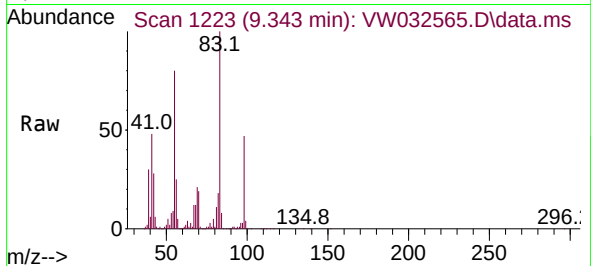
Tgt Ion:	117	Resp:	119740
Ion Ratio	Lower	Upper	
117	100		
119	90.1	76.9	115.3
121	28.3	25.4	38.2





#39
Methylcyclohexane
Concen: 19.250 ug/l
RT: 9.343 min Scan# 1223
Delta R.T. -0.000 min
Lab File: VW032565.D
Acq: 03 Dec 2025 12:15

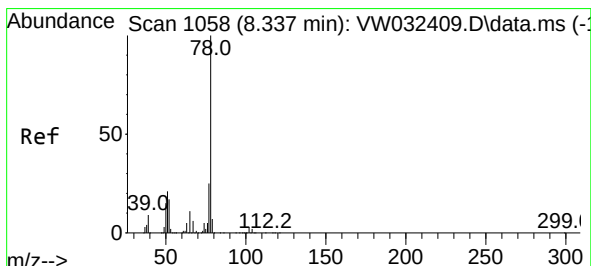
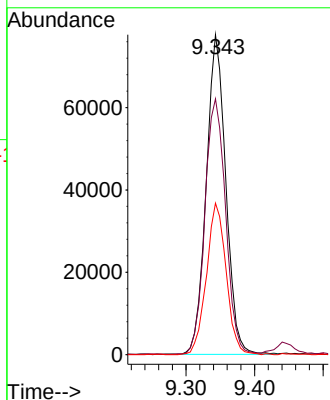
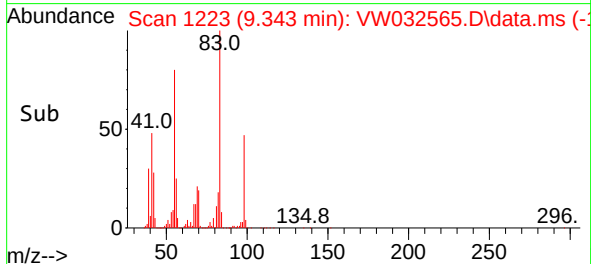
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020



Tgt Ion: 83 Resp: 153883
Ion Ratio Lower Upper
83 100
55 79.6 64.9 97.3
98 47.4 36.2 54.4

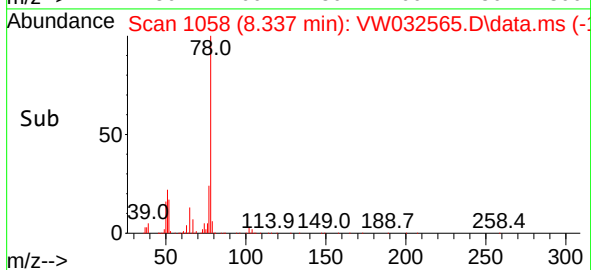
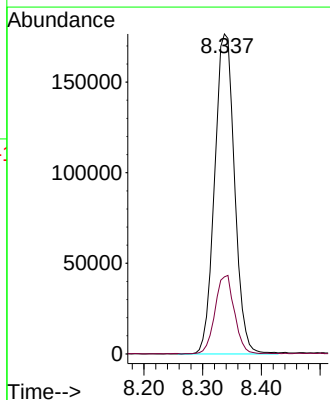
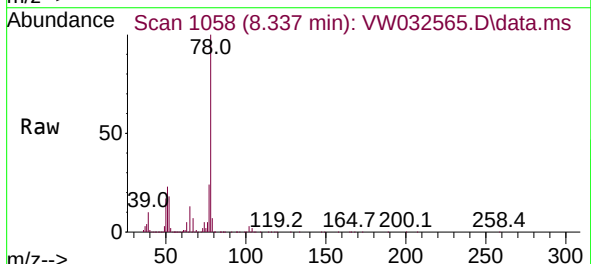
Manual Integrations
APPROVED

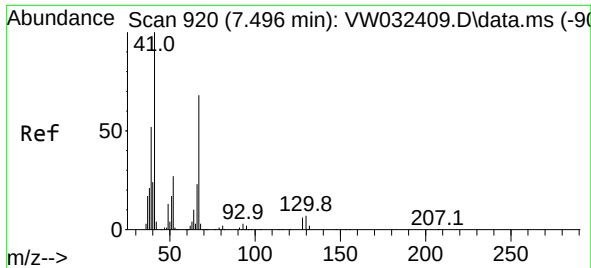
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#40
Benzene
Concen: 19.957 ug/l
RT: 8.337 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VW032565.D
Acq: 03 Dec 2025 12:15

Tgt Ion: 78 Resp: 416343
Ion Ratio Lower Upper
78 100
77 24.0 20.0 30.0





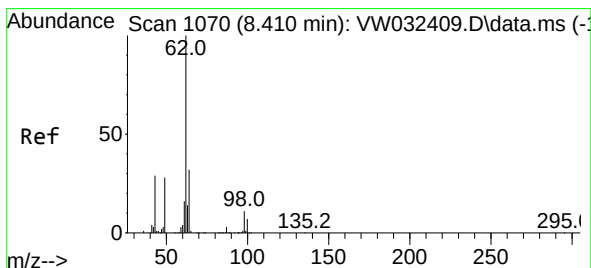
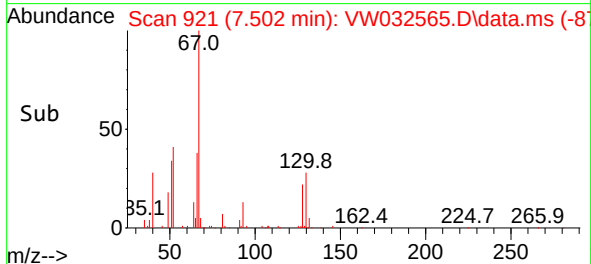
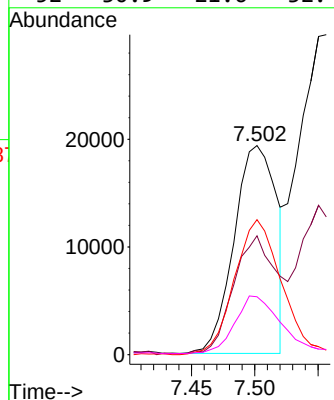
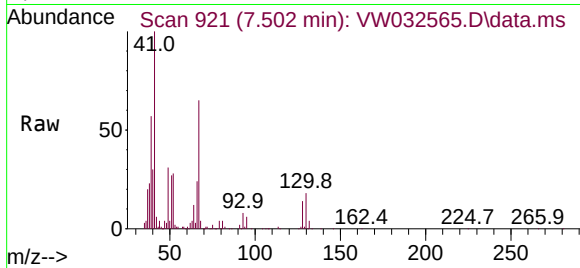
#41
Methacrylonitrile
Concen: 18.390 ug/l
RT: 7.502 min Scan# 91
Delta R.T. 0.006 min
Lab File: VW032565.D
Acq: 03 Dec 2025 12:15

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Tgt Ion: 41 Resp: 4508
Ion Ratio Lower Upper
41 100
39 60.6 38.5 57.7
67 73.1 49.8 74.6
52 30.9 21.6 32.4

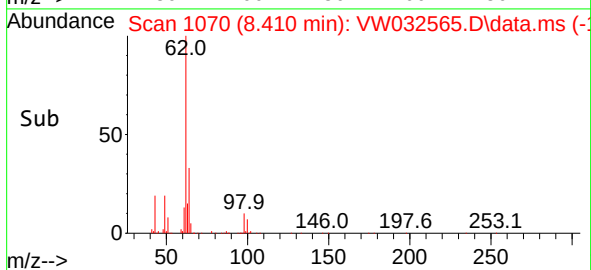
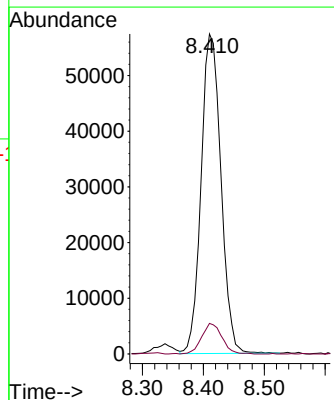
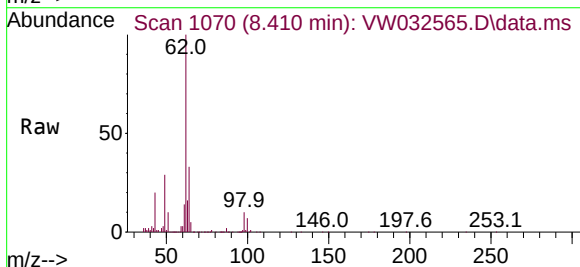
Manual Integrations
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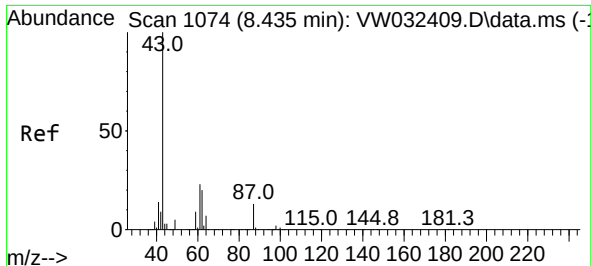
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#42
1,2-Dichloroethane
Concen: 20.309 ug/l
RT: 8.410 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VW032565.D
Acq: 03 Dec 2025 12:15

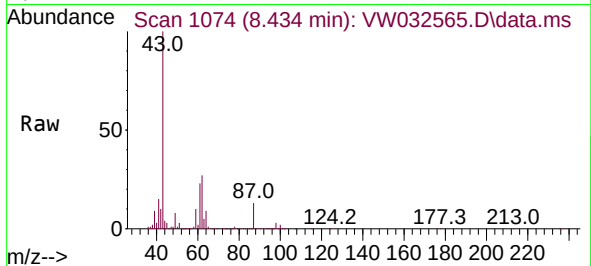
Tgt Ion: 62 Resp: 129904
Ion Ratio Lower Upper
62 100
98 9.7 0.0 19.0





#43
Isopropyl Acetate
Concen: 20.186 ug/l
RT: 8.434 min Scan# 1074
Delta R.T. -0.000 min
Lab File: VW032565.D
Acq: 03 Dec 2025 12:15

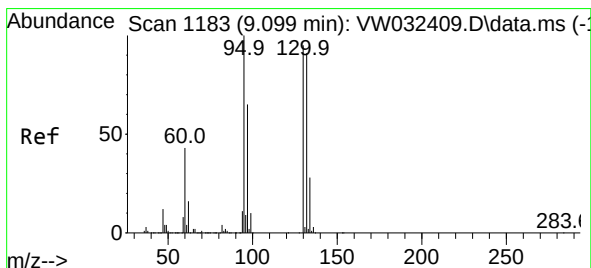
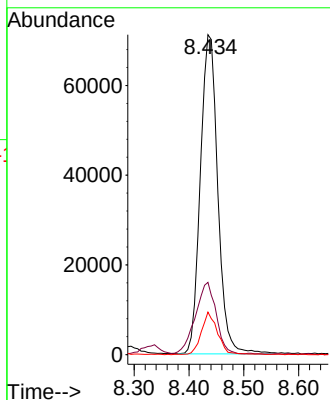
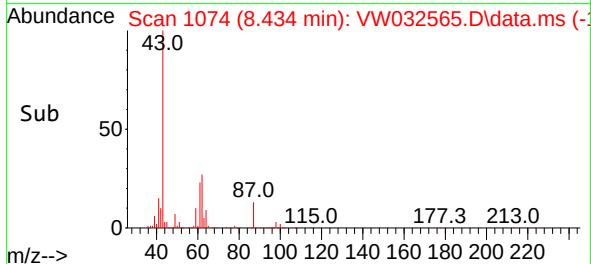
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020



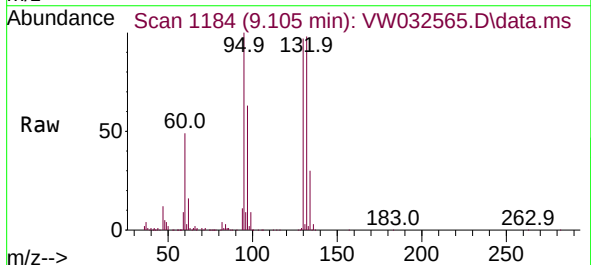
Tgt Ion: 43 Resp: 157195
Ion Ratio Lower Upper
43 100
61 26.5 22.3 33.5
87 12.4 9.9 14.9

Manual Integrations
APPROVED

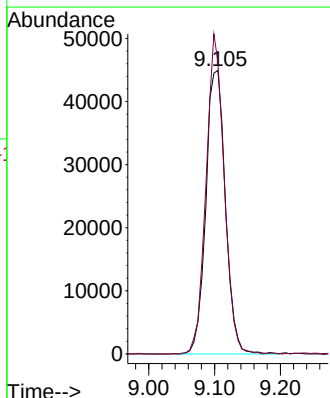
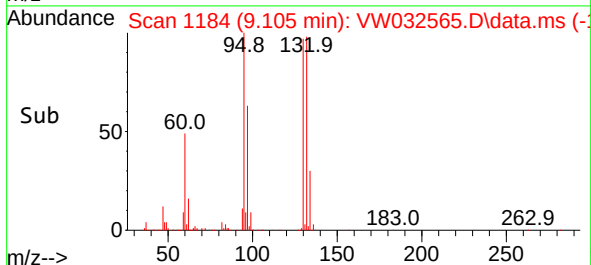
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

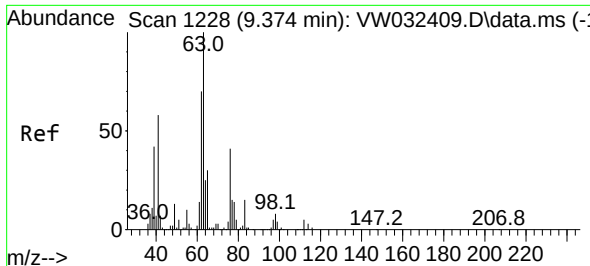


#44
Trichloroethene
Concen: 19.880 ug/l
RT: 9.105 min Scan# 1184
Delta R.T. -0.000 min
Lab File: VW032565.D
Acq: 03 Dec 2025 12:15



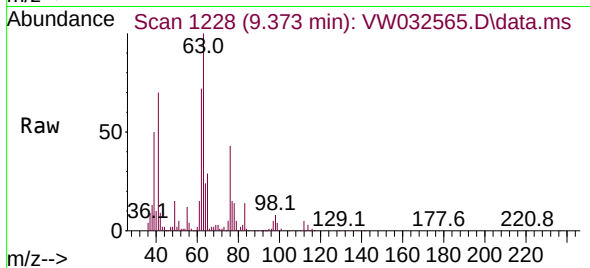
Tgt Ion:130 Resp: 92695
Ion Ratio Lower Upper
130 100
95 103.0 0.0 190.4





#45
1,2-Dichloropropane
Concen: 20.272 ug/l
RT: 9.373 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VW032565.D
Acq: 03 Dec 2025 12:15

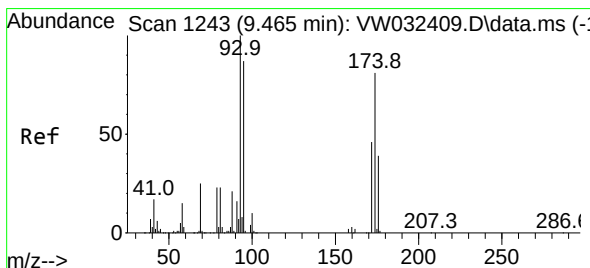
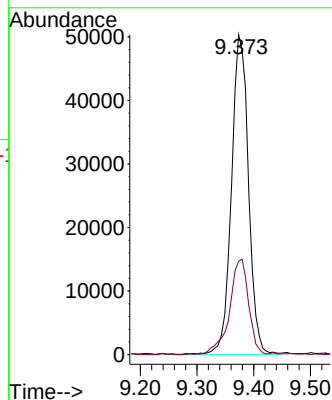
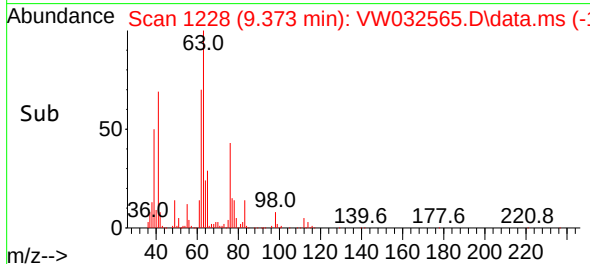
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020



