

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112625\
 Data File : VN088363.D
 Acq On : 26 Nov 2025 09:42
 Operator : JC\MD
 Sample : VN1126WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1126WBS01

Manual Integrations
 APPROVED

Reviewed By :John Carlone 12/01/2025
 Supervised By :Semsettin Yesilyurt 12/01/2025

Quant Time: Nov 27 00:08:49 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N111325W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Nov 14 00:49:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.794	128	57477	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.083	114	302288	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.847	117	272302	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.559	65	147107	28.019	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	93.400%		
60) 4-Bromofluorobenzene	12.829	95	127582	27.716	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	92.400%		
63) Toluene-d8	10.547	98	386682	29.994	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	99.967%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	81075	20.067	ug/l	96
3) Chloromethane	2.383	50	79761	19.147	ug/l	97
4) Vinyl Chloride	2.536	62	84515	19.187	ug/l	95
5) Bromomethane	2.989	94	39403	16.777	ug/l	94
6) Chloroethane	3.148	64	51891	19.059	ug/l	91
7) Trichlorofluoromethane	3.512	101	121589	19.689	ug/l	97
8) Diethyl Ether	3.965	74	40620	17.599	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.371	101	65513	20.222	ug/l	98
10) 1,1-Dichloroethene	4.336	96	62482	19.769	ug/l	96
11) Methyl Iodide	4.589	142	60075	17.861	ug/l #	82
12) Methyl Acetate	5.018	43	99145	19.444	ug/l	97
13) Acrolein	4.177	56	113629	151.465	ug/l	99
14) Acrylonitrile	5.706	53	215838	93.157	ug/l	98
15) Acetone	4.424	58	45393	66.996	ug/l	89
16) Carbon Disulfide	4.706	76	200210	18.782	ug/l	99
17) Allyl chloride	5.018	41	104679	17.043	ug/l	99
18) Methylene Chloride	5.271	84	72125	18.359	ug/l	91
19) trans-1,2-Dichloroethene	5.777	96	68653	18.654	ug/l	97
20) Diisopropyl ether	6.653	45	243039	18.518	ug/l	99
21) 1,1-Dichloroethane	6.553	63	140764	19.037	ug/l	98
22) cis-1,2-Dichloroethene	7.471	96	81177	18.977	ug/l	94
23) tert-Butyl Alcohol	5.512	59	68773	80.724	ug/l #	100
24) Methyl tert-Butyl Ether	5.789	73	228419	17.925	ug/l	97
25) Chloroform	7.947	83	137728	18.798	ug/l	99
26) Cyclohexane	8.236	56	116406	18.638	ug/l #	95
29) 1,1-Dichloropropene	8.353	75	99578	19.743	ug/l	99
30) 2-Butanone	7.471	43	266992	81.833	ug/l	99
31) 2,2-Dichloropropane	7.477	77	121604	19.547	ug/l	100
32) 1,1,1-Trichloroethane	8.147	97	123495	19.862	ug/l	98
33) Carbon Tetrachloride	8.347	117	99665	18.771	ug/l	99
34) Benzene	8.588	78	296637	19.676	ug/l	100
35) Methacrylonitrile	7.765	41	59999	17.630	ug/l	95
36) 1,2-Dichloroethane	8.653	62	108221	18.444	ug/l	99
37) Trichloroethene	9.335	130	70279	20.570	ug/l	96
38) Methylcyclohexane	9.583	83	111054	19.205	ug/l	99
39) 1,2-Dichloropropane	9.606	63	75335	19.368	ug/l	92
40) Dibromomethane	9.688	93	52027	18.617	ug/l	94
41) Bromodichloromethane	9.865	83	106856	18.994	ug/l	99
42) Vinyl Acetate	6.589	43	955530	87.748	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.547	43	128419	19.562	ug/l	99
44) Isopropyl Acetate	8.671	43	186701	18.455	ug/l	98
45) 1,4-Dioxane	9.677	88	22875	375.475	ug/l	96
46) Methyl methacrylate	9.665	41	85582	18.078	ug/l	83
47) n-amyl Acetate	12.682	43	88539m	17.271	ug/l	
48) t-1,3-Dichloropropene	10.818	75	108144	17.972	ug/l	91
49) cis-1,3-Dichloropropene	10.294	75	118722	18.963	ug/l	97
50) 1,1,2-Trichloroethane	10.994	97	66888	19.356	ug/l	98
51) Ethyl methacrylate	10.859	69	100728	17.717	ug/l	95
52) 1,3-Dichloropropane	11.141	76	119638	19.010	ug/l	100
53) Dibromochloromethane	11.341	129	75782	19.092	ug/l	98
54) 1,2-Dibromoethane	11.447	107	66352	18.480	ug/l	100
55) 2-Chloroethyl vinyl ether	10.141	63	311576	95.136	ug/l	99
56) Bromoform	12.559	173	46503	18.509	ug/l	100
58) 4-Methyl-2-Pentanone	10.424	43	594736	96.567	ug/l	99
59) 2-Hexanone	11.177	43	363870	88.974	ug/l	99
61) Tetrachloroethene	11.082	164	67205	23.938	ug/l	93
62) Toluene	10.606	91	306313	19.602	ug/l	98
64) Chlorobenzene	11.871	112	184521	19.066	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.941	131	63878	19.284	ug/l	96
66) Ethyl Benzene	11.941	91	324281	18.829	ug/l	99
67) m/p-Xylenes	12.047	106	245747	38.156	ug/l	97
68) o-Xylene	12.376	106	114162	18.790	ug/l	94
69) Styrene	12.394	104	189232	18.338	ug/l	99
70) Isopropylbenzene	12.676	105	303454	18.846	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.918	83	91007	17.449	ug/l	99
72) 1,2,3-Trichloropropane	12.976	75	86357m	17.091	ug/l	
73) Bromobenzene	12.959	156	68423	18.823	ug/l	97
74) n-propylbenzene	13.012	91	380417	19.091	ug/l	99
75) 2-Chlorotoluene	13.106	91	221828	18.308	ug/l	100
76) 1,3,5-Trimethylbenzene	13.153	105	250647	18.545	ug/l	98
77) t-1,4-Dichloro-2-butene	12.718	75	29597	17.057	ug/l	94
78) 4-Chlorotoluene	13.200	91	224829	18.311	ug/l	97
79) tert-butylbenzene	13.418	119	212723	18.383	ug/l	99
80) 1,2,4-Trimethylbenzene	13.459	105	243363	18.108	ug/l	98
81) sec-Butylbenzene	13.594	105	311218	18.440	ug/l	99
82) p-Isopropyltoluene	13.706	119	257559	18.468	ug/l	98
83) 1,3-Dichlorobenzene	13.712	146	131927	18.680	ug/l	99
84) 1,4-Dichlorobenzene	13.794	146	134726	18.837	ug/l	98
85) n-Butylbenzene	14.035	91	242689	18.259	ug/l	99
86) Hexachloroethane	14.312	117	44121	16.523	ug/l	97
87) 1,2-Dichlorobenzene	14.082	146	121454	18.219	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.700	75	21042	17.164	ug/l	96
89) 1,2,4-Trichlorobenzene	15.812	180	70316	18.797	ug/l	97
90) Hexachlorobutadiene	15.470	225	28055	19.311	ug/l	99
91) Naphthalene	15.617	128	235066	17.367	ug/l	99
92) 1,2,3-Trichlorobenzene	15.812	180	70316	18.797	ug/l	97