Tgt Ion: 63 Resp: 10504
Ion Ratio Lower Upper
63 100
65 29.0 26.5 39.7

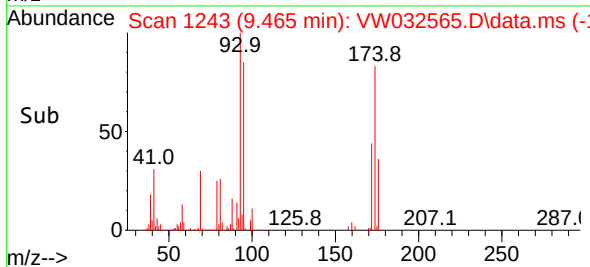
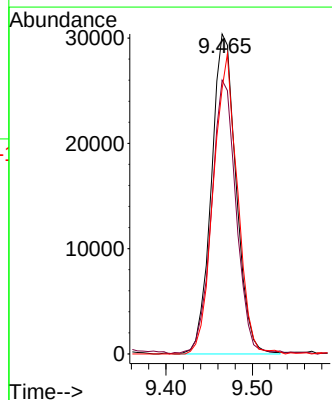
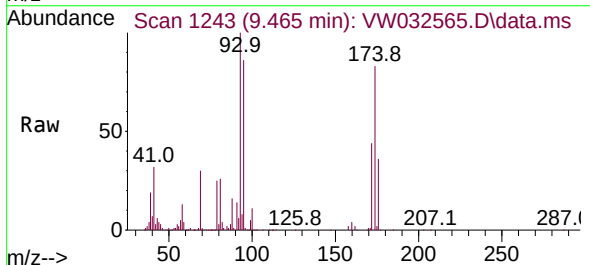
Manual Integrations
APPROVED

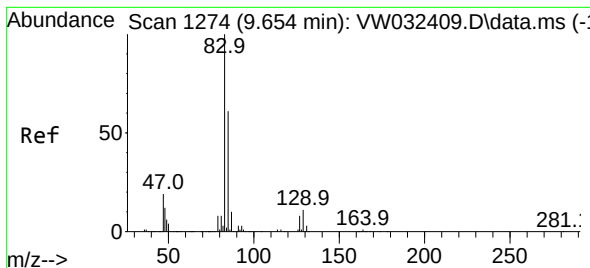
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#46
Dibromomethane
Concen: 20.106 ug/l
RT: 9.465 min Scan# 1243
Delta R.T. -0.000 min
Lab File: VW032565.D
Acq: 03 Dec 2025 12:15

Tgt Ion: 93 Resp: 60249
Ion Ratio Lower Upper
93 100
95 85.8 66.4 99.6
174 91.1 65.3 97.9





#47

Bromodichloromethane

Concen: 19.640 ug/l

RT: 9.654 min Scan# 1274

Delta R.T. -0.000 min

Lab File: VW032565.D

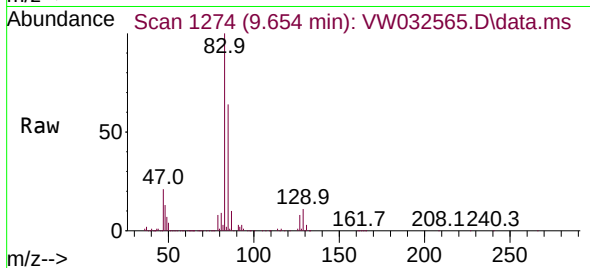
Acq: 03 Dec 2025 12:15

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020



Tgt Ion: 83 Resp: 13793

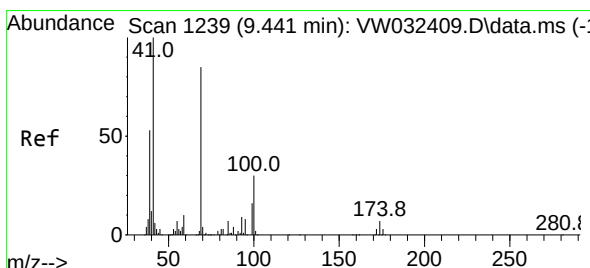
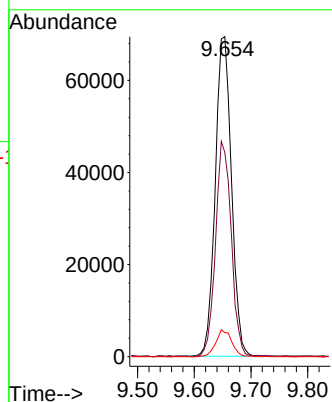
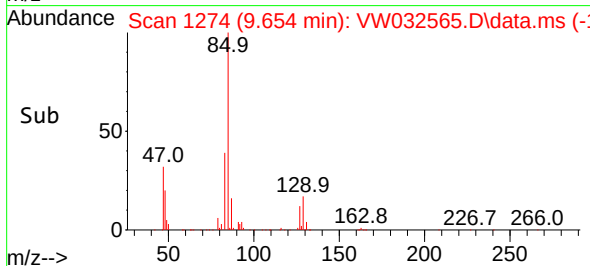
Ion	Ratio	Lower	Upper
83	100		
85	63.8	50.8	76.2
127	7.5	7.0	10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2025

Supervised By :Semsettin Yesilyurt 12/04/2025



#48

Methyl methacrylate

Concen: 19.661 ug/l

RT: 9.440 min Scan# 1239

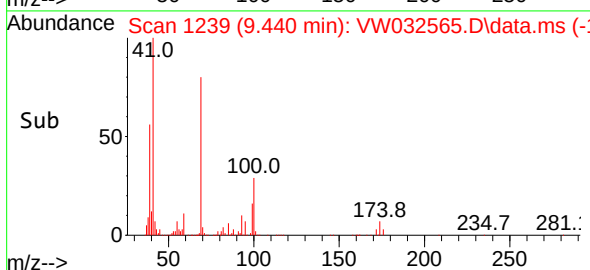
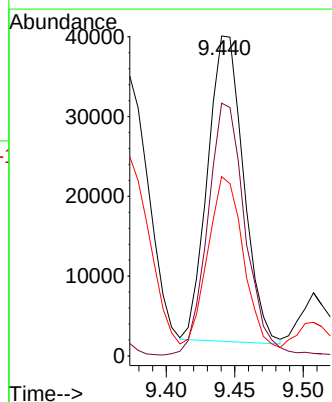
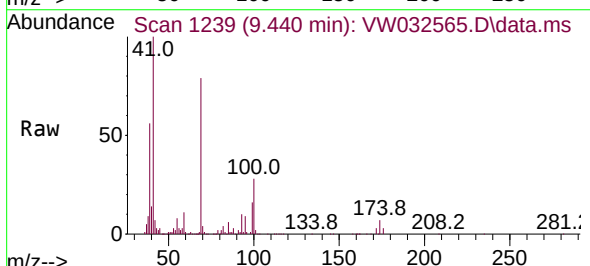
Delta R.T. -0.000 min

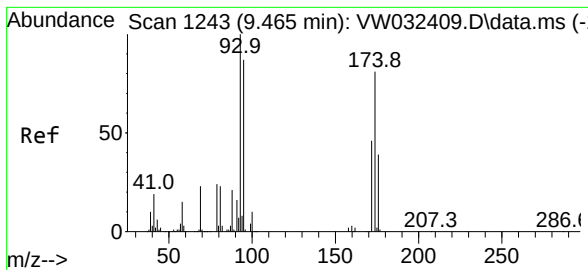
Lab File: VW032565.D

Acq: 03 Dec 2025 12:15

Tgt Ion: 41 Resp: 69599

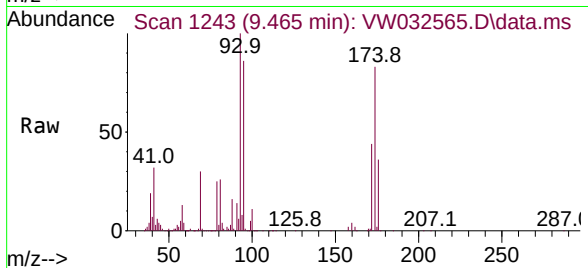
Ion	Ratio	Lower	Upper
41	100		
69	86.3	62.1	93.1
39	55.5	39.1	58.7





#49
 1,4-Dioxane
 Concen: 426.023 ug/l
 RT: 9.465 min Scan# 1243
 Delta R.T. 0.006 min
 Lab File: VW032565.D
 Acq: 03 Dec 2025 12:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC020

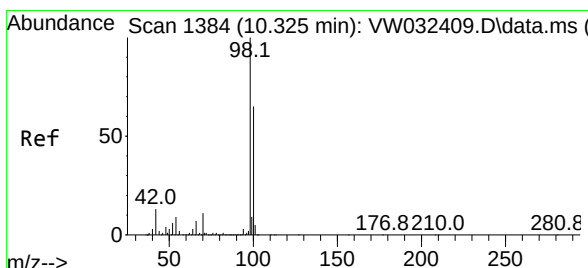
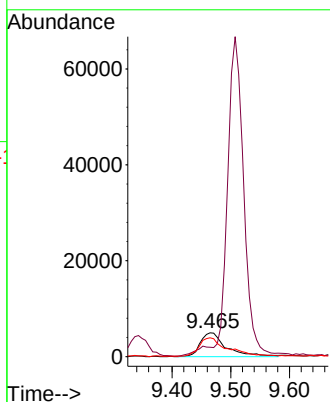
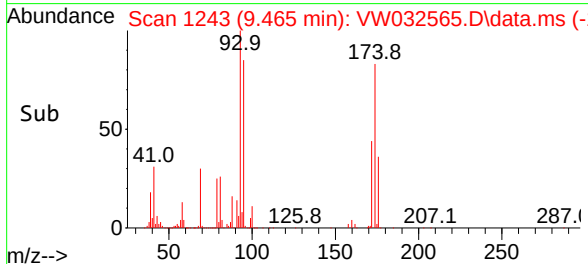


Tgt Ion: 88 Resp: 15254

Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	83.0	65.2	97.8

Manual Integrations
 APPROVED

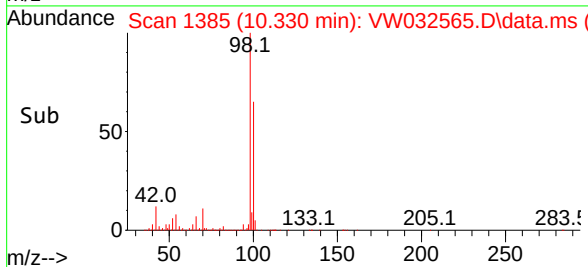
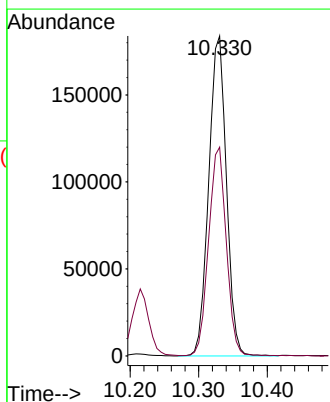
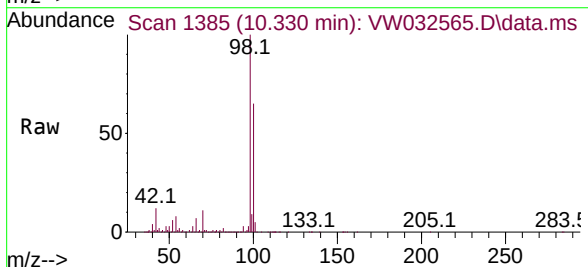
Reviewed By :John Carlone 12/04/2025
 Supervised By :Semsettin Yesilyurt 12/04/2025

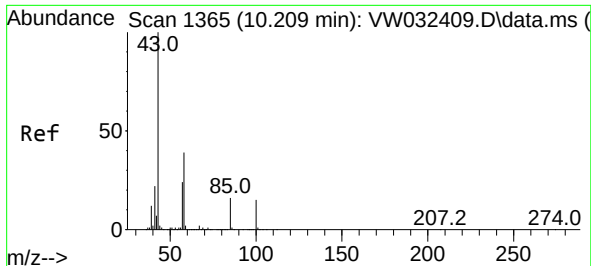


#50
 Toluene-d8
 Concen: 20.393 ug/l
 RT: 10.330 min Scan# 1385
 Delta R.T. 0.006 min
 Lab File: VW032565.D
 Acq: 03 Dec 2025 12:15

Tgt Ion: 98 Resp: 329350

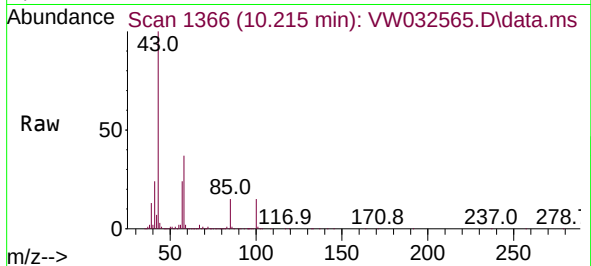
Ion	Ratio	Lower	Upper
98	100		
100	65.1	54.7	82.1





#51
4-Methyl-2-Pentanone
Concen: 104.510 ug/l
RT: 10.215 min Scan# 1366
Delta R.T. -0.000 min
Lab File: VW032565.D
Acq: 03 Dec 2025 12:15

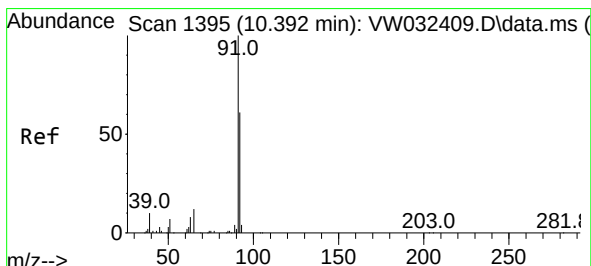
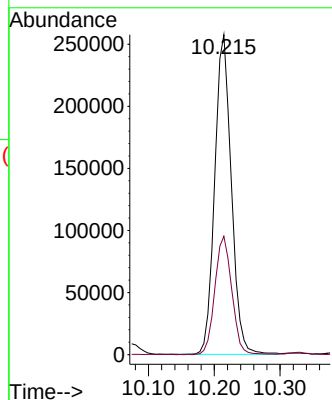
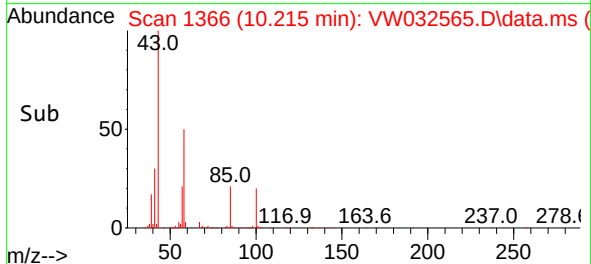
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020



Tgt Ion: 43 Resp: 450329
Ion Ratio Lower Upper
43 100
58 37.8 30.5 45.7

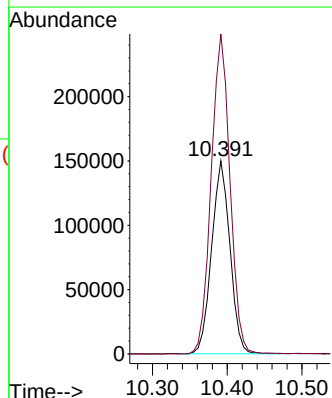
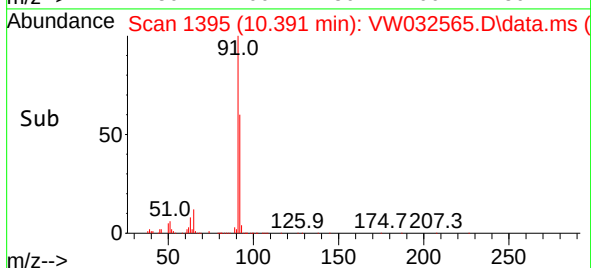
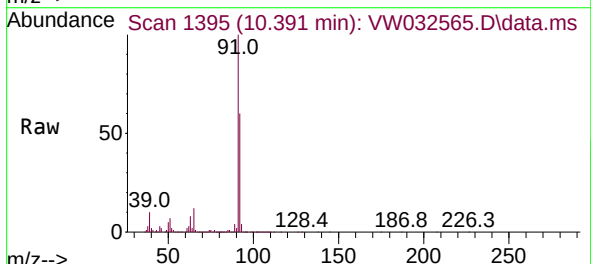
Manual Integrations
APPROVED

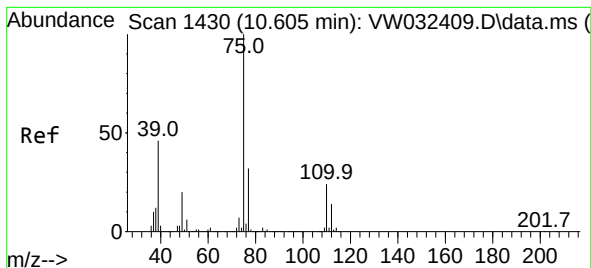
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#52
Toluene
Concen: 20.279 ug/l
RT: 10.391 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VW032565.D
Acq: 03 Dec 2025 12:15

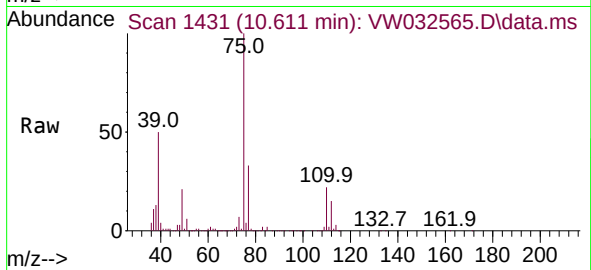
Tgt Ion: 92 Resp: 254918
Ion Ratio Lower Upper
92 100
91 170.4 138.6 207.8





#53
t-1,3-Dichloropropene
Concen: 19.664 ug/l
RT: 10.611 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VW032565.D
Acq: 03 Dec 2025 12:15

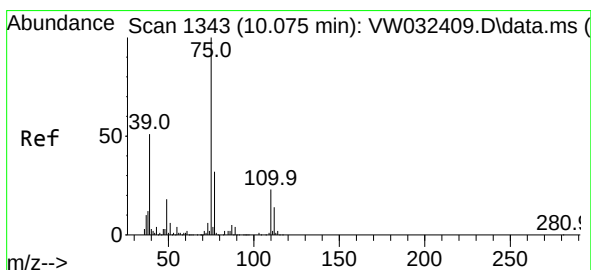
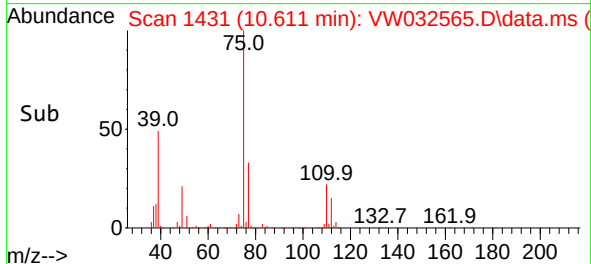
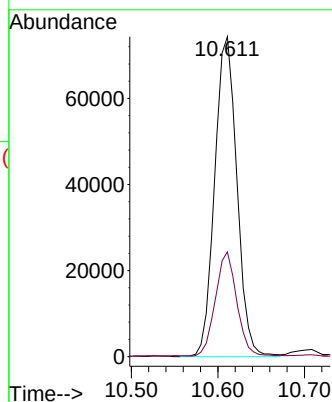
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020



Tgt Ion: 75 Resp: 132492
Ion Ratio Lower Upper
75 100
77 32.5 25.3 37.9

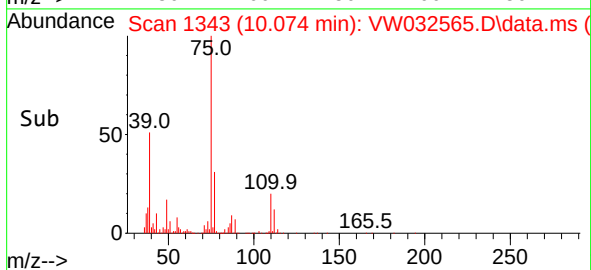
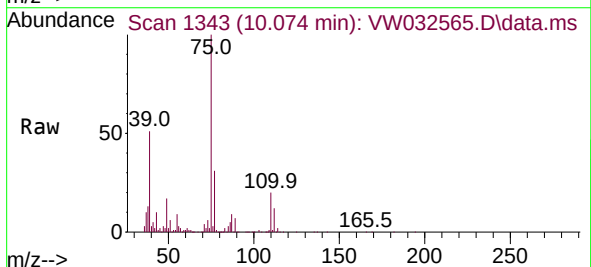
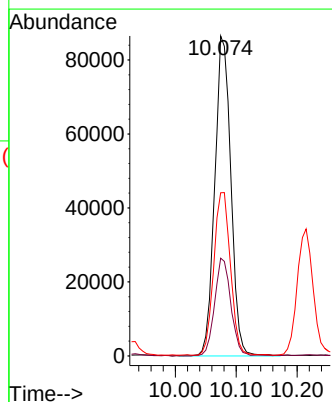
Manual Integrations
APPROVED

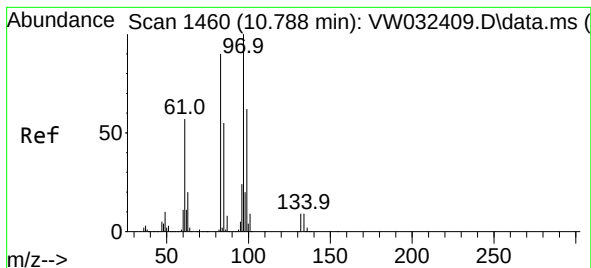
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#54
cis-1,3-Dichloropropene
Concen: 20.082 ug/l
RT: 10.074 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VW032565.D
Acq: 03 Dec 2025 12:15

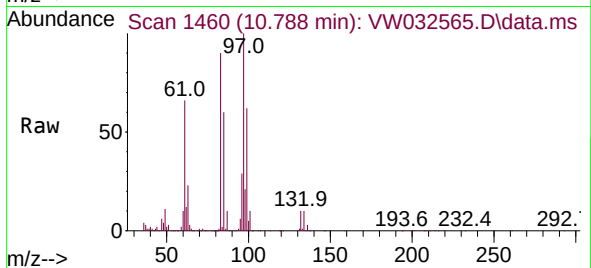
Tgt Ion: 75 Resp: 158793
Ion Ratio Lower Upper
75 100
77 30.5 26.5 39.7
39 50.7 42.9 64.3





#55
1,1,2-Trichloroethane
Concen: 20.112 ug/l
RT: 10.788 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VW032565.D
Acq: 03 Dec 2025 12:15

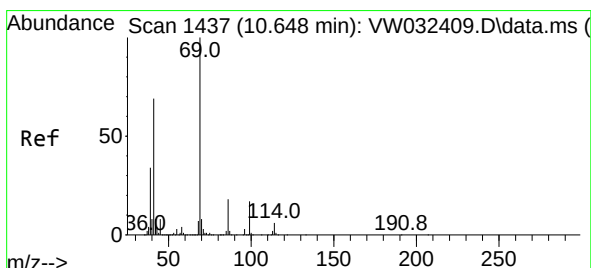
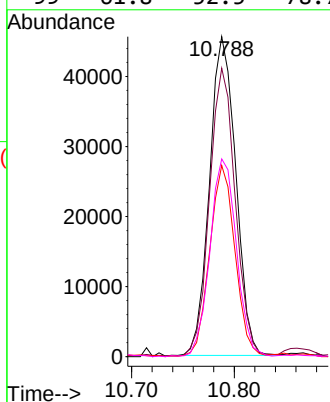
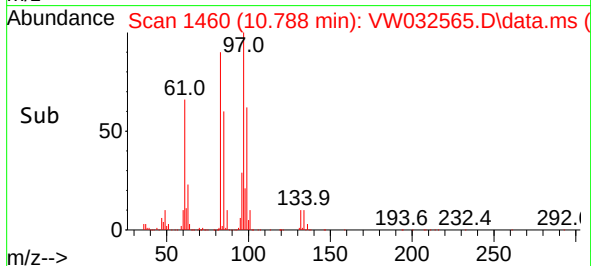
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020



Tgt Ion: 97 Resp: 80719
Ion Ratio Lower Upper
97 100
83 90.2 76.3 114.5
85 59.8 46.1 69.1
99 61.8 52.5 78.7

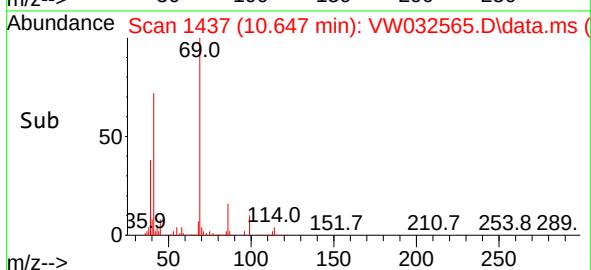
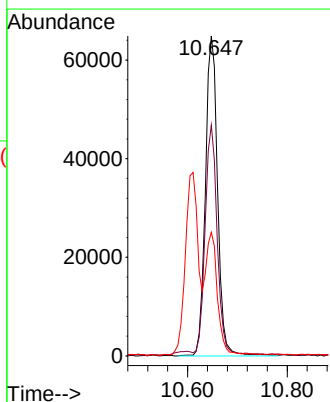
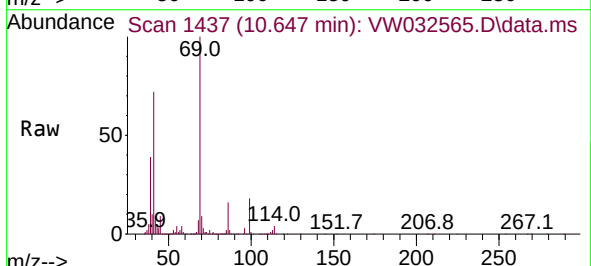
Manual Integrations
APPROVED

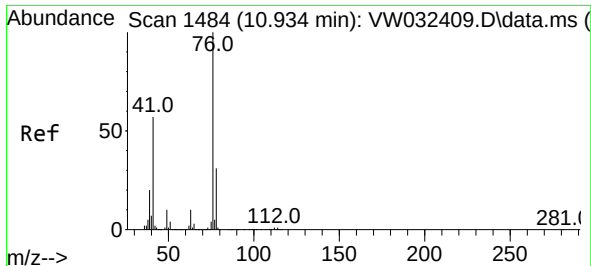
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#56
Ethyl methacrylate
Concen: 19.795 ug/l
RT: 10.647 min Scan# 1437
Delta R.T. -0.000 min
Lab File: VW032565.D
Acq: 03 Dec 2025 12:15

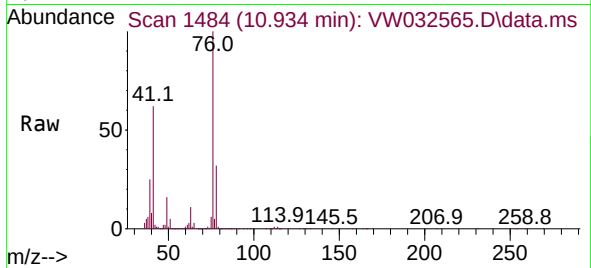
Tgt Ion: 69 Resp: 109870
Ion Ratio Lower Upper
69 100
41 71.3 56.2 84.4
39 36.0 26.9 40.3





#57
1,3-Dichloropropane
Concen: 20.644 ug/l
RT: 10.934 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VW032565.D
Acq: 03 Dec 2025 12:15

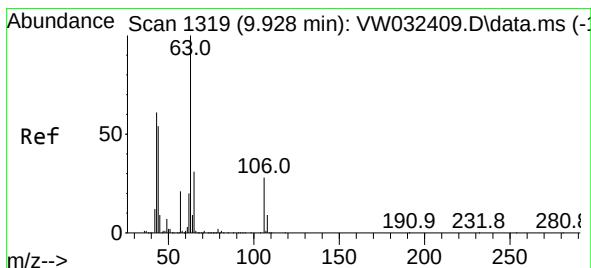
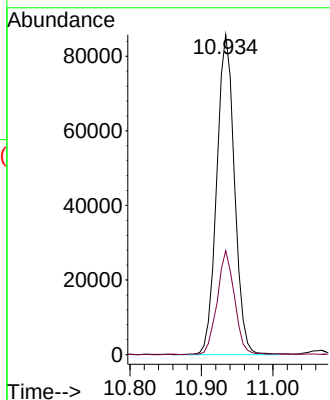
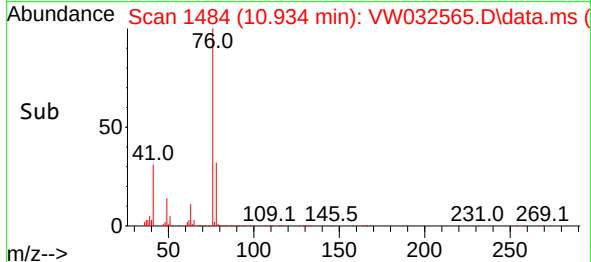
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020



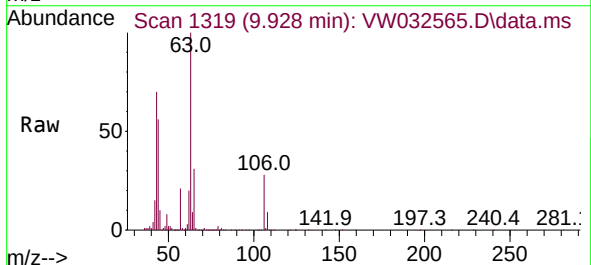
Tgt Ion: 76 Resp: 14787
Ion Ratio Lower Upper
76 100
78 31.7 25.4 38.0

Manual Integrations
APPROVED

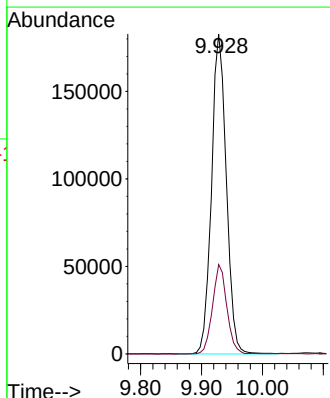
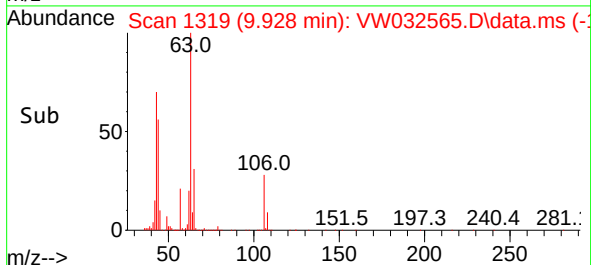
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

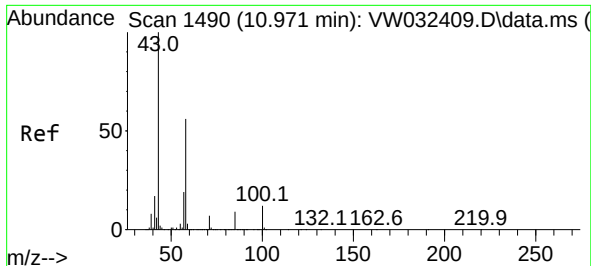


#58
2-Chloroethyl Vinyl ether
Concen: 106.221 ug/l
RT: 9.928 min Scan# 1319
Delta R.T. -0.000 min
Lab File: VW032565.D
Acq: 03 Dec 2025 12:15



Tgt Ion: 63 Resp: 308913
Ion Ratio Lower Upper
63 100
106 27.1 21.5 32.3





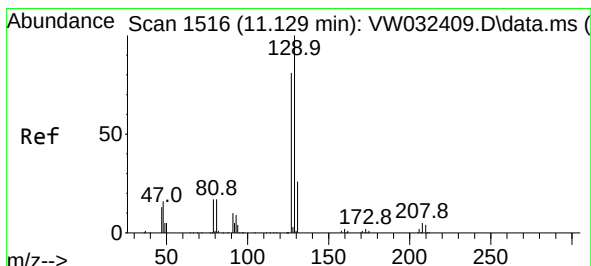
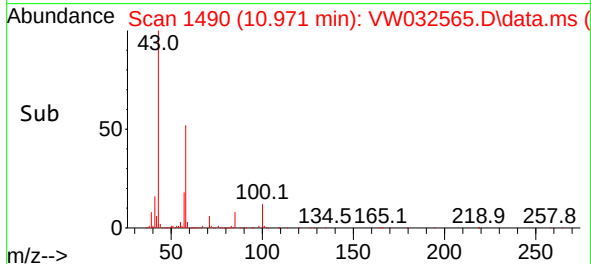
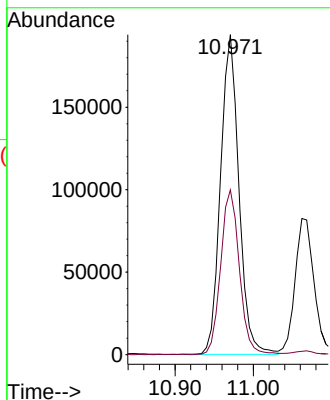
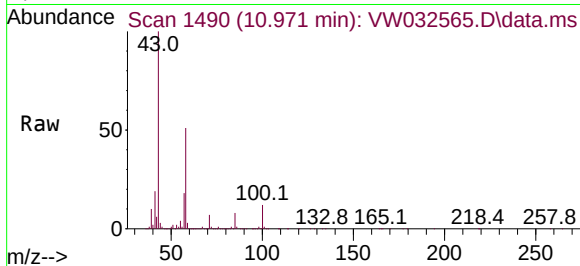
#59
2-Hexanone
Concen: 102.931 ug/l
RT: 10.971 min Scan# 1490
Delta R.T. -0.000 min
Lab File: VW032565.D
Acq: 03 Dec 2025 12:15

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 315866
Ion Ratio Lower Upper
43 100
58 52.2 26.2 78.6

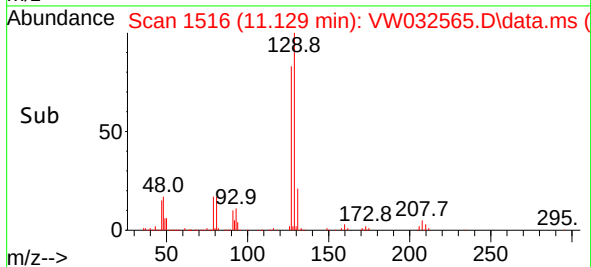
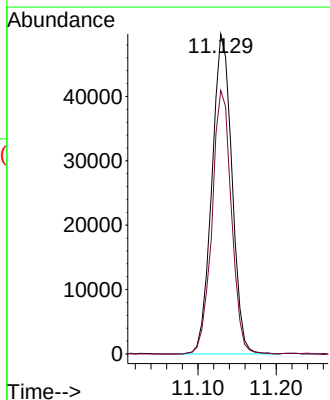
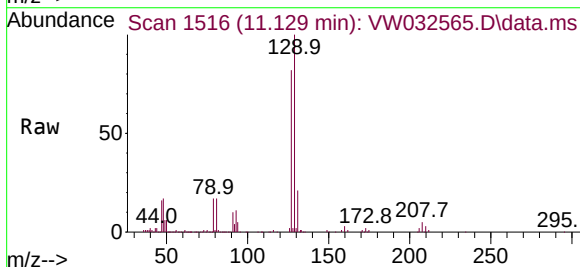
Manual Integrations
APPROVED