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

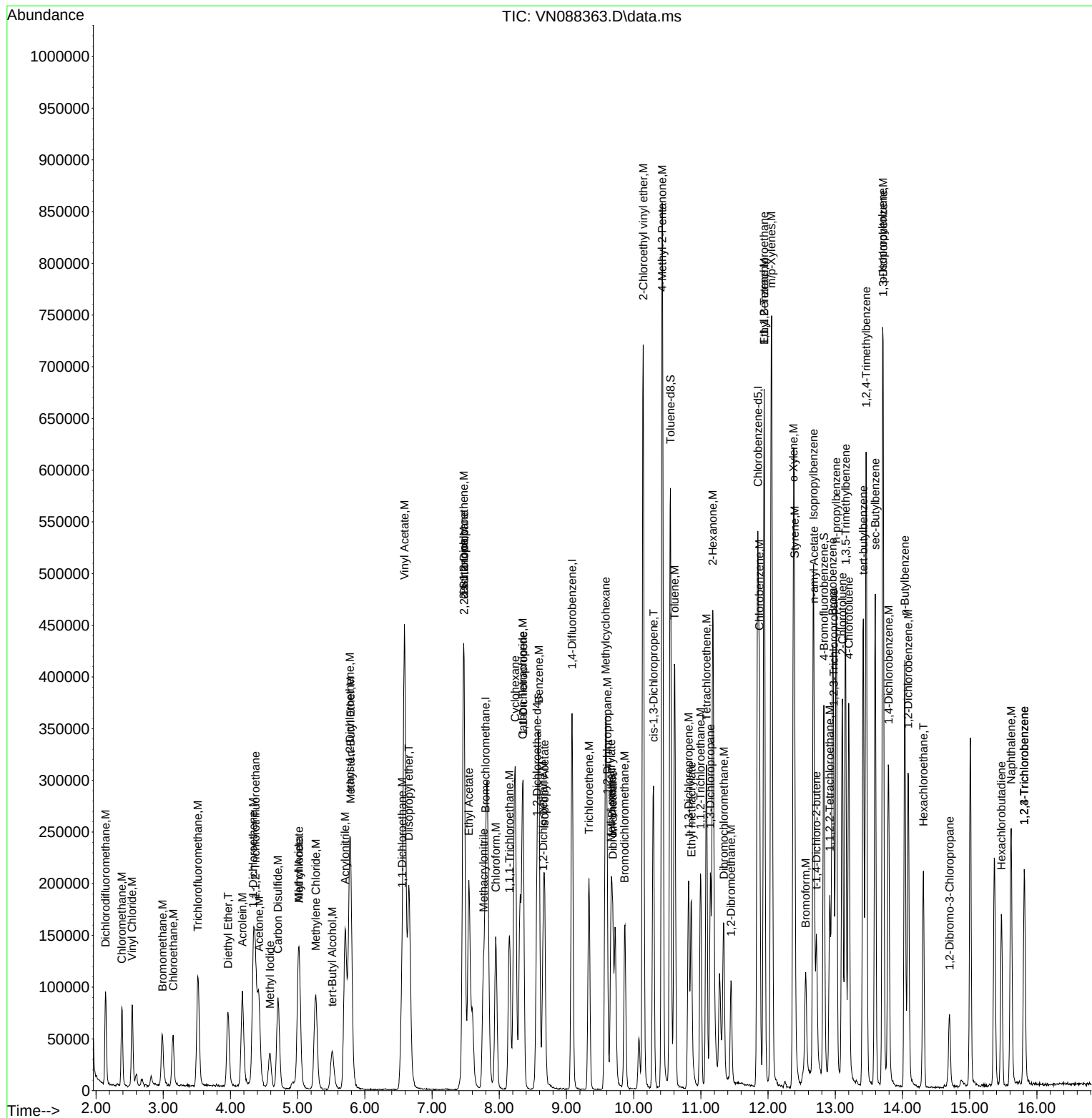
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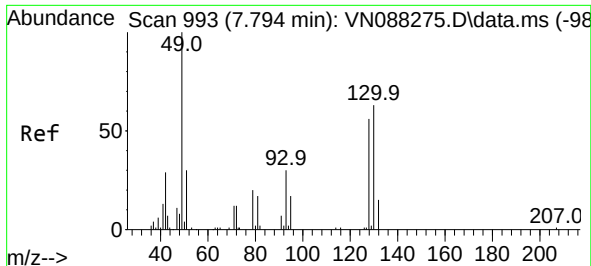
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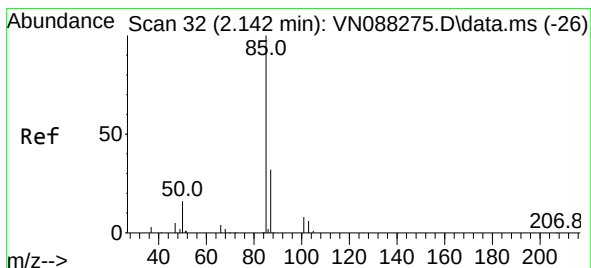
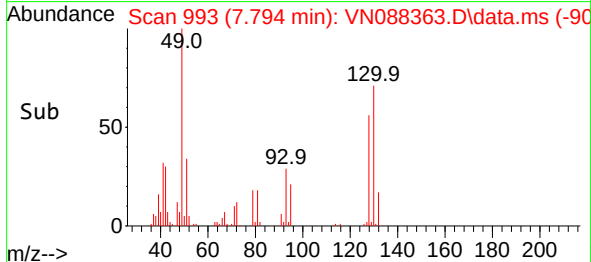
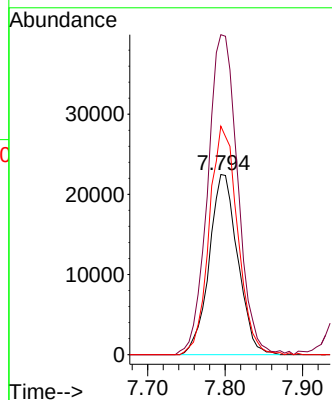
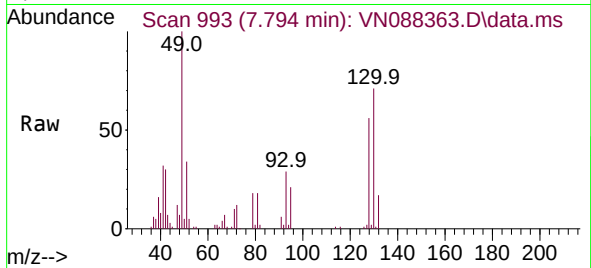
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.794 min Scan# 993
Delta R.T. 0.000 min
Lab File: VN088363.D
Acq: 26 Nov 2025 09:42

Instrument :
MSVOA_N
Client Sample Id :
VN1126WBS01

Tgt Ion: 128 Resp: 57472
Ion Ratio Lower Upper
128 100
49 186.8 0.0 501.2
130 126.2 0.0 320.2

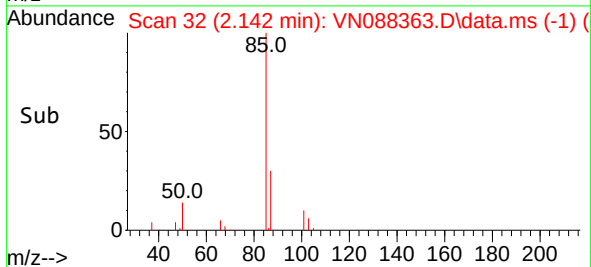
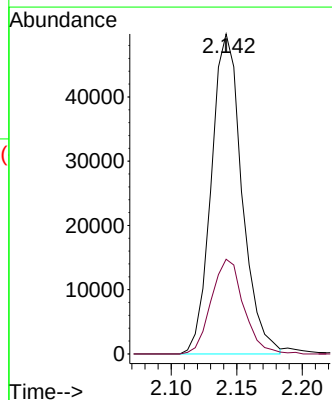
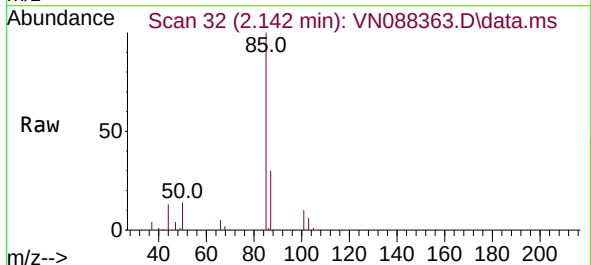
Manual Integrations
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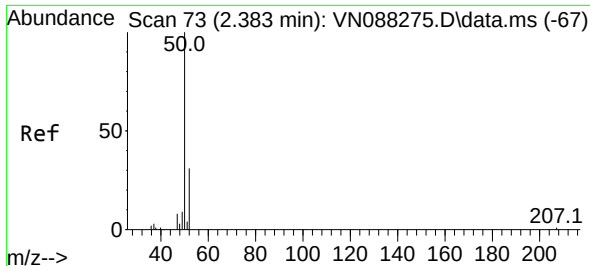
Reviewed By : John Carlone 12/01/2025
Supervised By : Semsettin Yesilyurt 12/01/2025



#2
Dichlorodifluoromethane
Concen: 20.067 ug/l
RT: 2.142 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN088363.D
Acq: 26 Nov 2025 09:42

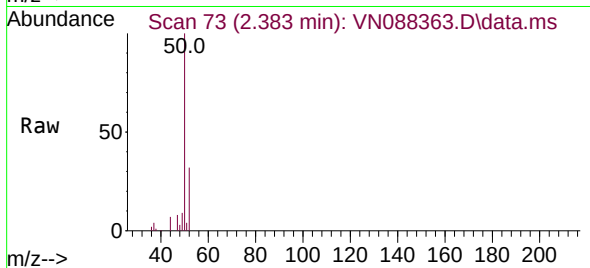
Tgt Ion: 85 Resp: 81075
Ion Ratio Lower Upper
85 100
87 29.6 16.0 48.0





#3
Chloromethane
Concen: 19.147 ug/l
RT: 2.383 min Scan# 73
Delta R.T. 0.000 min
Lab File: VN088363.D
Acq: 26 Nov 2025 09:42

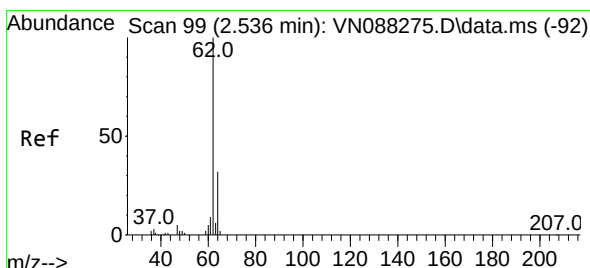
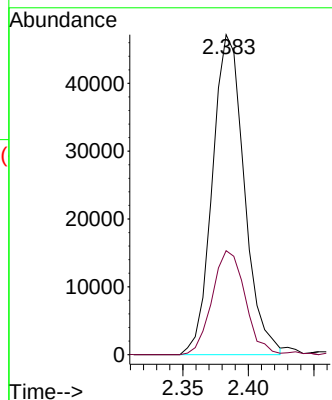
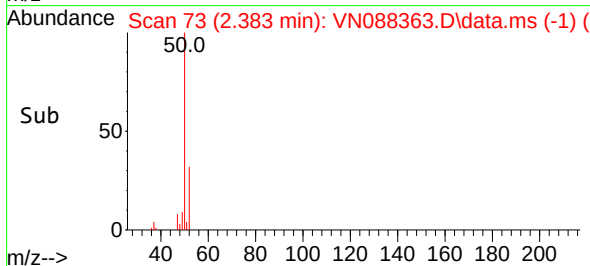
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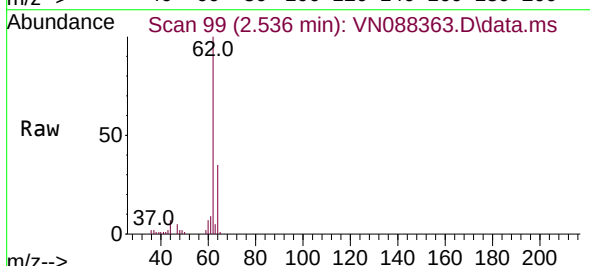
Tgt Ion: 50 Resp: 7976
Ion Ratio Lower Upper
50 100
52 32.5 24.6 36.8

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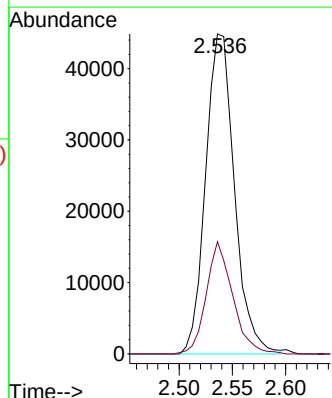
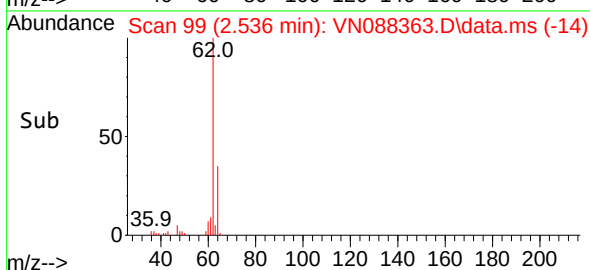
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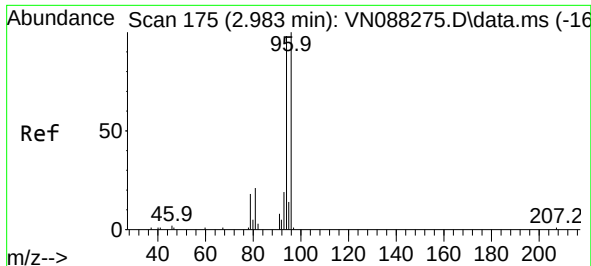


#4
Vinyl Chloride
Concen: 19.187 ug/l
RT: 2.536 min Scan# 99
Delta R.T. 0.000 min
Lab File: VN088363.D
Acq: 26 Nov 2025 09:42



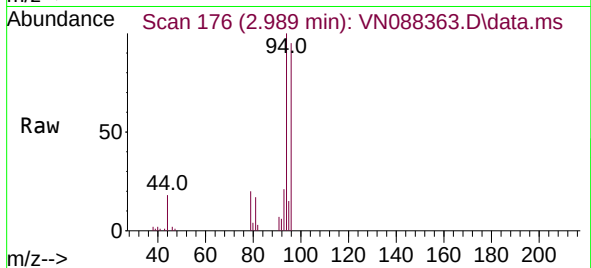
Tgt Ion: 62 Resp: 84515
Ion Ratio Lower Upper
62 100
64 34.7 25.4 38.2





#5
Bromomethane
Concen: 16.777 ug/l
RT: 2.989 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN088363.D
Acq: 26 Nov 2025 09:42

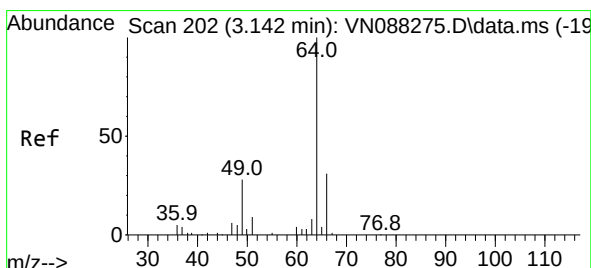
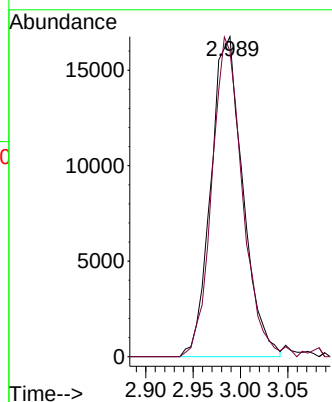
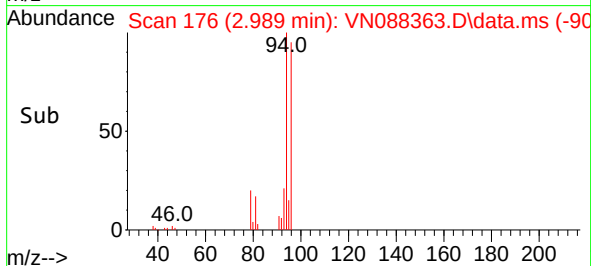
Instrument :
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Tgt Ion: 94 Resp: 39403
Ion Ratio Lower Upper
94 100
96 95.4 81.3 121.9

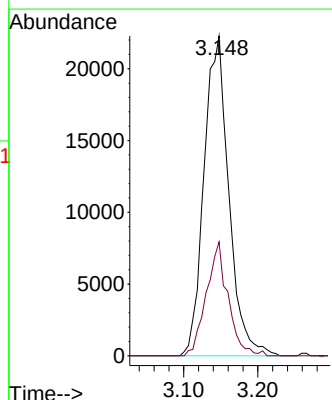
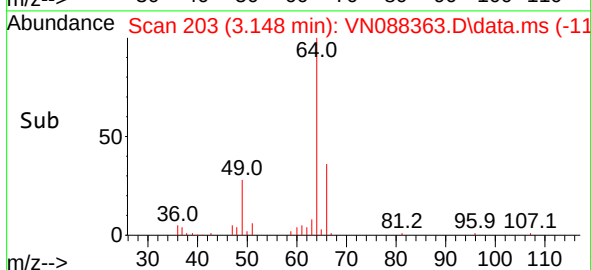
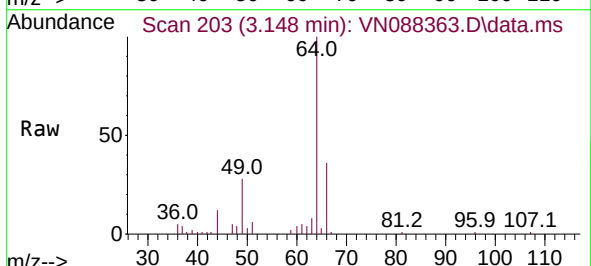
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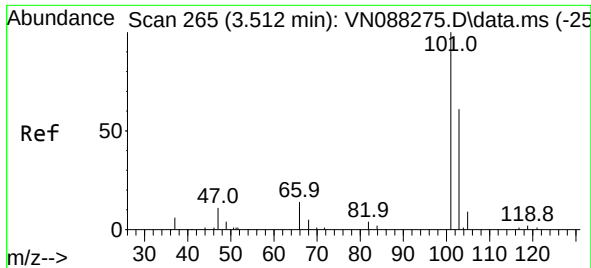
Reviewed By :John Carlone 12/01/2025
Supervised By :Semsettin Yesilyurt 12/01/2025



#6
Chloroethane
Concen: 19.059 ug/l
RT: 3.148 min Scan# 203
Delta R.T. 0.006 min
Lab File: VN088363.D
Acq: 26 Nov 2025 09:42

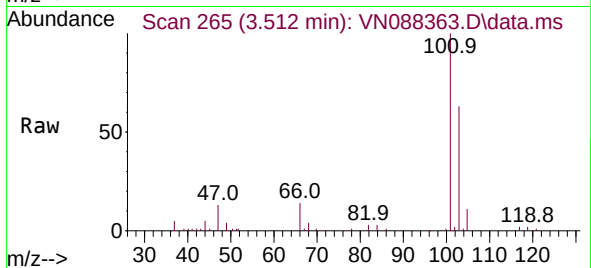
Tgt Ion: 64 Resp: 51891
Ion Ratio Lower Upper
64 100
66 35.6 24.7 37.1





#7
 Trichlorofluoromethane
 Concen: 19.689 ug/l
 RT: 3.512 min Scan# 265
 Delta R.T. 0.000 min
 Lab File: VN088363.D
 Acq: 26 Nov 2025 09:42

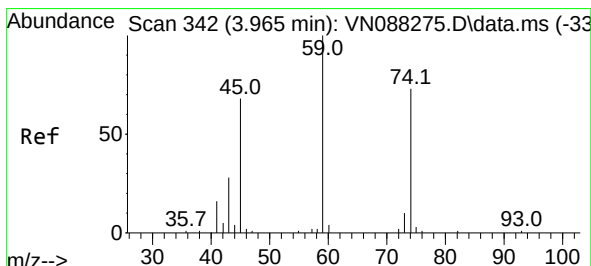
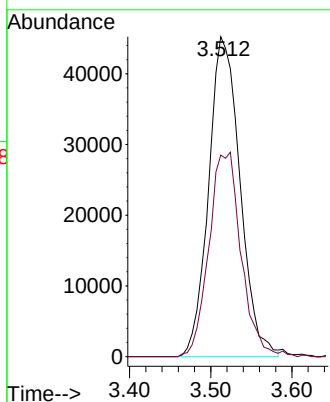
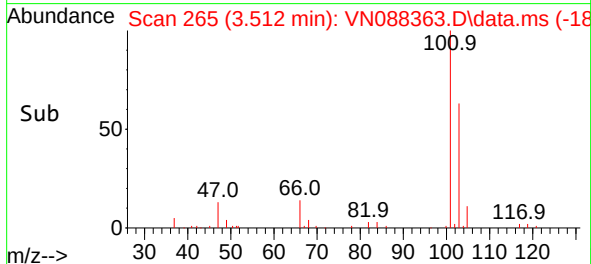
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Tgt Ion:101 Resp: 121589
 Ion Ratio Lower Upper
 101 100
 103 63.0 48.6 73.0

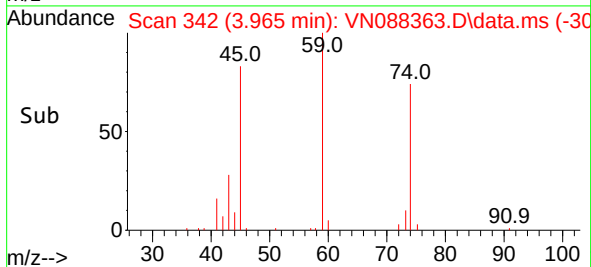
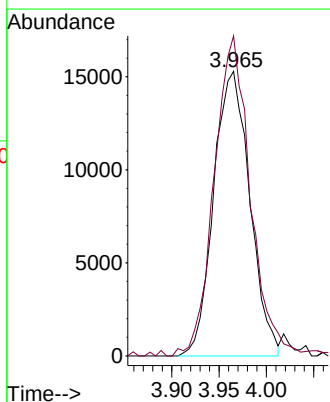
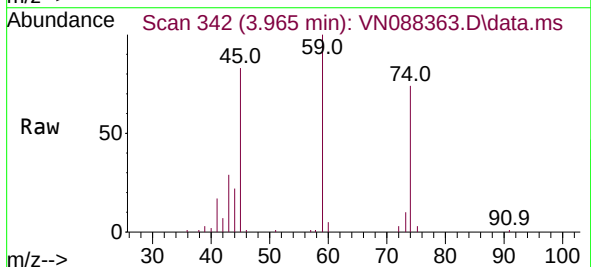
Manual Integrations
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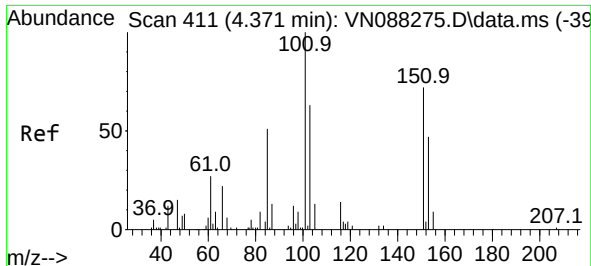
Reviewed By :John Carlone 12/01/2025
 Supervised By :Semsettin Yesilyurt 12/01/2025



#8
 Diethyl Ether
 Concen: 17.599 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 40620
 Ion Ratio Lower Upper
 74 100
 45 111.5 20.9 187.7