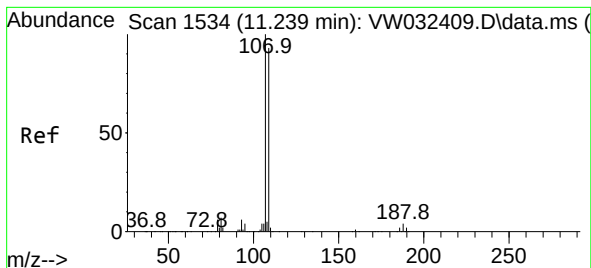
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#60
Dibromochloromethane
Concen: 19.603 ug/l
RT: 11.129 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VW032565.D
Acq: 03 Dec 2025 12:15

Tgt Ion:129 Resp: 88181
Ion Ratio Lower Upper
129 100
127 79.7 40.9 122.8





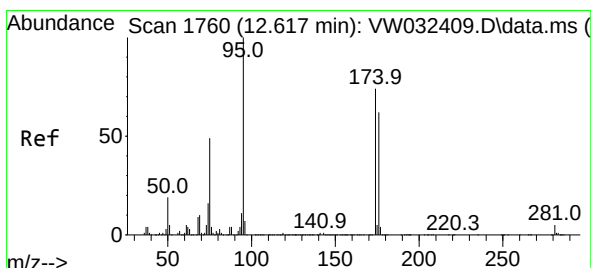
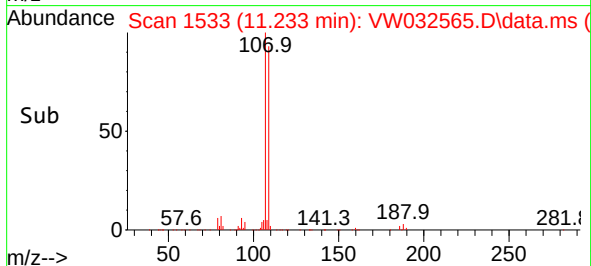
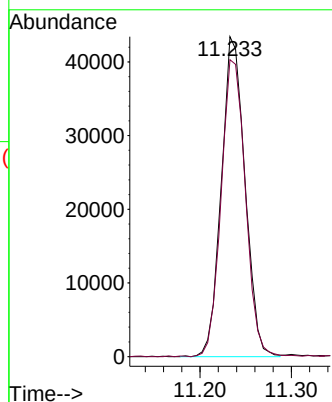
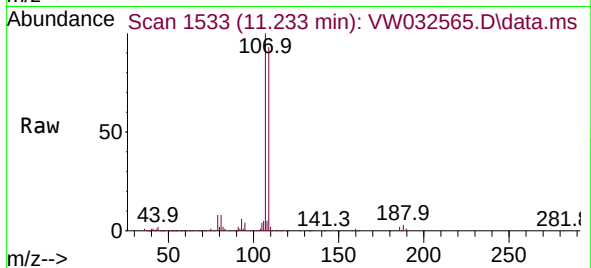
#61
1,2-Dibromoethane
Concen: 20.436 ug/l
RT: 11.233 min Scan# 1533
Delta R.T. -0.006 min
Lab File: VW032565.D
Acq: 03 Dec 2025 12:15

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tgt Ion:107 Resp: 78002
Ion Ratio Lower Upper
107 100
109 95.2 77.5 116.3

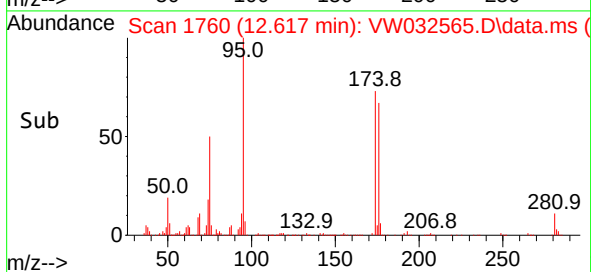
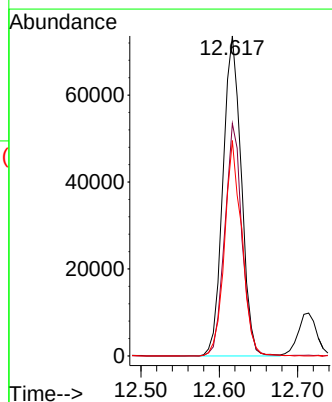
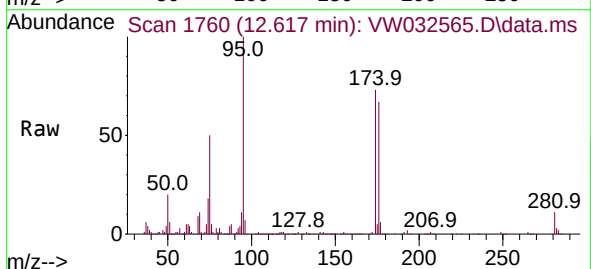
Manual Integrations
APPROVED

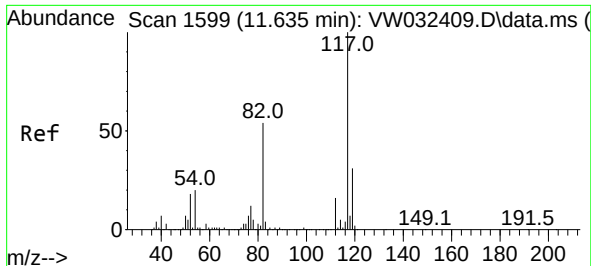
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#62
4-Bromofluorobenzene
Concen: 20.036 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW032565.D
Acq: 03 Dec 2025 12:15

Tgt Ion: 95 Resp: 119554
Ion Ratio Lower Upper
95 100
174 68.4 0.0 141.2
176 63.3 0.0 130.8





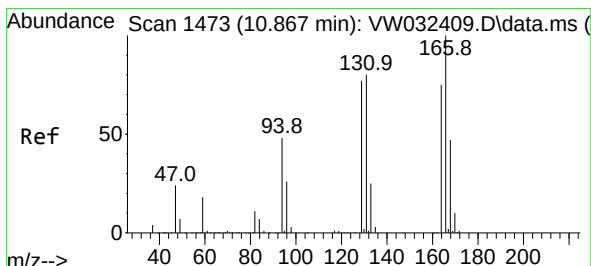
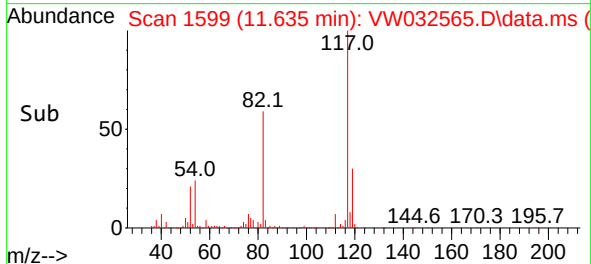
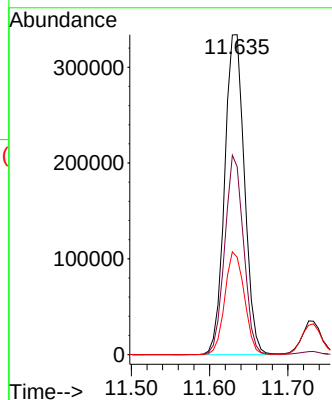
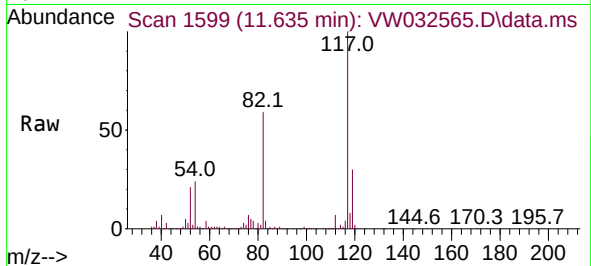
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.635 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032565.D
Acq: 03 Dec 2025 12:15

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Tgt Ion:117 Resp: 585368
Ion Ratio Lower Upper
117 100
82 58.7 45.9 68.9
119 30.4 26.3 39.5

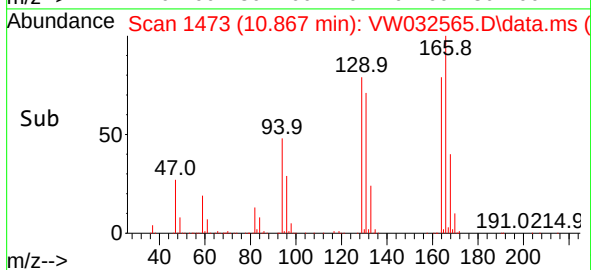
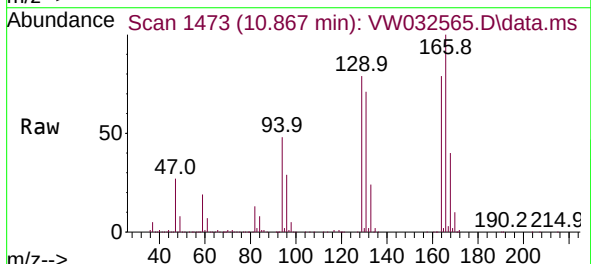
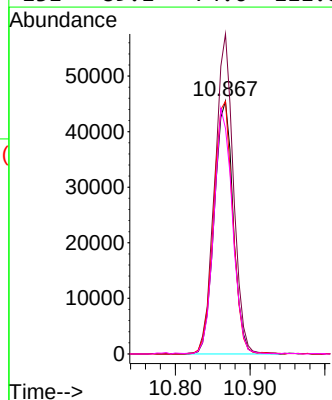
Manual Integrations
APPROVED

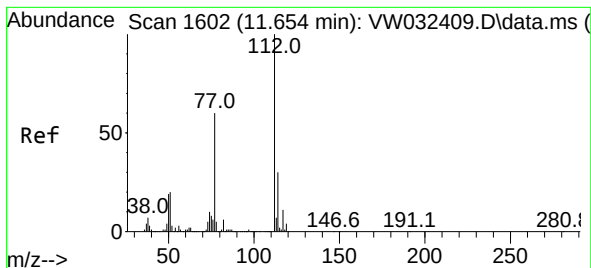
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#64
Tetrachloroethene
Concen: 20.415 ug/l
RT: 10.867 min Scan# 1473
Delta R.T. -0.000 min
Lab File: VW032565.D
Acq: 03 Dec 2025 12:15

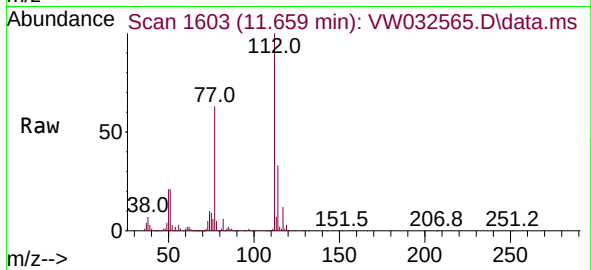
Tgt Ion:164 Resp: 79706
Ion Ratio Lower Upper
164 100
166 126.5 97.3 145.9
129 99.9 75.7 113.5
131 89.1 74.6 111.8





#65
Chlorobenzene
Concen: 20.121 ug/l
RT: 11.659 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VW032565.D
Acq: 03 Dec 2025 12:15

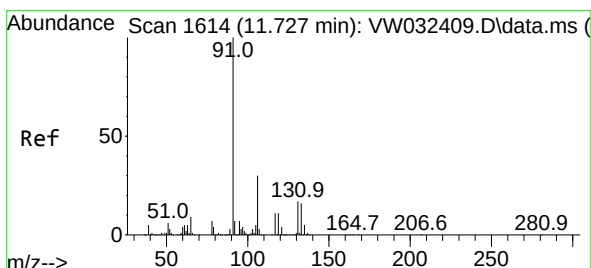
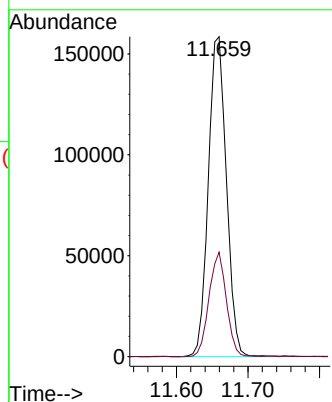
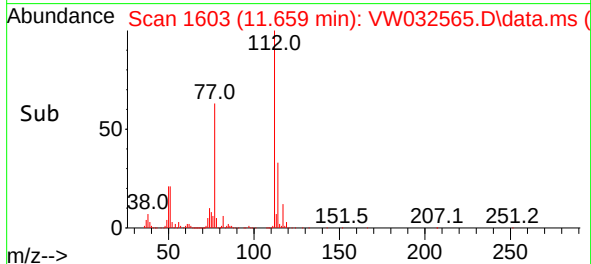
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020



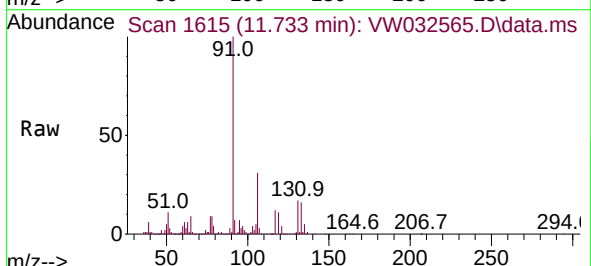
Tgt Ion:112 Resp: 278309
Ion Ratio Lower Upper
112 100
114 32.6 24.9 37.3

Manual Integrations
APPROVED

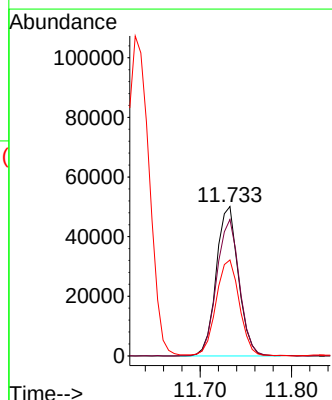
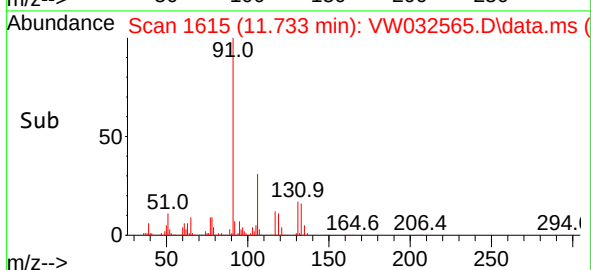
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

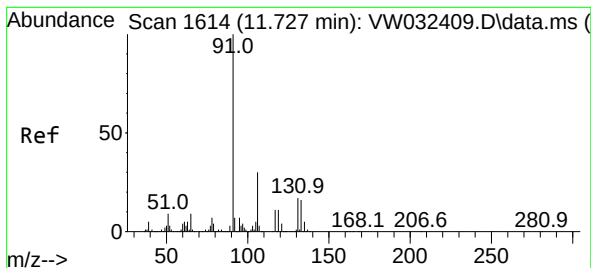


#66
1,1,1,2-Tetrachloroethane
Concen: 19.748 ug/l
RT: 11.733 min Scan# 1615
Delta R.T. -0.000 min
Lab File: VW032565.D
Acq: 03 Dec 2025 12:15



Tgt Ion:131 Resp: 84480
Ion Ratio Lower Upper
131 100
133 93.8 47.4 142.3
119 67.9 32.2 96.6





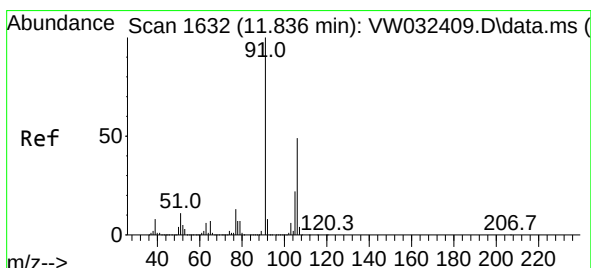
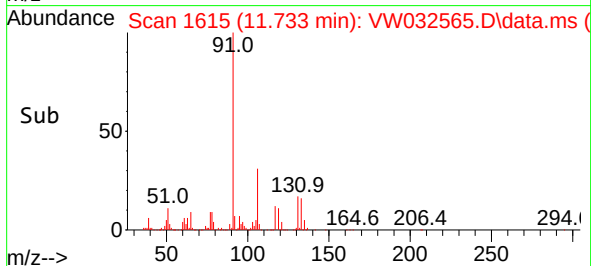
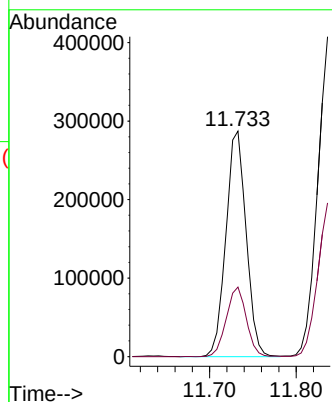
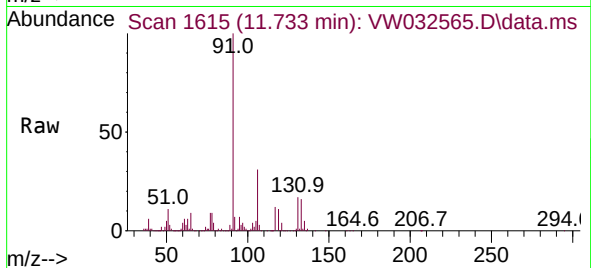
#67
Ethyl Benzene
Concen: 19.956 ug/l
RT: 11.733 min Scan# 1615
Delta R.T. -0.000 min
Lab File: VW032565.D
Acq: 03 Dec 2025 12:15