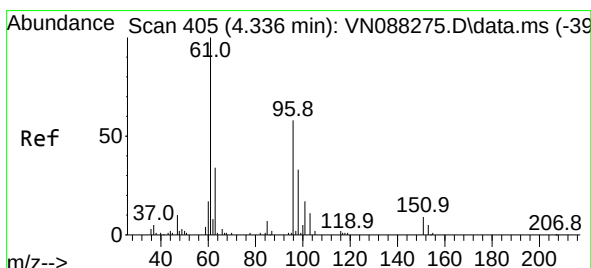
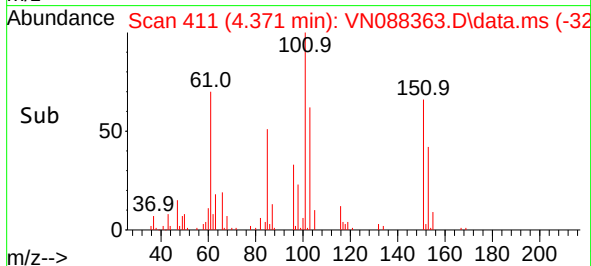
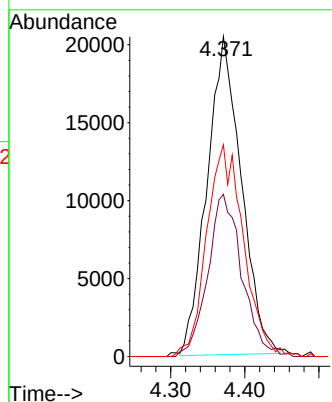
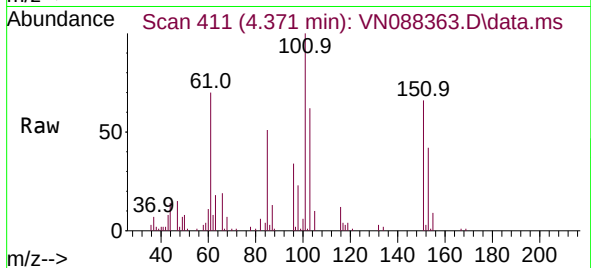
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 1,1,2-Trichlorotrifluoroethane
 Concen: 20.222 ug/l
 RT: 4.371 min Scan# 411
 Delta R.T. 0.000 min
 Lab File: VN088363.D
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Instrument :
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Tgt Ion:101 Resp: 65513
 Ion Ratio Lower Upper
 101 100
 85 50.6 0.0 100.8
 151 71.3 0.0 138.4

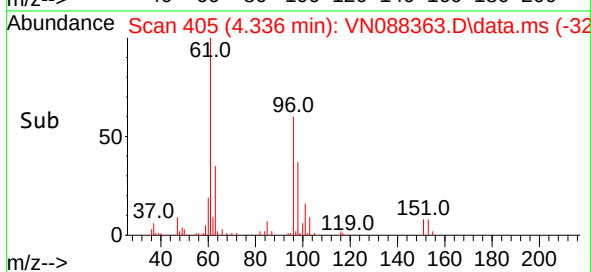
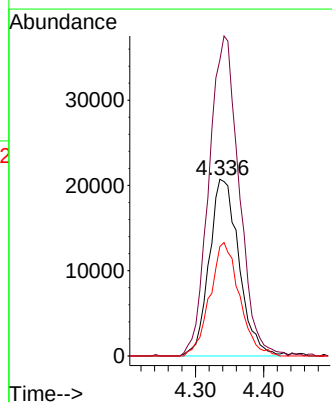
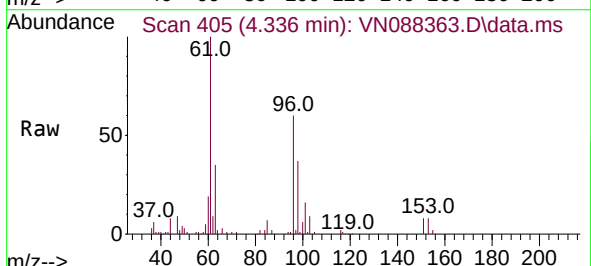
Manual Integrations
 APPROVED

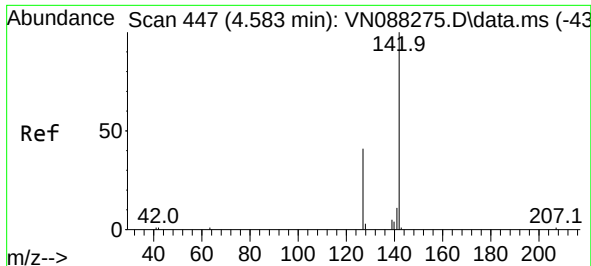
Reviewed By :John Carlone 12/01/2025
 Supervised By :Semsettin Yesilyurt 12/01/2025



#10
 1,1-Dichloroethene
 Concen: 19.769 ug/l
 RT: 4.336 min Scan# 405
 Delta R.T. 0.000 min
 Lab File: VN088363.D
 Acq: 26 Nov 2025 09:42

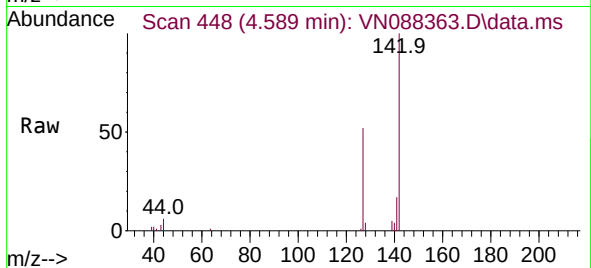
Tgt Ion: 96 Resp: 62482
 Ion Ratio Lower Upper
 96 100
 61 167.6 137.8 206.8
 98 62.0 45.6 68.4





#11
Methyl Iodide
Concen: 17.861 ug/l
RT: 4.589 min Scan# 447
Delta R.T. 0.006 min
Lab File: VN088363.D
Acq: 26 Nov 2025 09:42

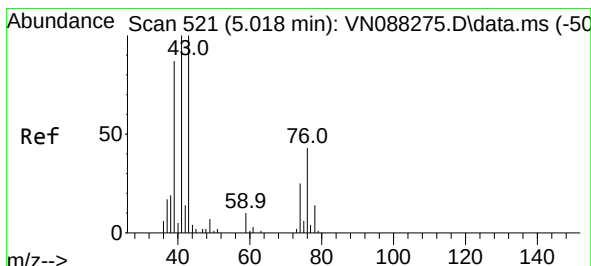
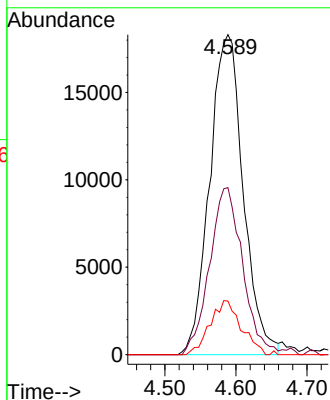
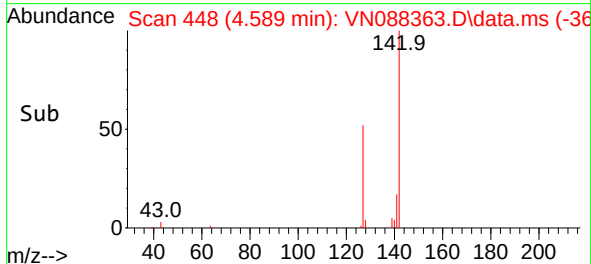
Instrument :
MSVOA_N
ClientSampleId :
VN1126WBS01



Tgt Ion:142 Resp: 60075
Ion Ratio Lower Upper
142 100
127 52.5 20.4 61.2
141 17.0 5.6 16.8

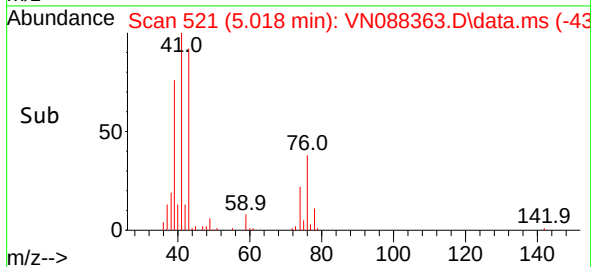
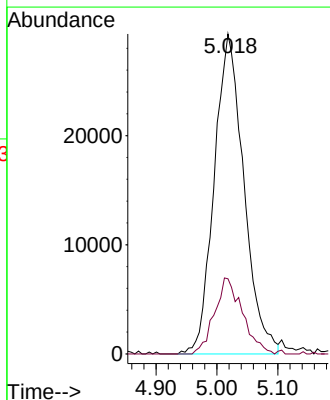
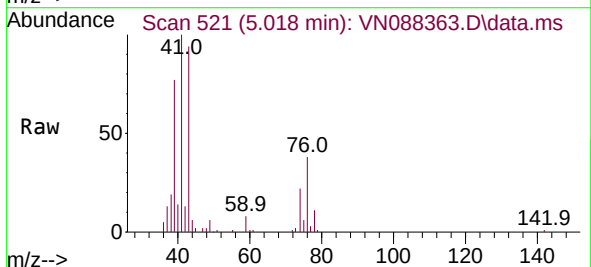
Manual Integrations
APPROVED

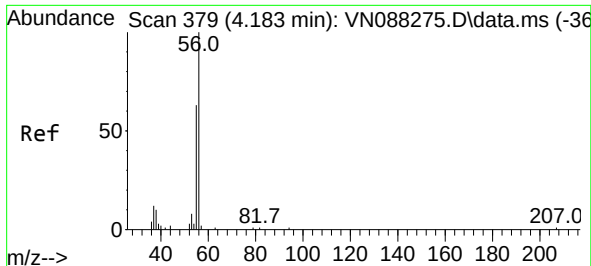
Reviewed By :John Carlone 12/01/2025
Supervised By :Semsettin Yesilyurt 12/01/2025



#12
Methyl Acetate
Concen: 19.444 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN088363.D
Acq: 26 Nov 2025 09:42

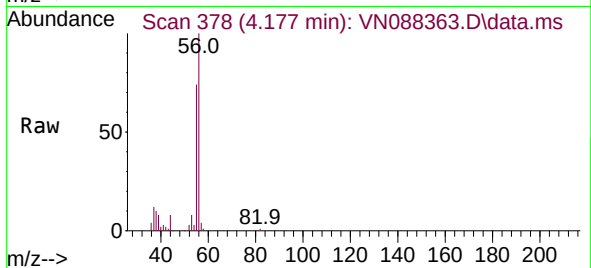
Tgt Ion: 43 Resp: 99145
Ion Ratio Lower Upper
43 100
74 23.4 19.8 29.8





#13
Acrolein
Concen: 151.465 ug/l
RT: 4.177 min Scan# 379
Delta R.T. -0.006 min
Lab File: VN088363.D
Acq: 26 Nov 2025 09:42

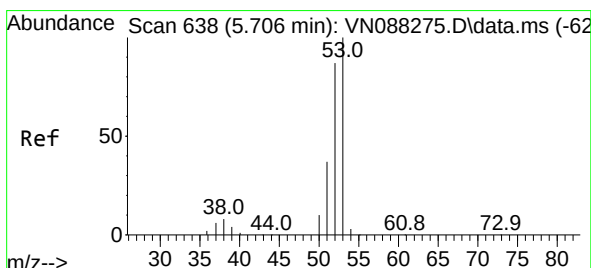
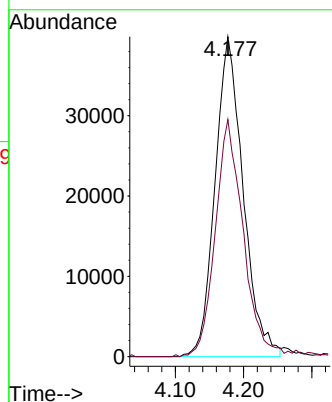
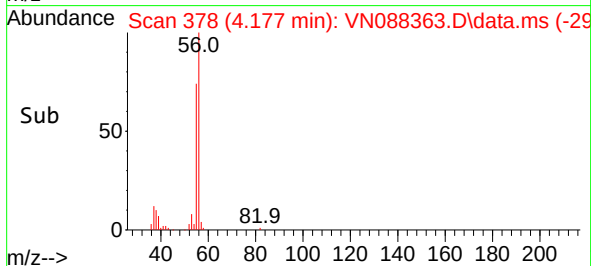
Instrument :
MSVOA_N
ClientSampleId :
VN1126WBS01



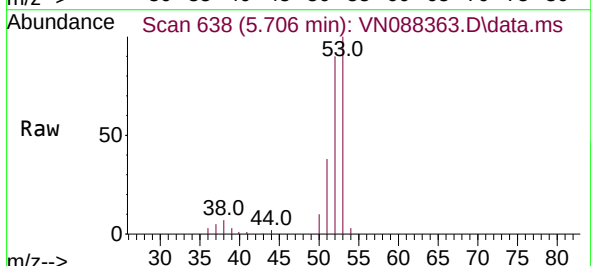
Tgt Ion: 56 Resp: 113629
Ion Ratio Lower Upper
56 100
55 73.3 57.9 86.9

Manual Integrations
APPROVED

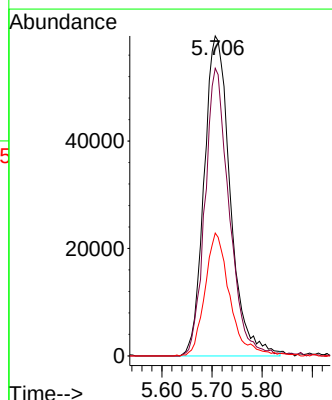
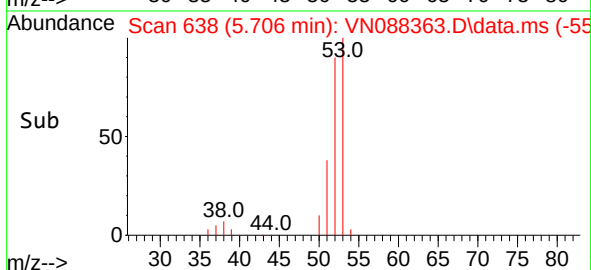
Reviewed By :John Carlone 12/01/2025
Supervised By :Semsettin Yesilyurt 12/01/2025

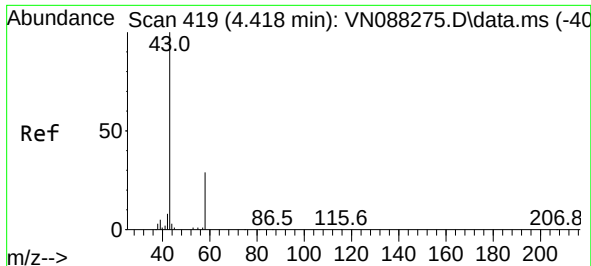


#14
Acrylonitrile
Concen: 93.157 ug/l
RT: 5.706 min Scan# 638
Delta R.T. 0.000 min
Lab File: VN088363.D
Acq: 26 Nov 2025 09:42



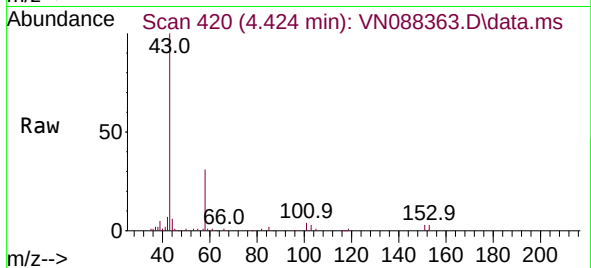
Tgt Ion: 53 Resp: 215838
Ion Ratio Lower Upper
53 100
52 83.0 42.3 126.9
51 34.7 18.4 55.2





#15
Acetone
Concen: 66.996 ug/l
RT: 4.424 min Scan# 419
Delta R.T. 0.006 min
Lab File: VN088363.D
Acq: 26 Nov 2025 09:42

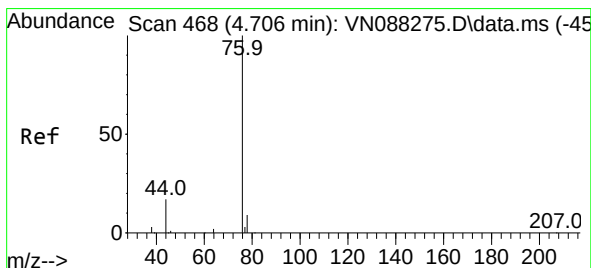
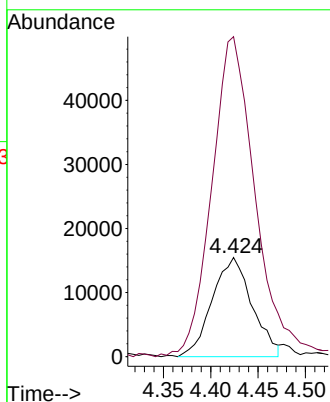
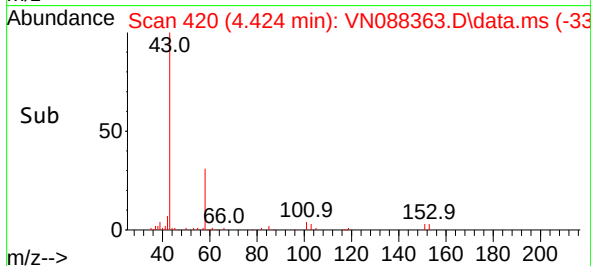
Instrument :
MSVOA_N
ClientSampleId :
VN1126WBS01



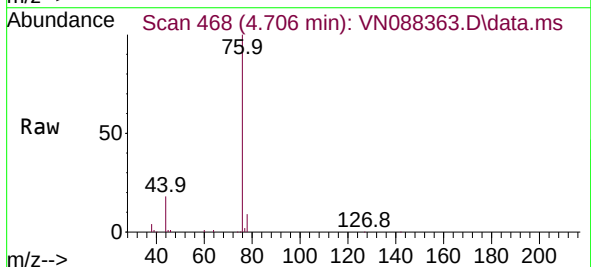
Tgt Ion: 58 Resp: 45393
Ion Ratio Lower Upper
58 100
43 317.9 273.9 410.9

Manual Integrations
APPROVED

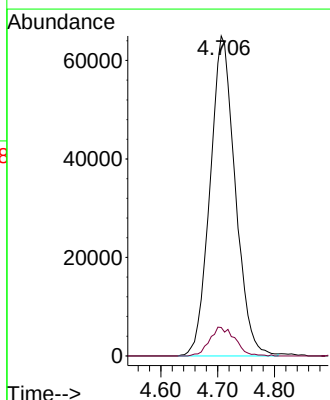
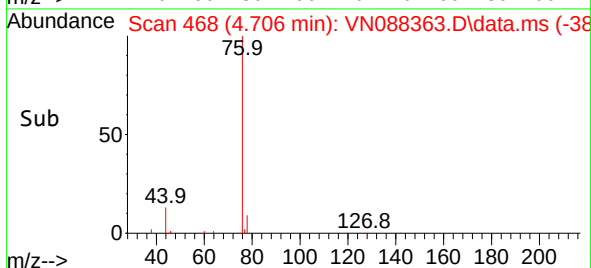
Reviewed By :John Carlone 12/01/2025
Supervised By :Semsettin Yesilyurt 12/01/2025

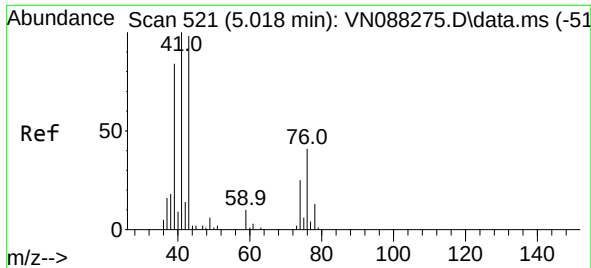


#16
Carbon Disulfide
Concen: 18.782 ug/l
RT: 4.706 min Scan# 468
Delta R.T. 0.000 min
Lab File: VN088363.D
Acq: 26 Nov 2025 09:42



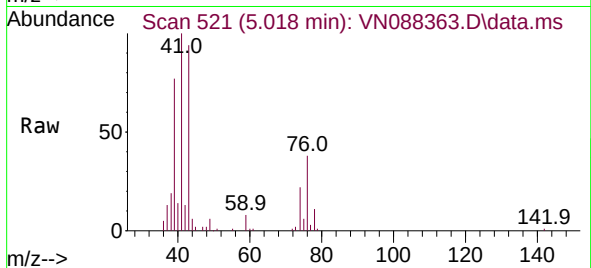
Tgt Ion: 76 Resp: 200210
Ion Ratio Lower Upper
76 100
78 8.9 7.5 11.3