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tgt Ion: 91 Resp: 468508
Ion Ratio Lower Upper
91 100
106 30.8 23.0 34.6

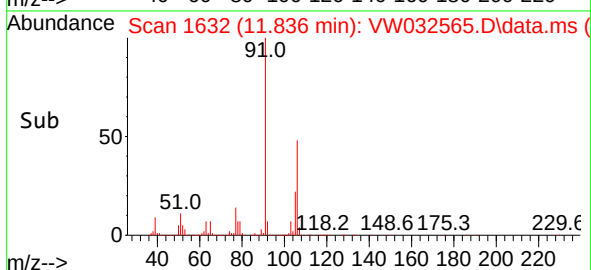
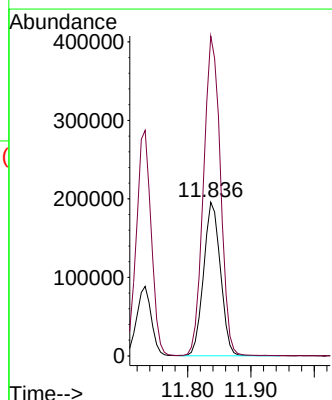
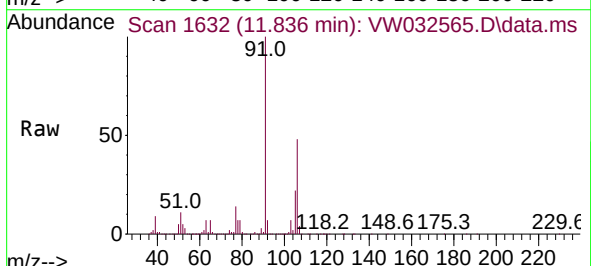
Manual Integrations
APPROVED

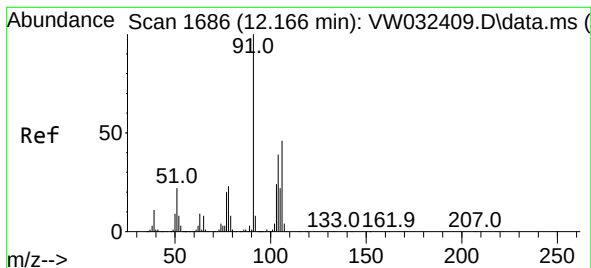
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#68
m/p-Xylenes
Concen: 40.483 ug/l
RT: 11.836 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW032565.D
Acq: 03 Dec 2025 12:15

Tgt Ion:106 Resp: 361347
Ion Ratio Lower Upper
106 100
91 208.9 163.3 244.9





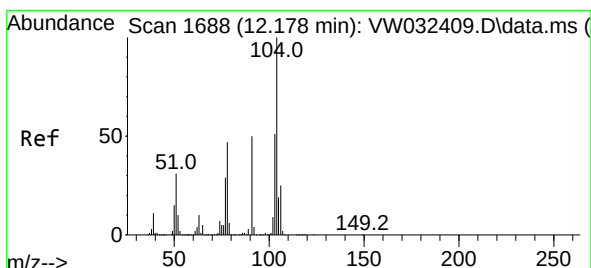
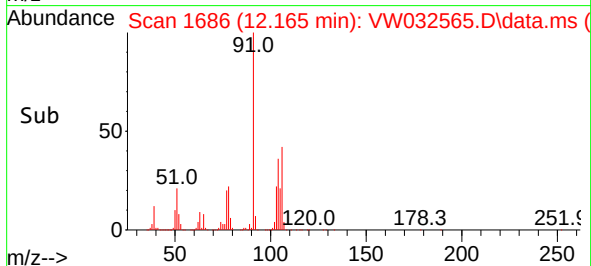
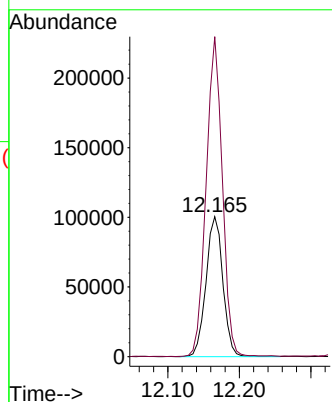
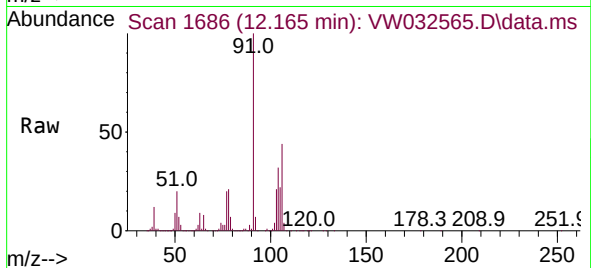
#69
o-Xylene
Concen: 20.152 ug/l
RT: 12.165 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW032565.D
Acq: 03 Dec 2025 12:15

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Tgt Ion:106 Resp: 164729
Ion Ratio Lower Upper
106 100
91 218.9 104.1 312.3

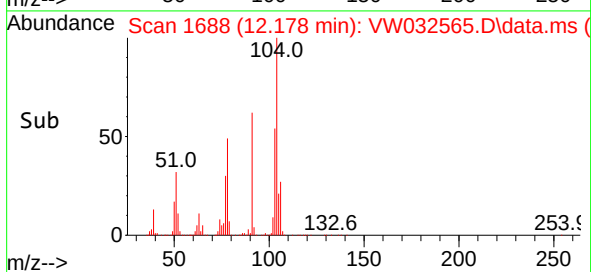
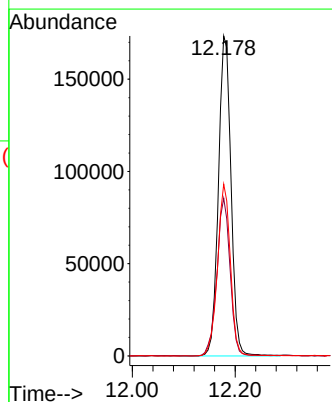
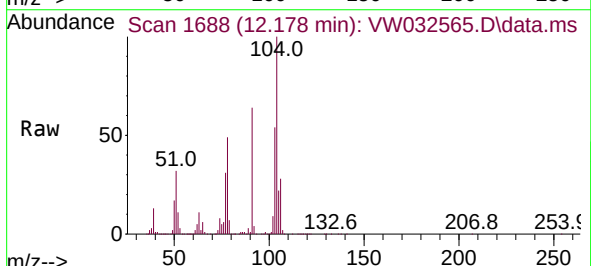
Manual Integrations
APPROVED

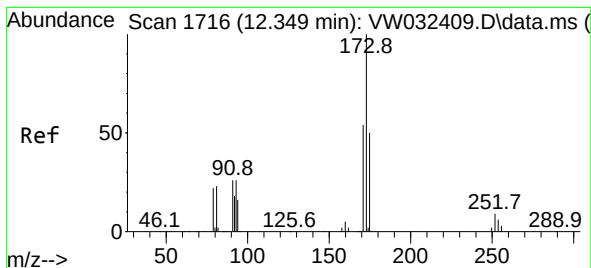
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#70
Styrene
Concen: 20.542 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW032565.D
Acq: 03 Dec 2025 12:15

Tgt Ion:104 Resp: 294546
Ion Ratio Lower Upper
104 100
78 51.6 40.8 61.2
103 55.0 43.3 64.9





#71

Bromoform

Concen: 19.160 ug/l

RT: 12.348 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VW032565.D

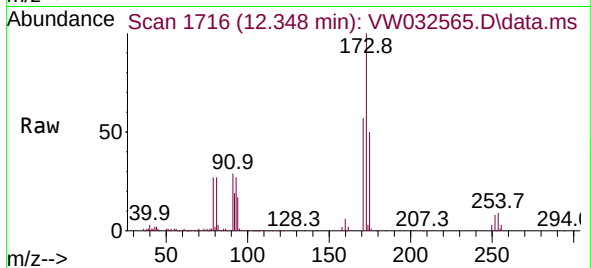
Acq: 03 Dec 2025 12:15

Instrument :

MSVOA_W

ClientSampleId :

VSTDICC020



Tgt Ion:173 Resp: 45074

Ion Ratio Lower Upper

173 100

175 49.7 24.6 74.0

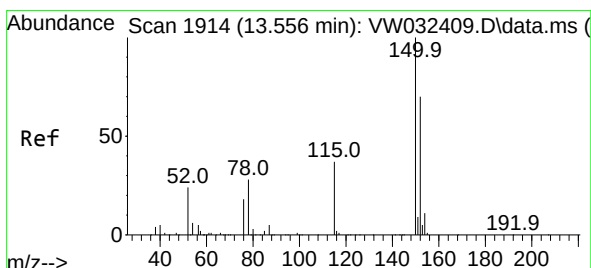
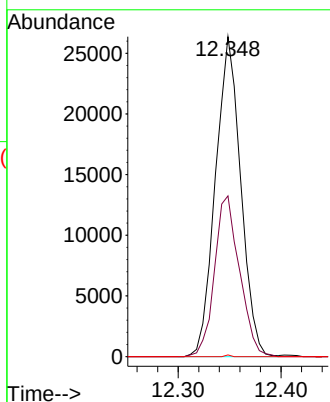
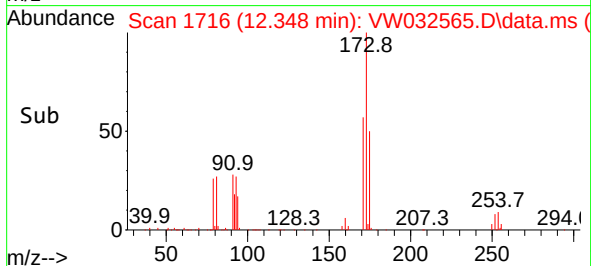
254 0.1 0.2 0.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2025

Supervised By :Semsettin Yesilyurt 12/04/2025



#72

1,4-Dichlorobenzene-d4

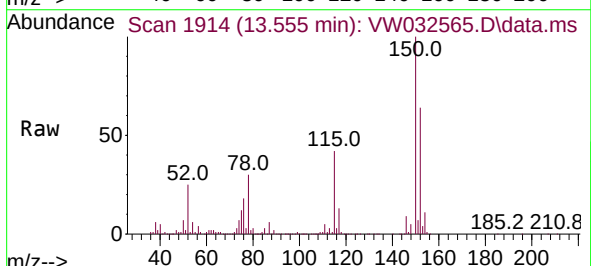
Concen: 50.000 ug/l

RT: 13.555 min Scan# 1914

Delta R.T. -0.000 min

Lab File: VW032565.D

Acq: 03 Dec 2025 12:15



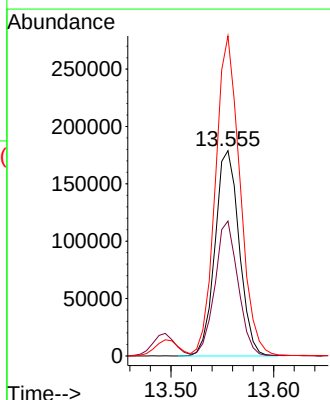
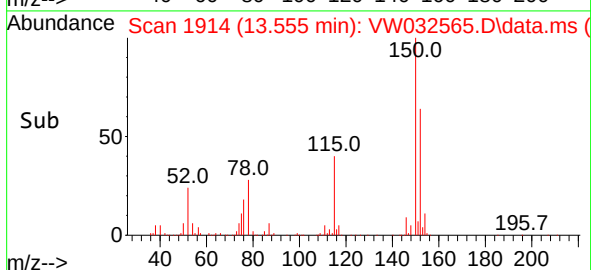
Tgt Ion:152 Resp: 292330

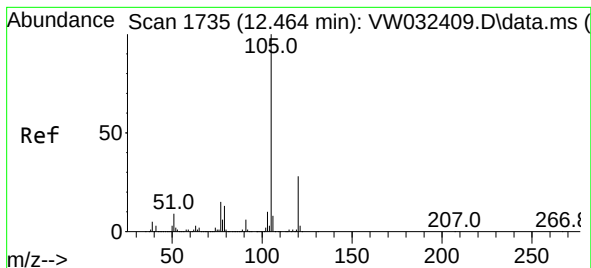
Ion Ratio Lower Upper

152 100

115 63.1 31.1 93.3

150 158.4 0.0 351.2





#73

Isopropylbenzene

Concen: 19.612 ug/l

RT: 12.464 min Scan# 1735

Delta R.T. -0.000 min

Lab File: VW032565.D

Acq: 03 Dec 2025 12:15

Instrument :

MSVOA_W

ClientSampleId :

VSTDICC020

Tgt Ion:105 Resp: 425288

Ion Ratio Lower Upper

105 100

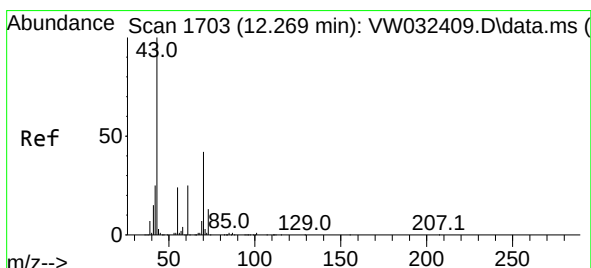
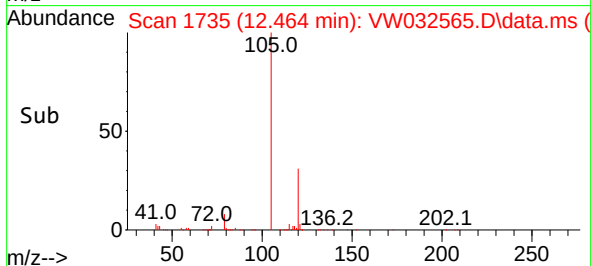
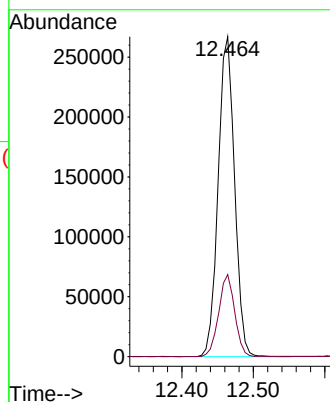
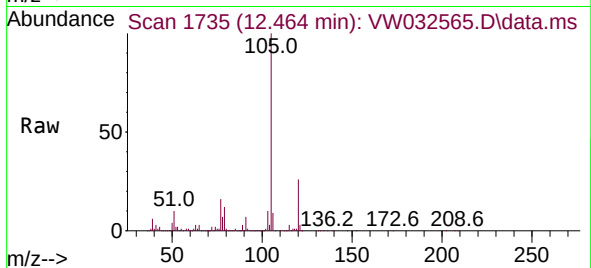
120 25.0 12.8 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2025

Supervised By :Semsettin Yesilyurt 12/04/2025



#74

N-ethyl acetate

Concen: 19.512 ug/l

RT: 12.269 min Scan# 1703

Delta R.T. -0.000 min

Lab File: VW032565.D

Acq: 03 Dec 2025 12:15

Tgt Ion: 43 Resp: 140066

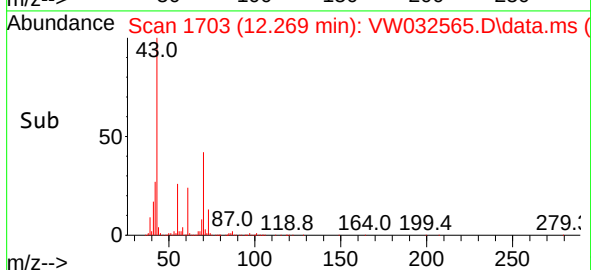
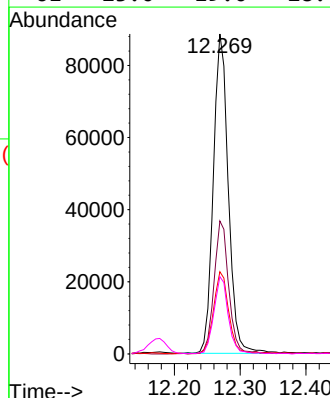
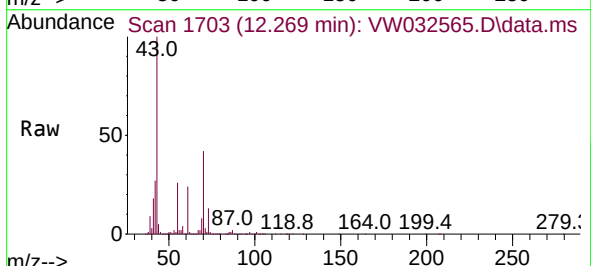
Ion Ratio Lower Upper