#17
Allyl chloride
Concen: 17.043 ug/l
RT: 5.018 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN088363.D
Acq: 26 Nov 2025 09:42

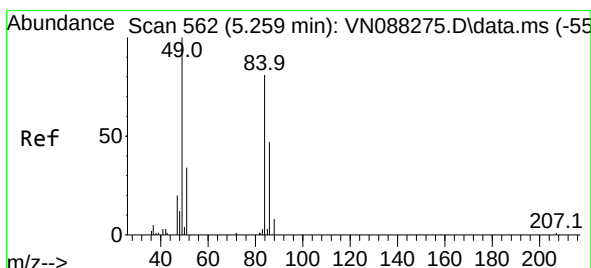
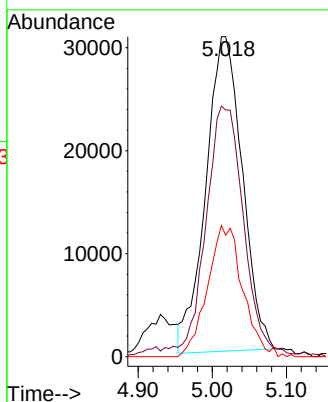
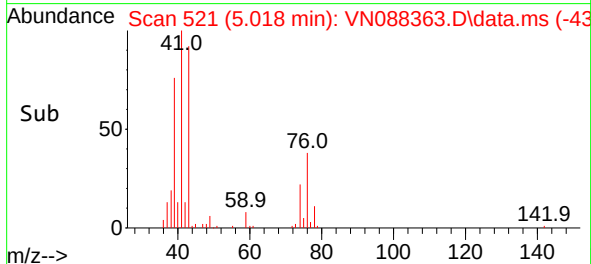
Instrument :
MSVOA_N
ClientSampleId :
VN1126WBS01



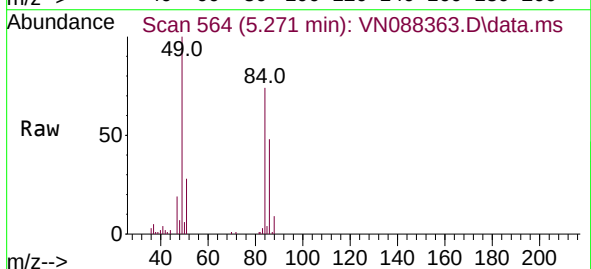
Tgt Ion: 41 Resp: 104679
Ion Ratio Lower Upper
41 100
39 76.6 38.3 114.9
76 38.9 18.5 55.5

Manual Integrations
APPROVED

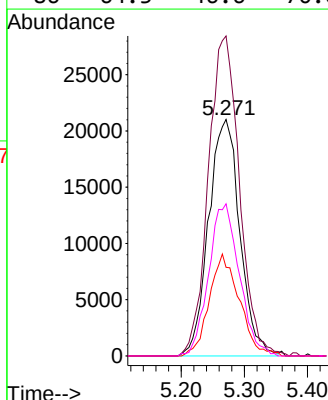
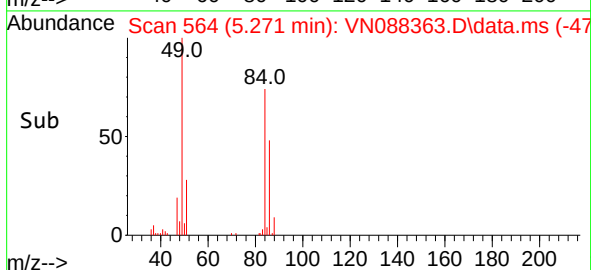
Reviewed By :John Carlone 12/01/2025
Supervised By :Semsettin Yesilyurt 12/01/2025

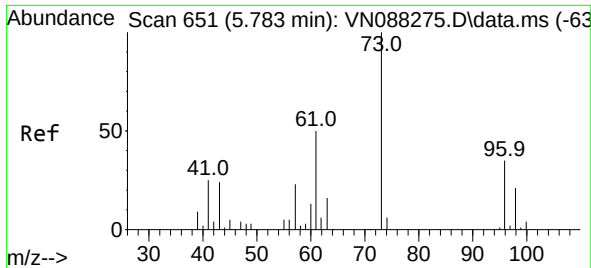


#18
Methylene Chloride
Concen: 18.359 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.012 min
Lab File: VN088363.D
Acq: 26 Nov 2025 09:42



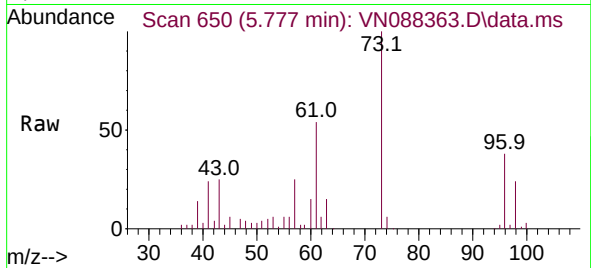
Tgt Ion: 84 Resp: 72125
Ion Ratio Lower Upper
84 100
49 135.4 98.7 148.1
51 37.4 33.7 50.5
86 64.3 46.6 70.0





#19
trans-1,2-Dichloroethene
Concen: 18.654 ug/l
RT: 5.777 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN088363.D
Acq: 26 Nov 2025 09:42

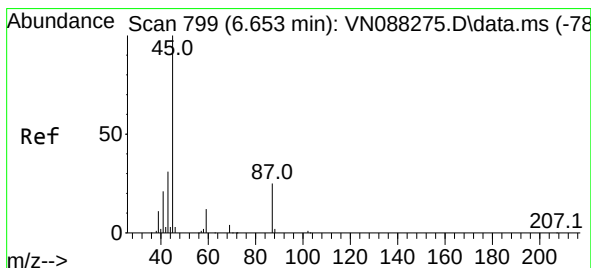
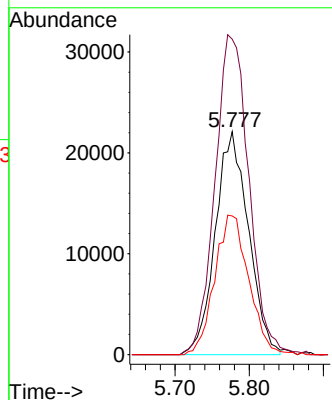
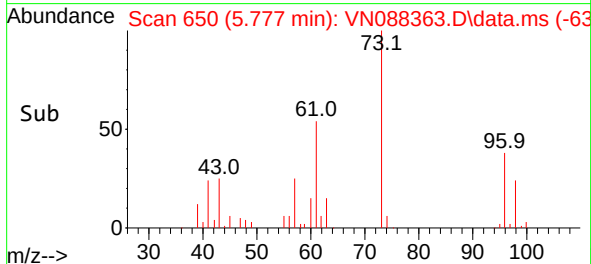
Instrument :
MSVOA_N
ClientSampleId :
VN1126WBS01



Tgt Ion: 96 Resp: 68653
Ion Ratio Lower Upper
96 100
61 141.4 117.0 175.4
98 62.2 48.6 72.8

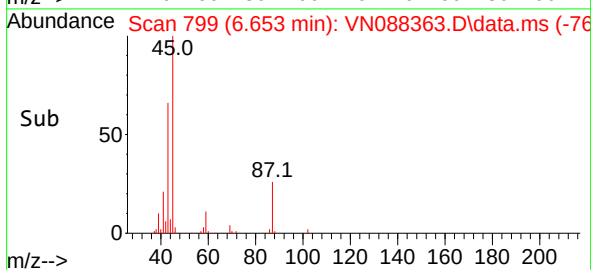
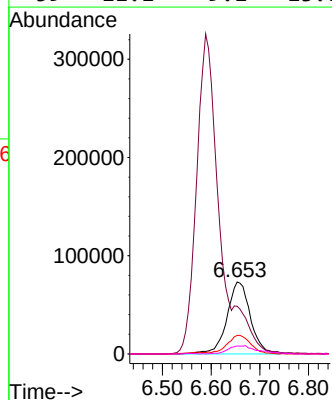
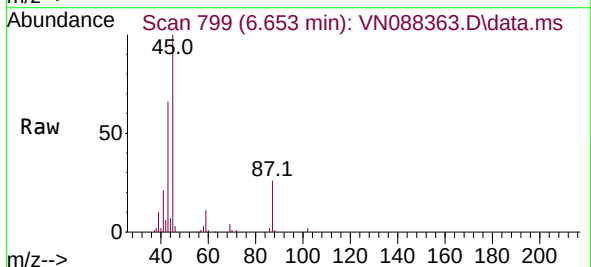
Manual Integrations
APPROVED

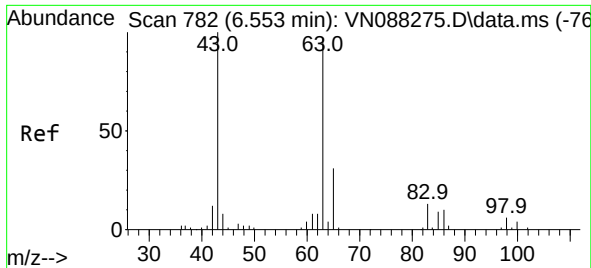
Reviewed By :John Carlone 12/01/2025
Supervised By :Semsettin Yesilyurt 12/01/2025



#20
Diisopropyl ether
Concen: 18.518 ug/l
RT: 6.653 min Scan# 799
Delta R.T. 0.000 min
Lab File: VN088363.D
Acq: 26 Nov 2025 09:42

Tgt Ion: 45 Resp: 243039
Ion Ratio Lower Upper
45 100
43 64.4 51.9 77.9
87 25.7 21.1 31.7
59 11.1 9.1 13.7





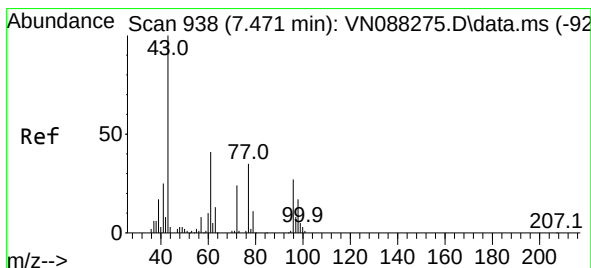
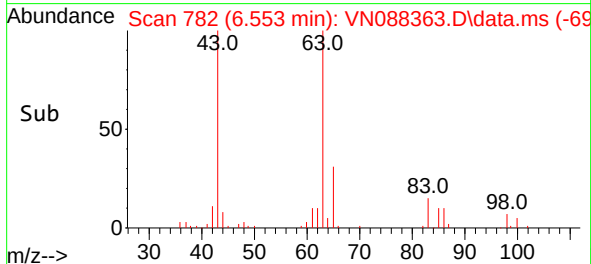
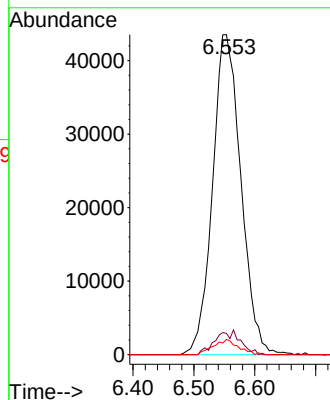
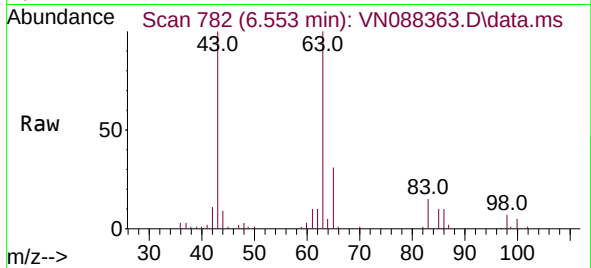
#21
1,1-Dichloroethane
Concen: 19.037 ug/l
RT: 6.553 min Scan# 782
Delta R.T. 0.000 min
Lab File: VN088363.D
Acq: 26 Nov 2025 09:42

Instrument :
MSVOA_N
ClientSampleId :
VN1126WBS01

Tgt Ion: 63 Resp: 140764
Ion Ratio Lower Upper
63 100
98 6.6 3.0 9.0
100 4.7 2.1 6.3

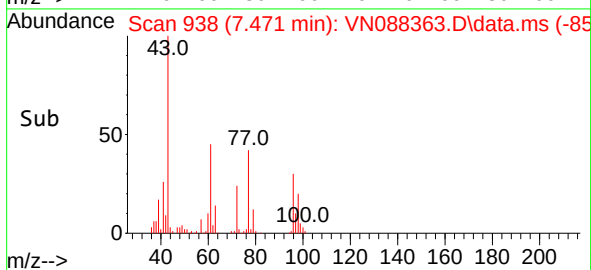
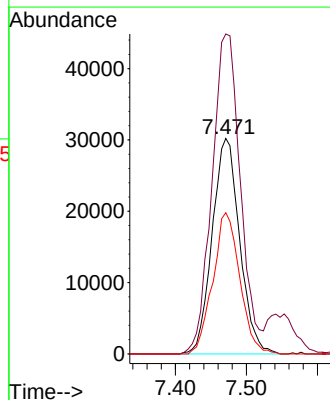
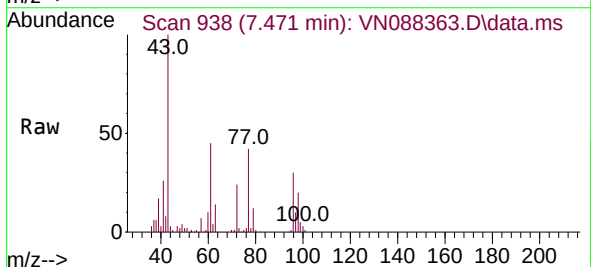
Manual Integrations
APPROVED

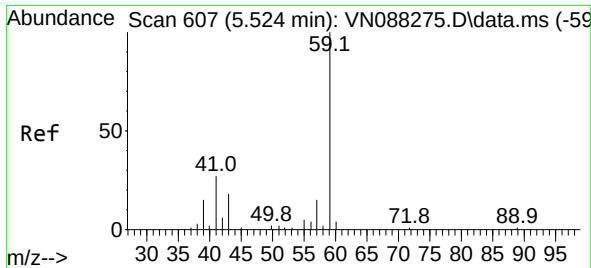
Reviewed By :John Carlone 12/01/2025
Supervised By :Semsettin Yesilyurt 12/01/2025



#22
cis-1,2-Dichloroethene
Concen: 18.977 ug/l
RT: 7.471 min Scan# 938
Delta R.T. 0.000 min
Lab File: VN088363.D
Acq: 26 Nov 2025 09:42

Tgt Ion: 96 Resp: 81177
Ion Ratio Lower Upper
96 100
61 153.9 131.2 196.8
98 64.3 51.0 76.4





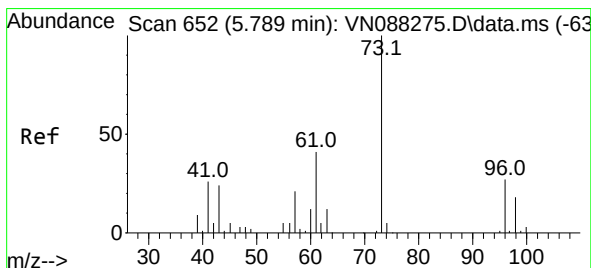
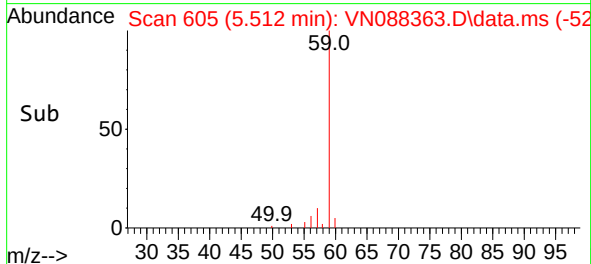
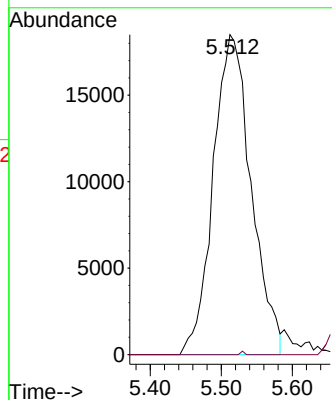
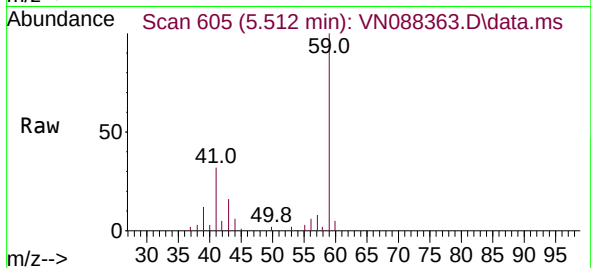
#23
tert-Butyl Alcohol
Concen: 80.724 ug/l
RT: 5.512 min Scan# 607
Delta R.T. -0.012 min
Lab File: VN088363.D
Acq: 26 Nov 2025 09:42

Instrument :
MSVOA_N
ClientSampleId :
VN1126WBS01

Tgt Ion: 59 Resp: 68773
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

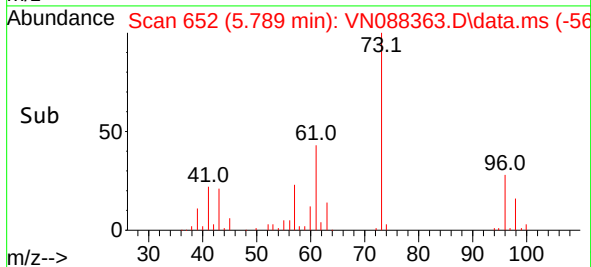
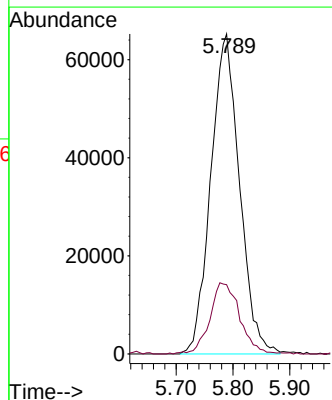
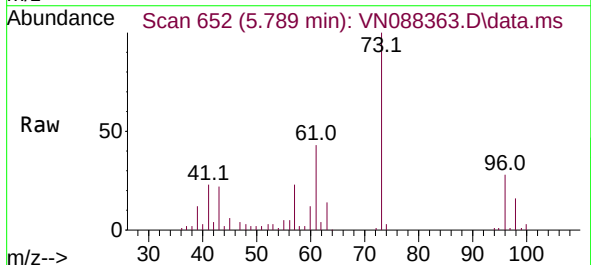
Manual Integrations
APPROVED

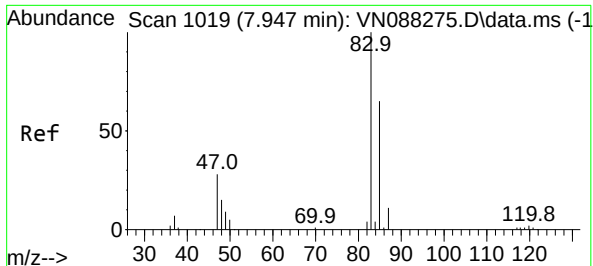
Reviewed By :John Carlone 12/01/2025
Supervised By :Semsettin Yesilyurt 12/01/2025



#24
Methyl tert-Butyl Ether
Concen: 17.925 ug/l
RT: 5.789 min Scan# 652
Delta R.T. 0.000 min
Lab File: VN088363.D
Acq: 26 Nov 2025 09:42

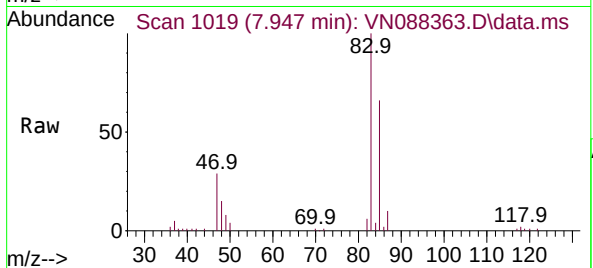
Tgt Ion: 73 Resp: 228419
Ion Ratio Lower Upper
73 100
43 21.8 18.5 27.7





#25
Chloroform
Concen: 18.798 ug/l
RT: 7.947 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VN088363.D
Acq: 26 Nov 2025 09:42