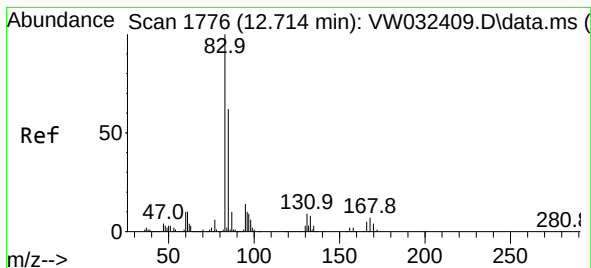
43 100

70 40.9 32.6 48.8

55 25.9 19.7 29.5

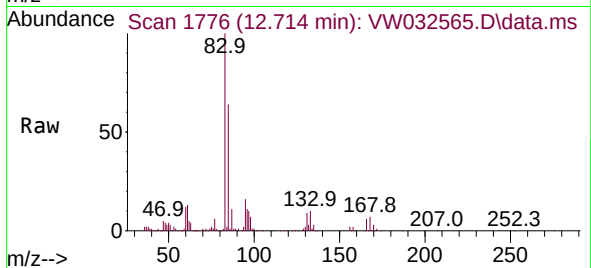
61 23.0 19.0 28.4





#75
1,1,2,2-Tetrachloroethane
Concen: 20.006 ug/l
RT: 12.714 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VW032565.D
Acq: 03 Dec 2025 12:15

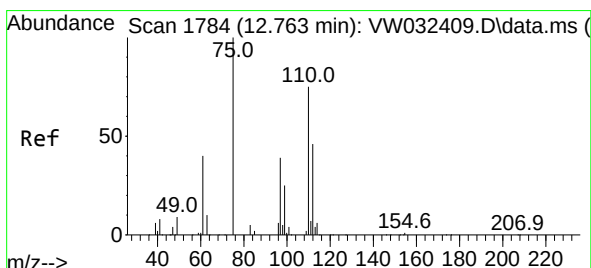
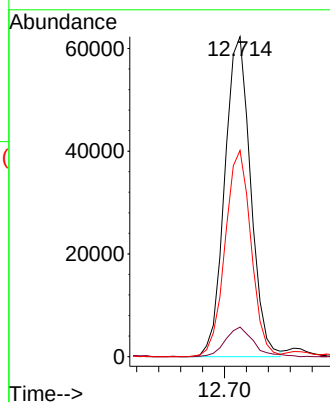
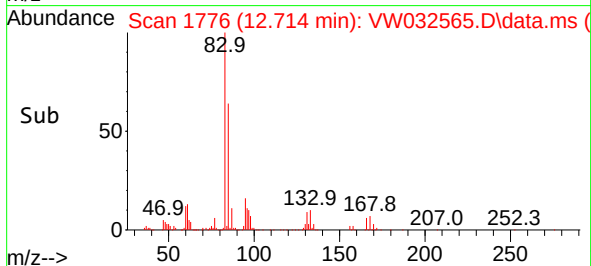
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020



Tgt Ion: 83 Resp: 102128
Ion Ratio Lower Upper
83 100
131 10.0 4.8 14.3
85 64.5 32.5 97.4

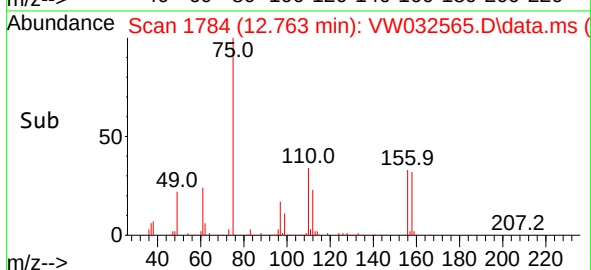
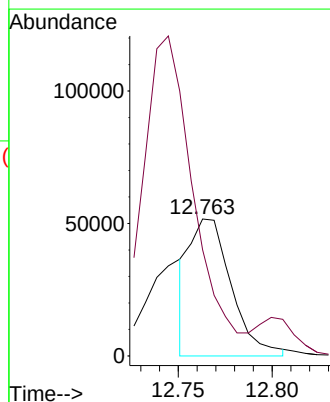
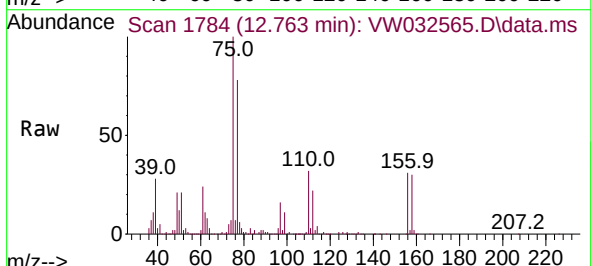
Manual Integrations
APPROVED

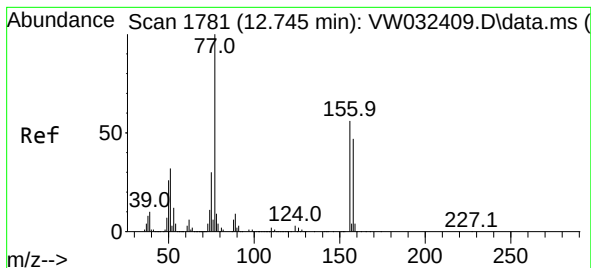
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#76
1,2,3-Trichloropropane
Concen: 20.005 ug/l m
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW032565.D
Acq: 03 Dec 2025 12:15

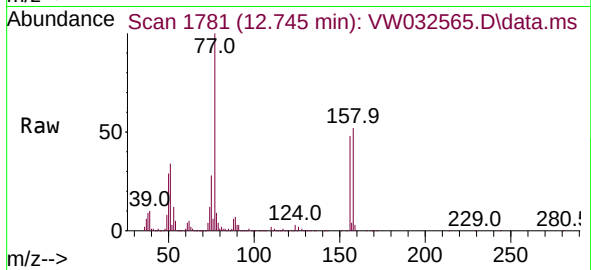
Tgt Ion: 75 Resp: 79697
Ion Ratio Lower Upper
75 100
77 288.4 148.2 444.4





#77
Bromobenzene
Concen: 19.975 ug/l
RT: 12.745 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VW032565.D
Acq: 03 Dec 2025 12:15

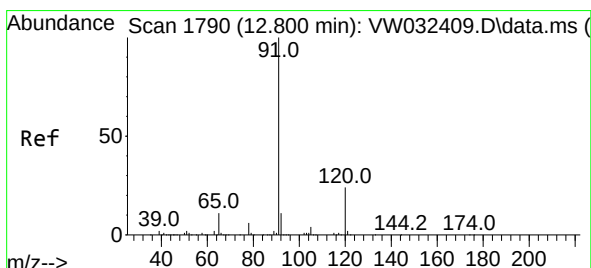
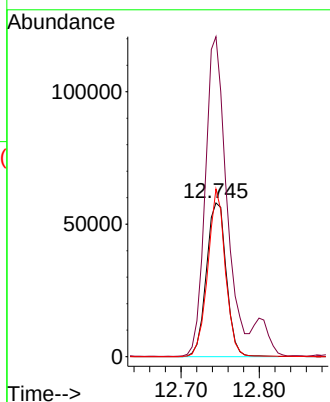
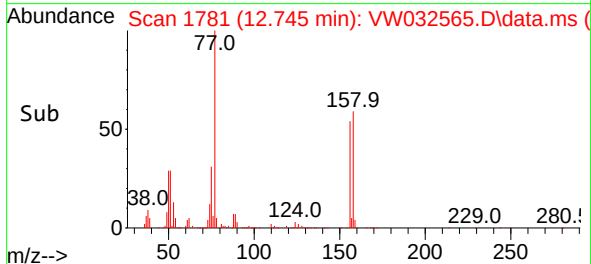
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020



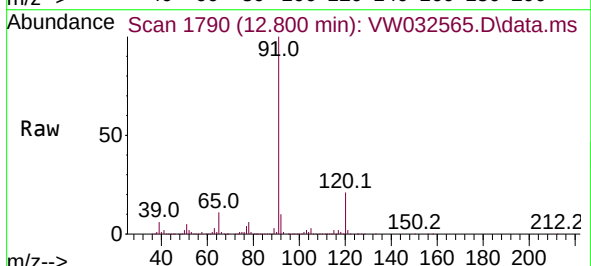
Tgt Ion:156 Resp: 102395
Ion Ratio Lower Upper
156 100
77 224.5 115.9 347.7
158 96.4 50.7 152.1

Manual Integrations
APPROVED

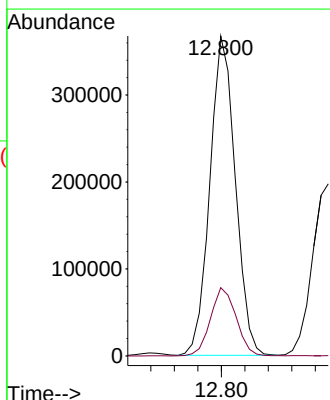
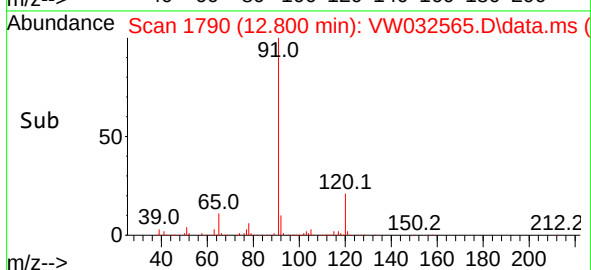
Reviewed By :John Carbone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

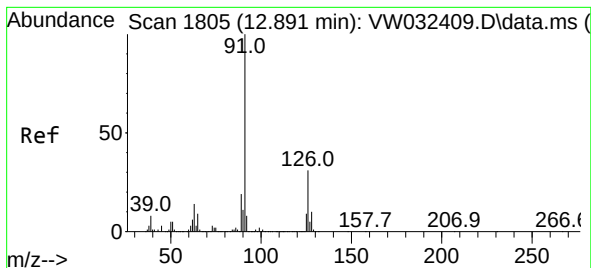


#78
n-propylbenzene
Concen: 19.993 ug/l
RT: 12.800 min Scan# 1790
Delta R.T. -0.000 min
Lab File: VW032565.D
Acq: 03 Dec 2025 12:15



Tgt Ion: 91 Resp: 553122
Ion Ratio Lower Upper
91 100
120 21.5 10.8 32.4





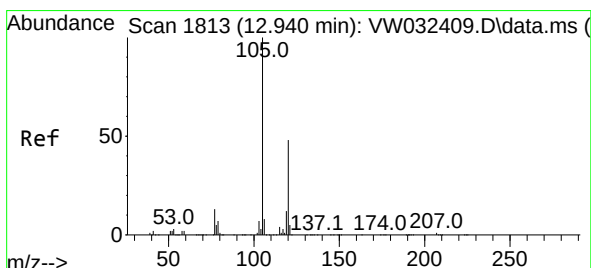
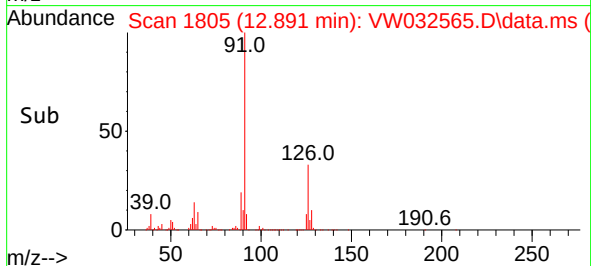
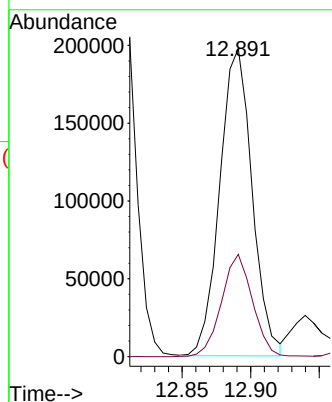
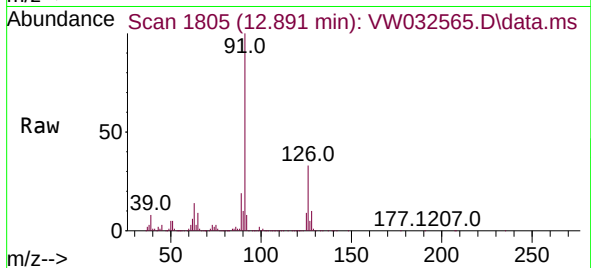
#79
2-Chlorotoluene
Concen: 19.666 ug/l
RT: 12.891 min Scan# 1805
Delta R.T. -0.000 min
Lab File: VW032565.D
Acq: 03 Dec 2025 12:15

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tgt Ion: 91 Resp: 324394
Ion Ratio Lower Upper
91 100
126 31.9 15.7 47.0

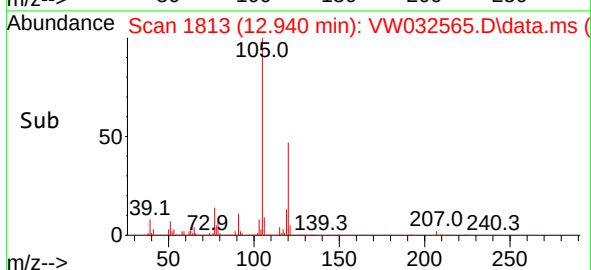
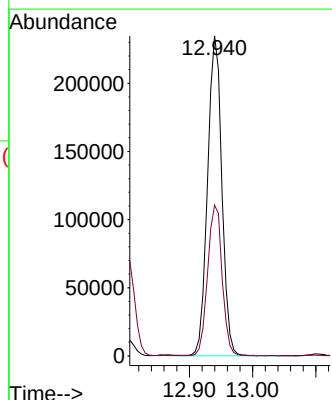
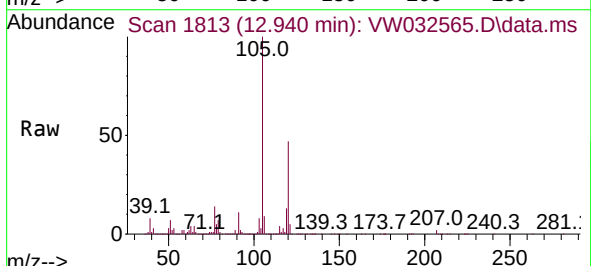
Manual Integrations
APPROVED

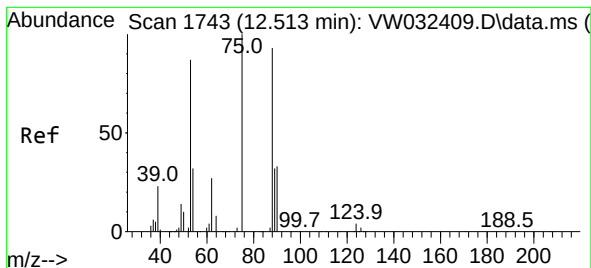
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#80
1,3,5-Trimethylbenzene
Concen: 19.802 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW032565.D
Acq: 03 Dec 2025 12:15

Tgt Ion:105 Resp: 366405
Ion Ratio Lower Upper
105 100
120 48.0 23.8 71.4





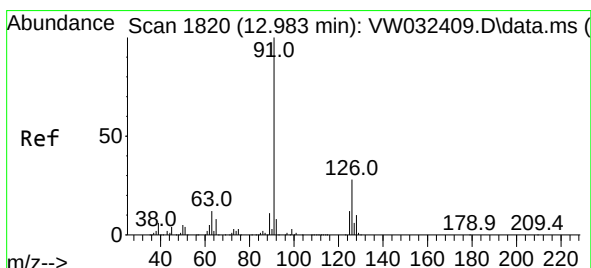
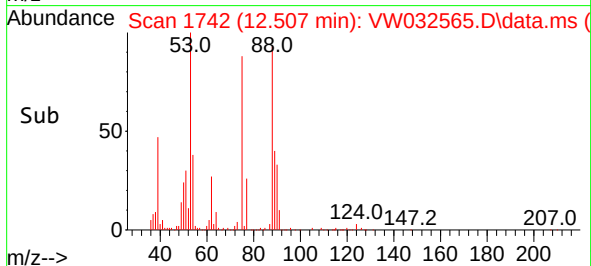
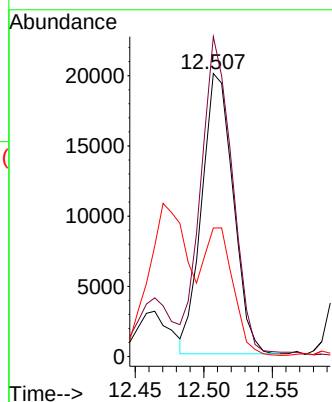
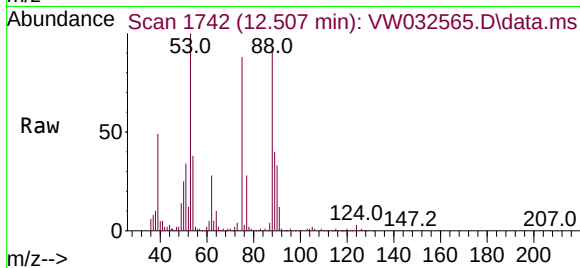
#81
trans-1,4-Dichloro-2-butene
Concen: 18.954 ug/l
RT: 12.507 min Scan# 1742
Delta R.T. -0.006 min
Lab File: VW032565.D
Acq: 03 Dec 2025 12:15

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Tgt Ion: 75 Resp: 31878
Ion Ratio Lower Upper
75 100
53 114.4 80.8 121.2
89 42.7 31.4 47.2

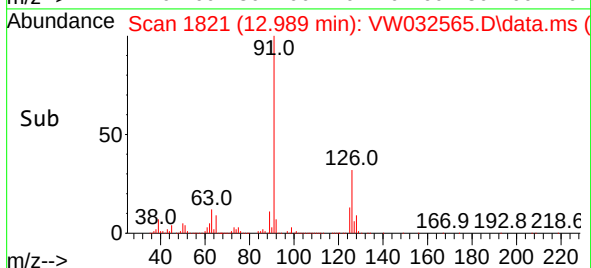
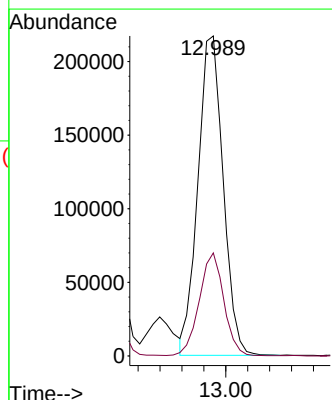
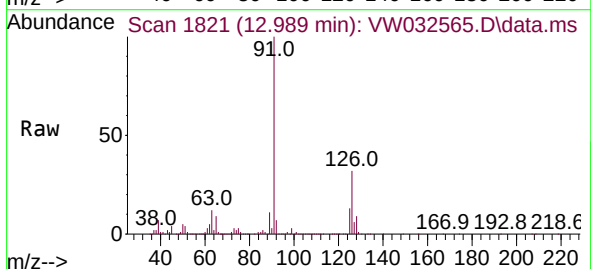
Manual Integrations
APPROVED

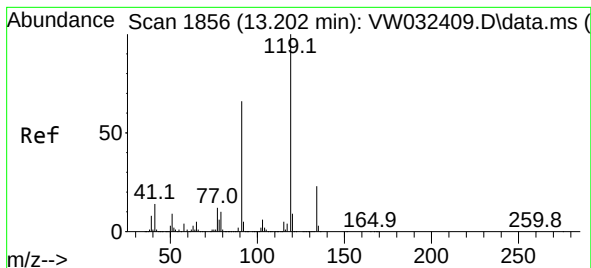
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#82
4-Chlorotoluene
Concen: 19.674 ug/l
RT: 12.989 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VW032565.D
Acq: 03 Dec 2025 12:15

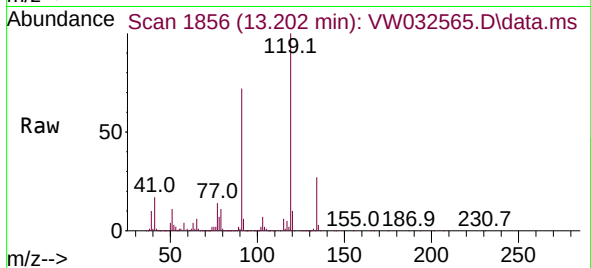
Tgt Ion: 91 Resp: 347070
Ion Ratio Lower Upper
91 100
126 31.3 15.6 46.7





#83
tert-Butylbenzene
Concen: 19.362 ug/l
RT: 13.202 min Scan# 1856
Delta R.T. -0.000 min
Lab File: VW032565.D
Acq: 03 Dec 2025 12:15

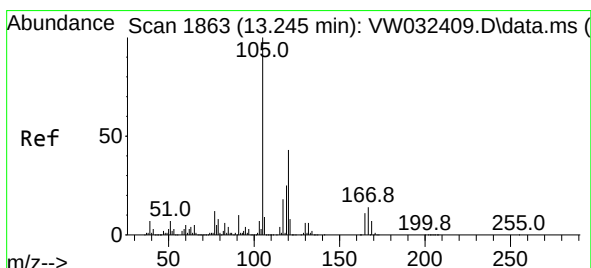
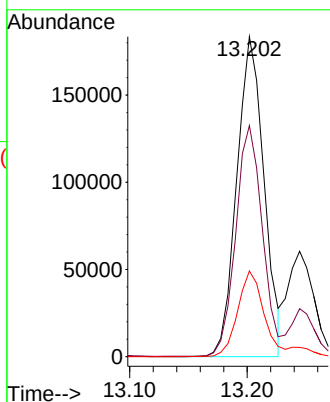
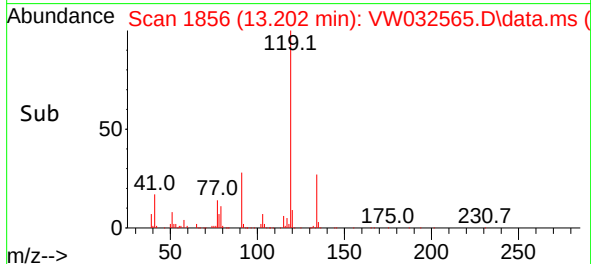
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020



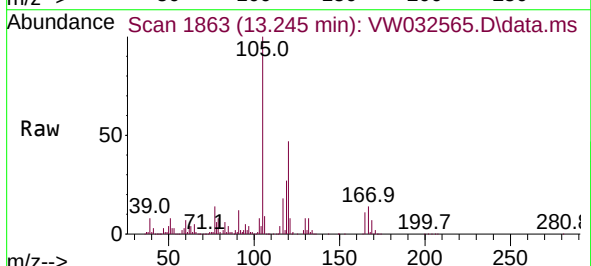
Tgt Ion:119 Resp: 295478
Ion Ratio Lower Upper
119 100
91 71.6 34.6 103.9
134 25.6 12.5 37.5

Manual Integrations
APPROVED

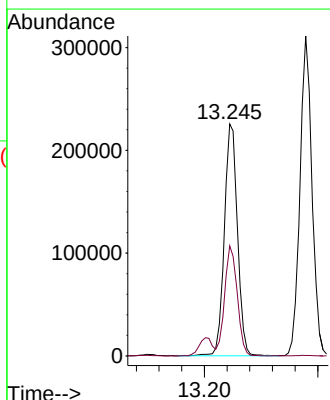
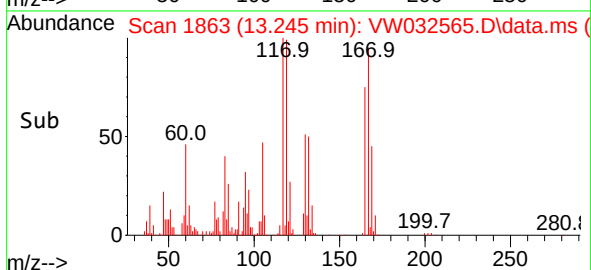
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

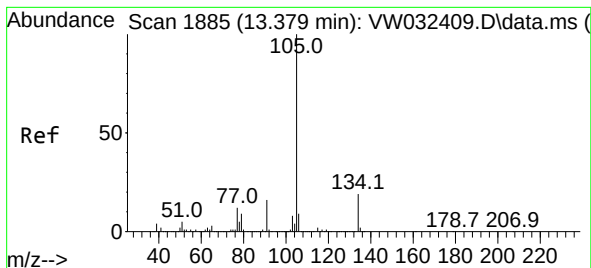


#84
1,2,4-Trimethylbenzene
Concen: 19.596 ug/l
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW032565.D
Acq: 03 Dec 2025 12:15



Tgt Ion:105 Resp: 362195
Ion Ratio Lower Upper
105 100
120 45.4 22.7 68.1





#85

sec-Butylbenzene

Concen: 19.429 ug/l

RT: 13.379 min Scan# 1885

Delta R.T. -0.000 min

Lab File: VW032565.D

Acq: 03 Dec 2025 12:15

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

Tgt Ion:105 Resp: 457306

Ion Ratio Lower Upper

105 100

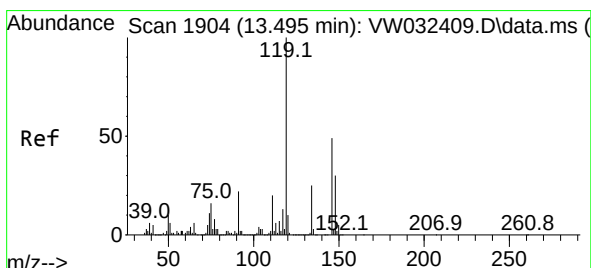
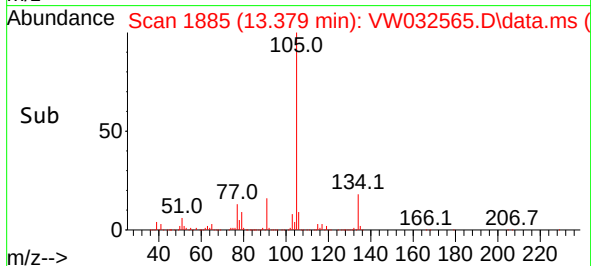
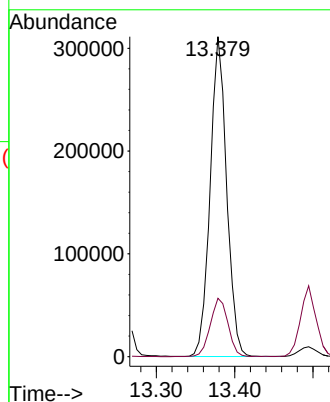
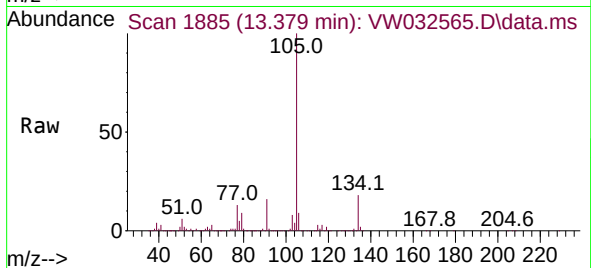
134 19.5 9.4 28.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2025

Supervised By :Semsettin Yesilyurt 12/04/2025



#86

p-Isopropyltoluene

Concen: 19.653 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW032565.D

Acq: 03 Dec 2025 12:15

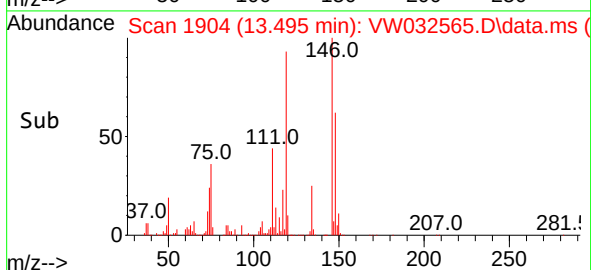
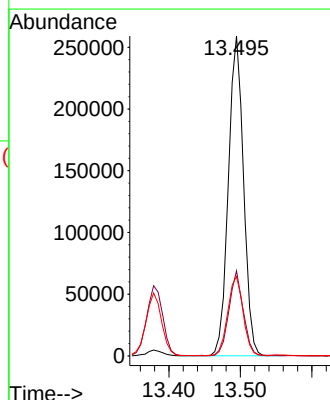
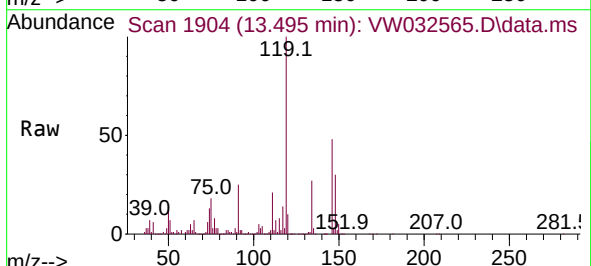
Tgt Ion:119 Resp: 381008

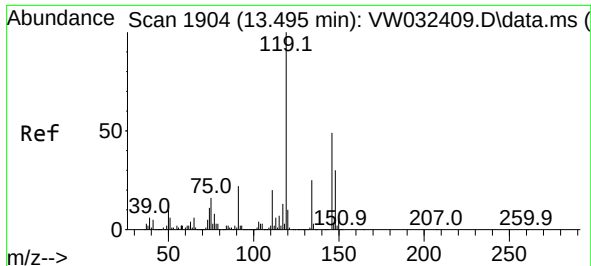
Ion Ratio Lower Upper

119 100

134 24.9 13.0 38.9

91 25.0 12.3 36.9





#87

1,3-Dichlorobenzene

Concen: 19.196 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW032565.D

Acq: 03 Dec 2025 12:15

Instrument :

MSVOA_W

ClientSampleId :

VSTDICC020

Tgt Ion:146 Resp: 201194

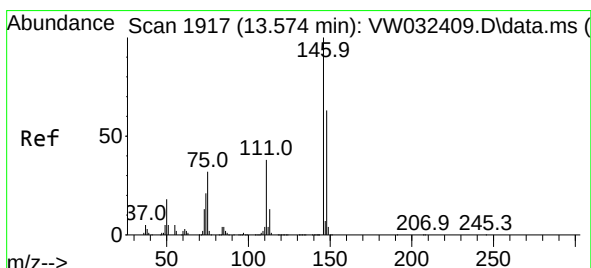
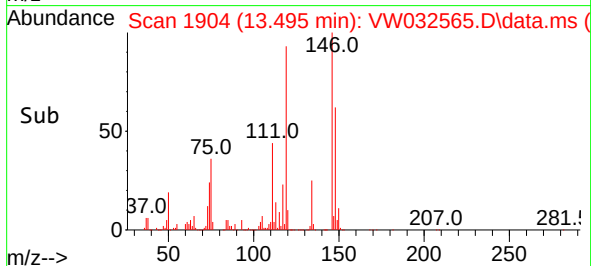
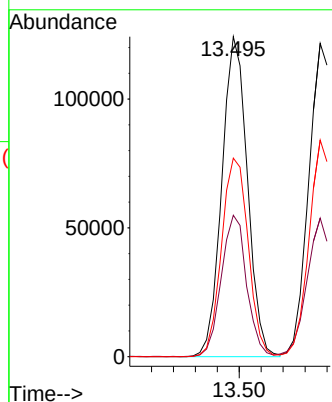
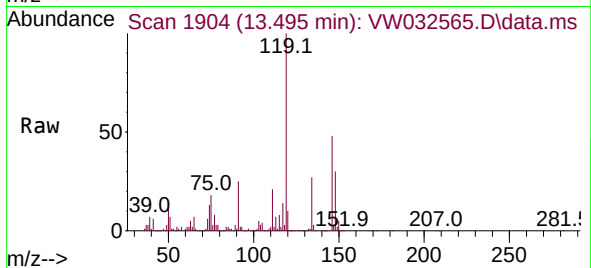
Ion	Ratio	Lower	Upper
146	100		
111	43.8	21.6	64.6
148	64.6	31.9	95.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2025

Supervised By :Semsettin Yesilyurt 12/04/2025



#88

1,4-Dichlorobenzene

Concen: 19.450 ug/l

RT: 13.574 min Scan# 1917

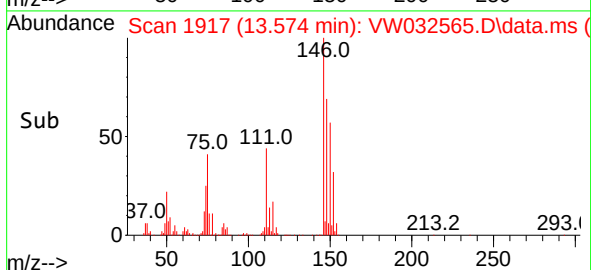
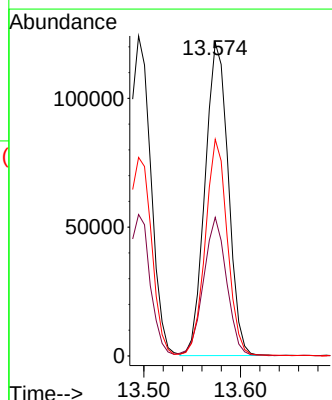
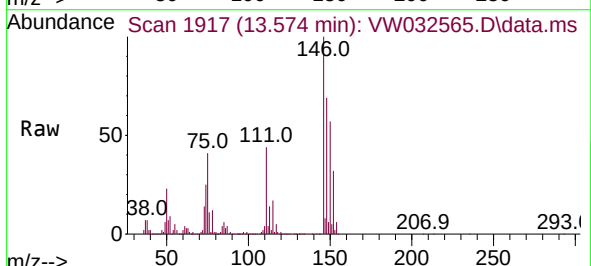
Delta R.T. -0.000 min

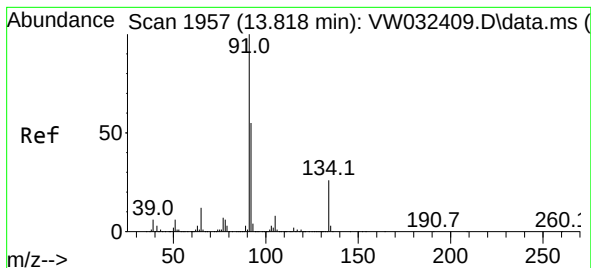
Lab File: VW032565.D

Acq: 03 Dec 2025 12:15

Tgt Ion:146 Resp: 202337

Ion	Ratio	Lower	Upper
146	100		
111	43.9	20.8	62.5
148	65.8	31.4	94.3





#89

n-Butylbenzene

Concen: 19.229 ug/l

RT: 13.818 min Scan# 1957

Delta R.T. -0.000 min

Lab File: VW032565.D

Acq: 03 Dec 2025 12:15

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

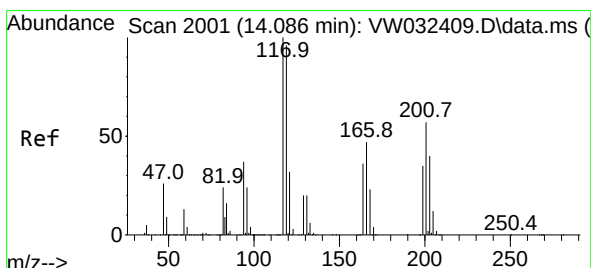
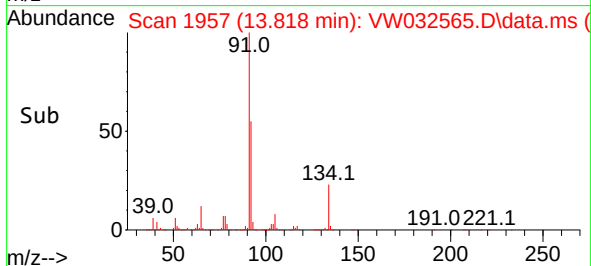
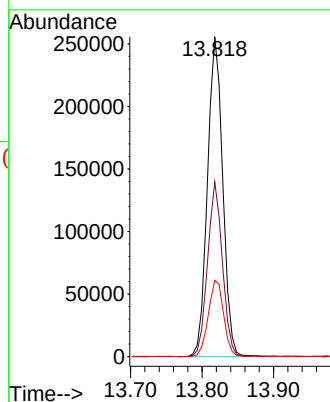
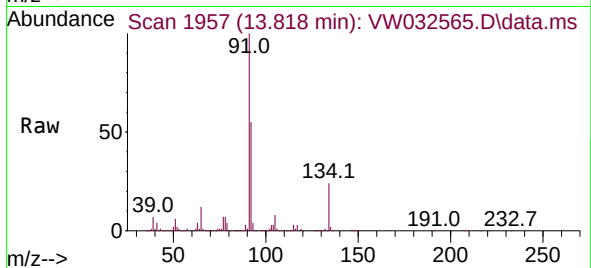
Tgt Ion:	91	Resp:	378562
Ion Ratio	Lower	Upper	
91	100		
92	53.2	27.1	81.3
134	24.0	12.4	37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2025

Supervised By :Semsettin Yesilyurt 12/04/2025



#90

Hexachloroethane

Concen: 18.870 ug/l

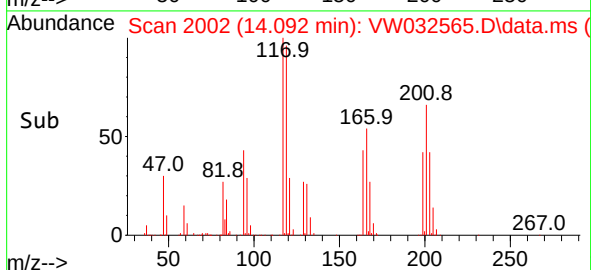
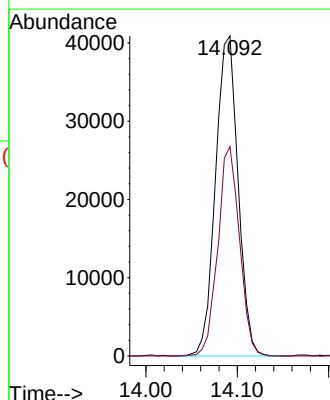
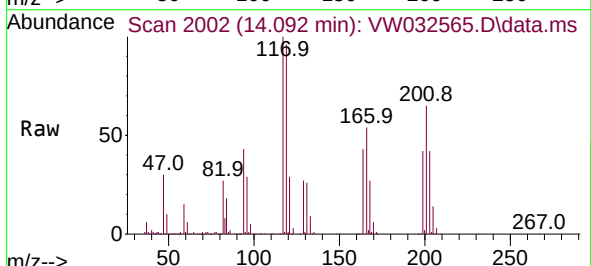
RT: 14.092 min Scan# 2002

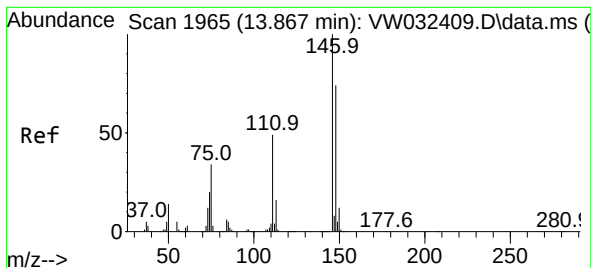
Delta R.T. 0.006 min

Lab File: VW032565.D

Acq: 03 Dec 2025 12:15

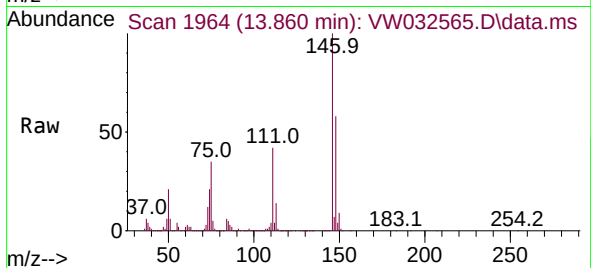
Tgt Ion:	117	Resp:	70062
Ion Ratio	Lower	Upper	
117	100		
201	62.9	29.5	88.6





#91
1,2-Dichlorobenzene
Concen: 19.828 ug/l
RT: 13.860 min Scan# 1965
Delta R.T. -0.006 min
Lab File: VW032565.D
Acq: 03 Dec 2025 12:15

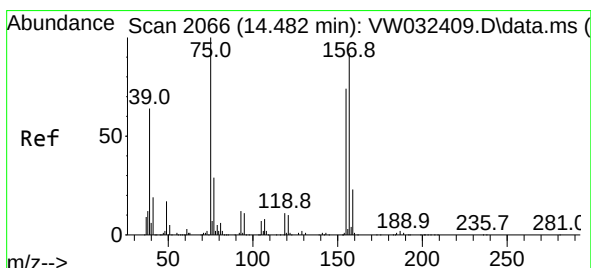
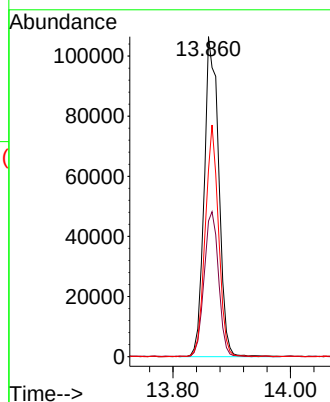
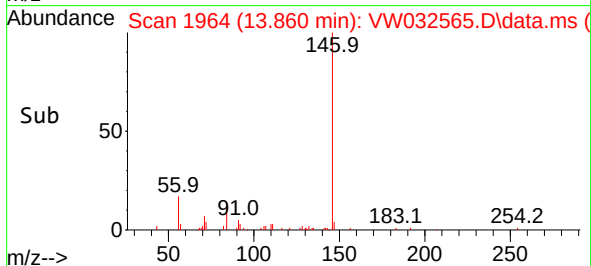
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020



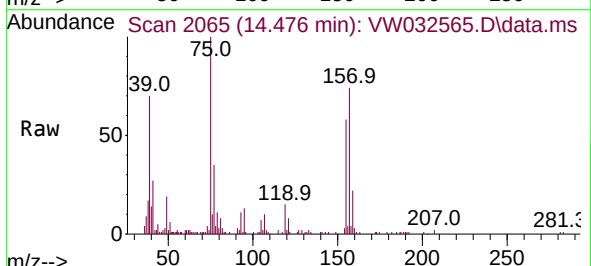
Tgt Ion:146 Resp: 182294
Ion Ratio Lower Upper
146 100
111 44.9 22.8 68.3
148 66.2 32.6 97.7

Manual Integrations
APPROVED

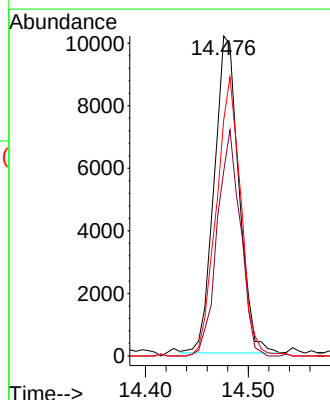
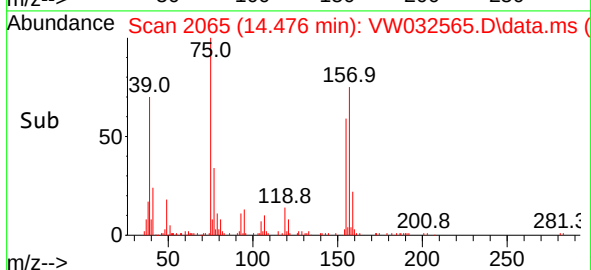
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

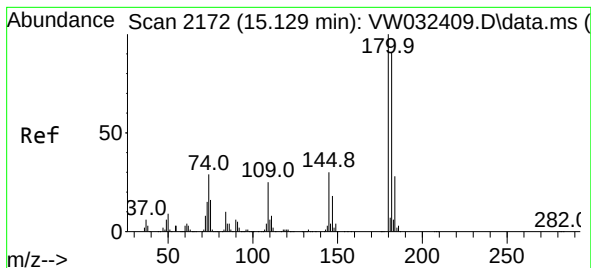


#92
1,2-Dibromo-3-Chloropropane
Concen: 19.268 ug/l
RT: 14.476 min Scan# 2065
Delta R.T. -0.000 min
Lab File: VW032565.D
Acq: 03 Dec 2025 12:15



Tgt Ion: 75 Resp: 16959
Ion Ratio Lower Upper
75 100
155 67.0 34.6 103.9
157 86.8 44.4 133.2





#93

1,2,4-Trichlorobenzene

Concen: 19.023 ug/l

RT: 15.128 min Scan# 2172

Delta R.T. 0.006 min

Lab File: VW032565.D

Acq: 03 Dec 2025 12:15

Instrument :

MSVOA_W

ClientSampleId :

VSTDICC020

Tgt Ion:180 Resp: 106514

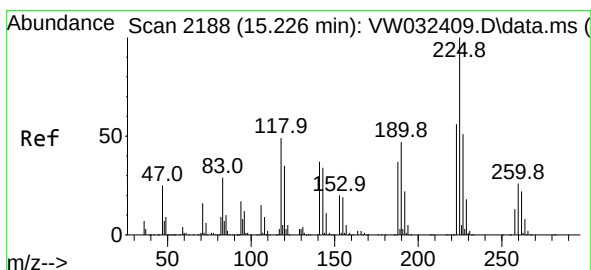
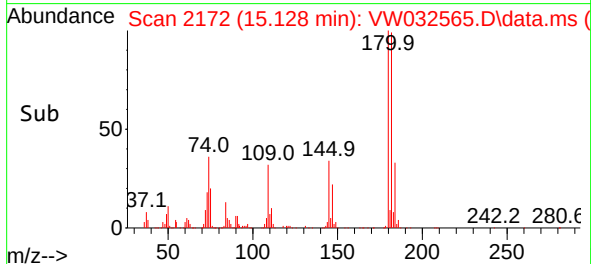
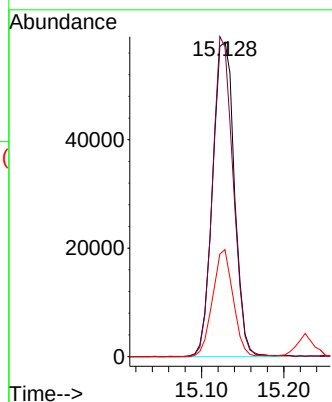
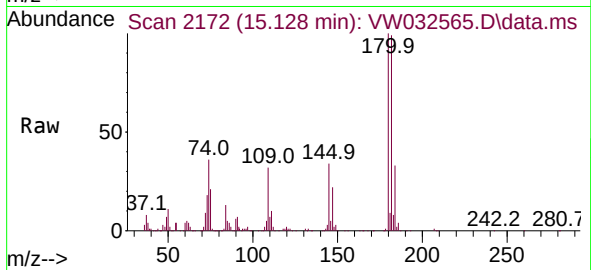
Ion	Ratio	Lower	Upper
180	100		
182	96.4	48.1	144.3
145	32.3	17.1	51.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2025

Supervised By :Semsettin Yesilyurt 12/04/2025



#94

Hexachlorobutadiene

Concen: 18.217 ug/l

RT: 15.226 min Scan# 2188

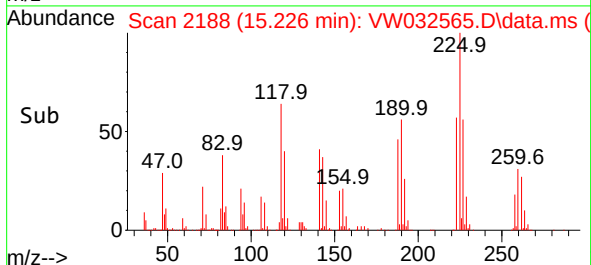
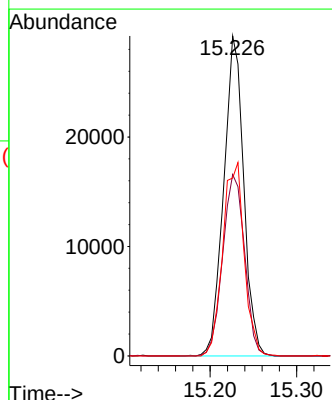
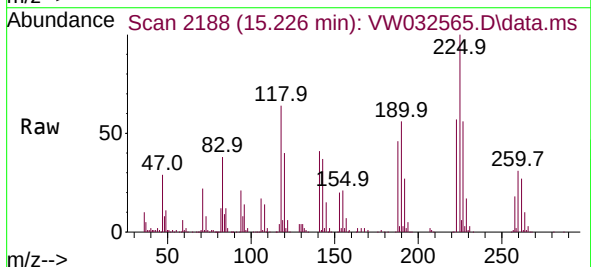
Delta R.T. -0.007 min

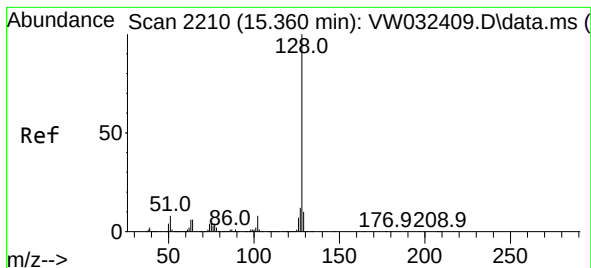
Lab File: VW032565.D

Acq: 03 Dec 2025 12:15

Tgt Ion:225 Resp: 46952

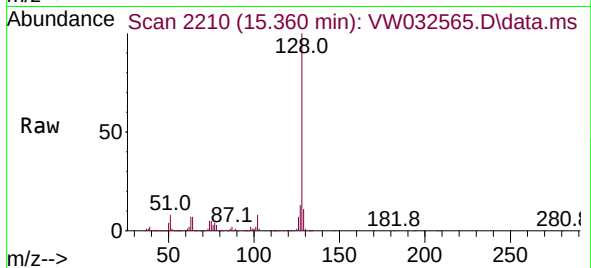
Ion	Ratio	Lower	Upper
225	100		
223	62.0	30.3	91.0
227	64.6	30.7	92.1





#95
Naphthalene
Concen: 19.044 ug/l m
RT: 15.360 min Scan# 2210
Delta R.T. -0.000 min
Lab File: VW032565.D
Acq: 03 Dec 2025 12:15

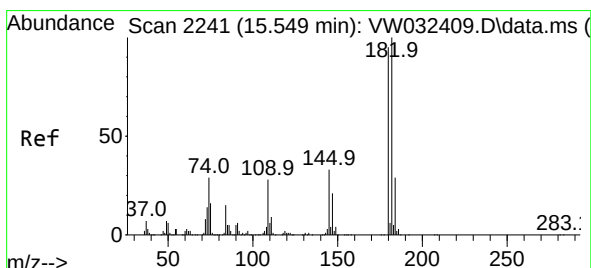
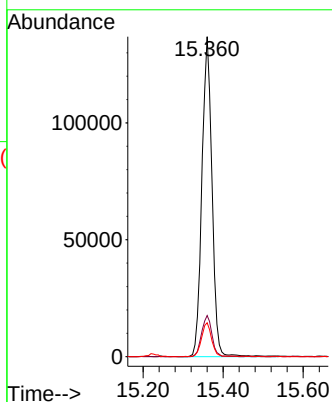
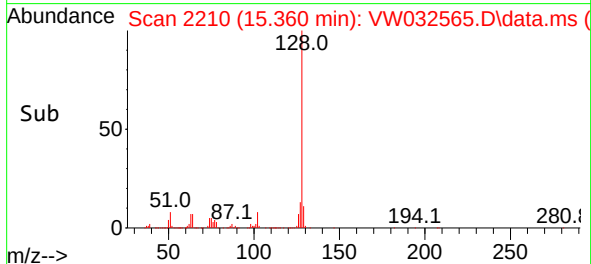
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020



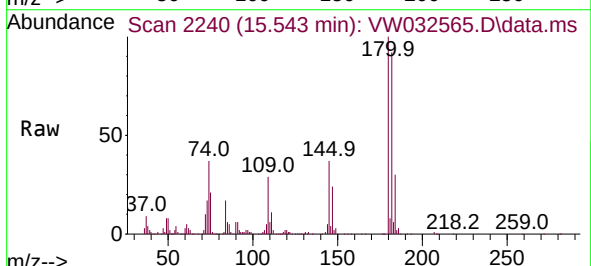
Tgt Ion:128 Resp: 239140
Ion Ratio Lower Upper
128 100
127 13.2 10.6 15.8
129 10.6 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#96
1,2,3-Trichlorobenzene
Concen: 18.619 ug/l
RT: 15.543 min Scan# 2240
Delta R.T. -0.006 min
Lab File: VW032565.D
Acq: 03 Dec 2025 12:15



Tgt Ion:180 Resp: 94710
Ion Ratio Lower Upper
180 100
182 97.6 48.0 144.2
145 36.4 17.8 53.4