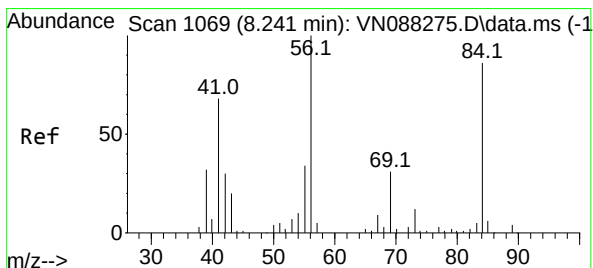
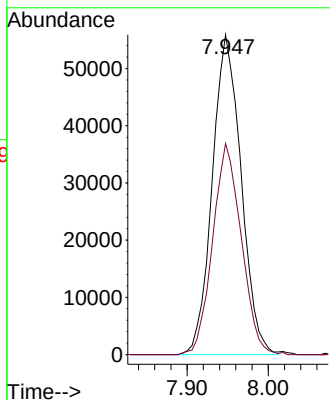
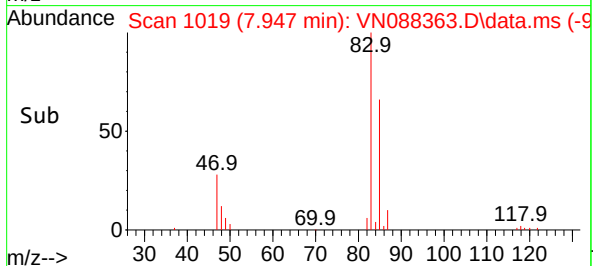
Instrument :
MSVOA_N
ClientSampleId :
VN1126WBS01



Tgt Ion: 83 Resp: 137728
Ion Ratio Lower Upper
83 100
85 66.0 52.2 78.4

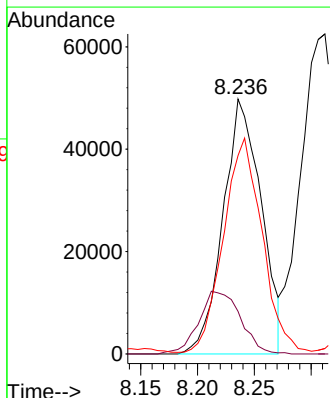
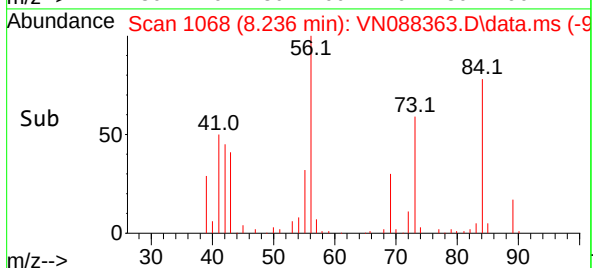
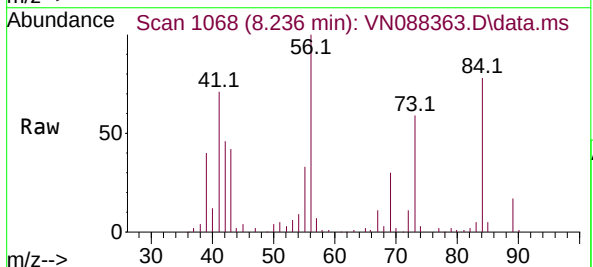
Manual Integrations
APPROVED

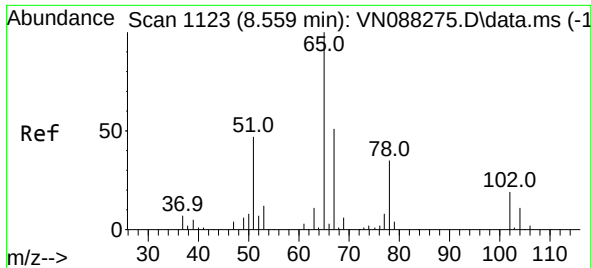
Reviewed By :John Carlone 12/01/2025
Supervised By :Semsettin Yesilyurt 12/01/2025



#26
Cyclohexane
Concen: 18.638 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VN088363.D
Acq: 26 Nov 2025 09:42

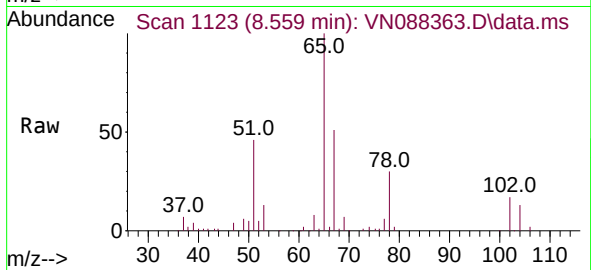
Tgt Ion: 56 Resp: 116406
Ion Ratio Lower Upper
56 100
89 26.8 7.3 10.9#
84 85.2 67.8 101.8





#27
1,2-Dichloroethane-d4
Concen: 28.019 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. 0.000 min
Lab File: VN088363.D
Acq: 26 Nov 2025 09:42

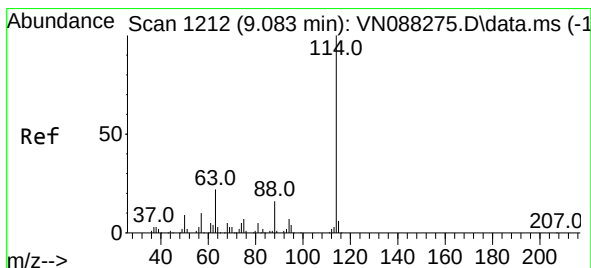
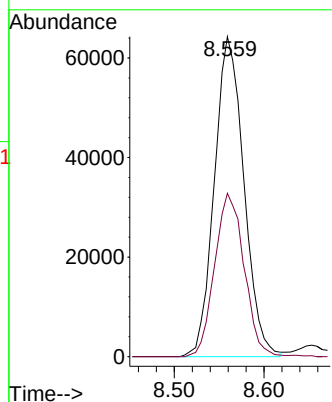
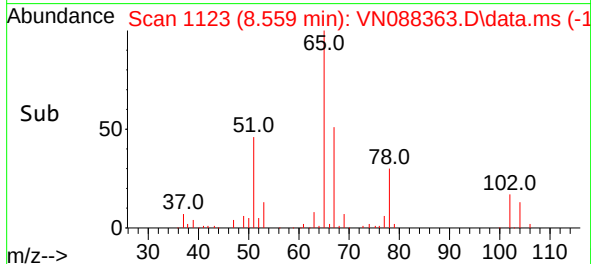
Instrument :
MSVOA_N
ClientSampleId :
VN1126WBS01



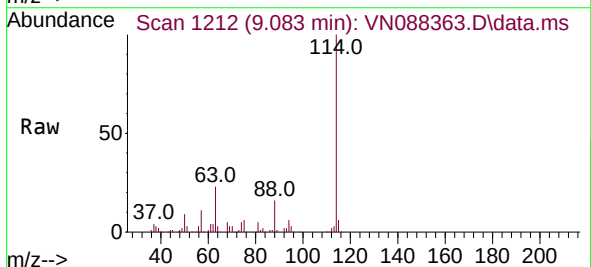
Tgt Ion: 65 Resp: 14710
Ion Ratio Lower Upper
65 100
67 50.9 40.2 60.2

Manual Integrations
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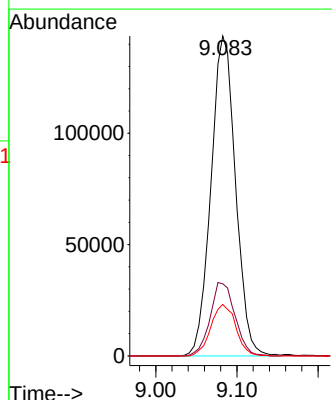
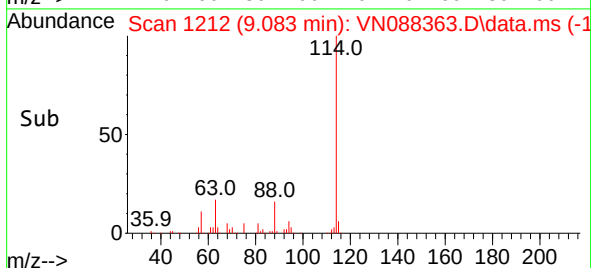
Reviewed By :John Carlone 12/01/2025
Supervised By :Semsettin Yesilyurt 12/01/2025

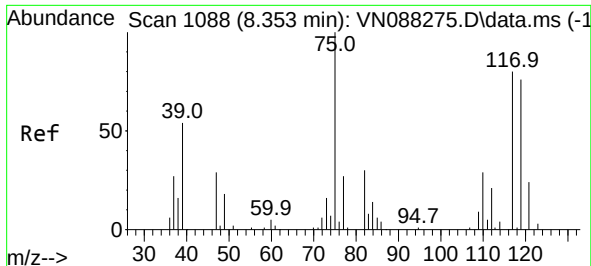


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.083 min Scan# 1212
Delta R.T. 0.000 min
Lab File: VN088363.D
Acq: 26 Nov 2025 09:42



Tgt Ion:114 Resp: 302288
Ion Ratio Lower Upper
114 100
63 23.2 18.9 28.3
88 16.3 12.8 19.2





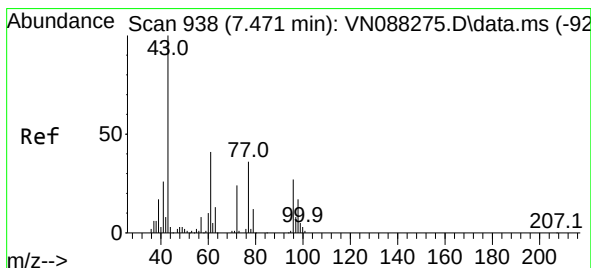
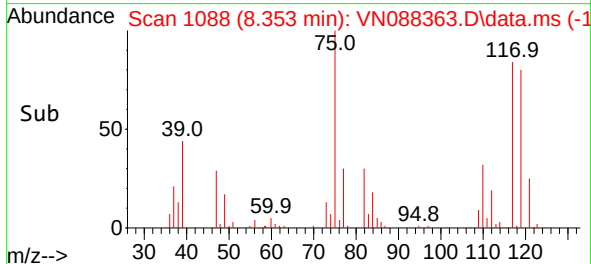
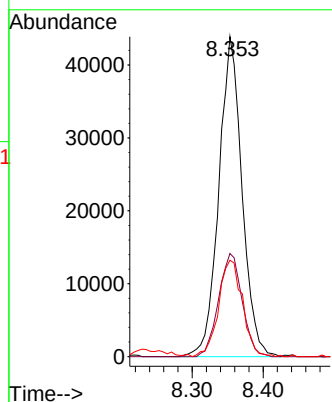
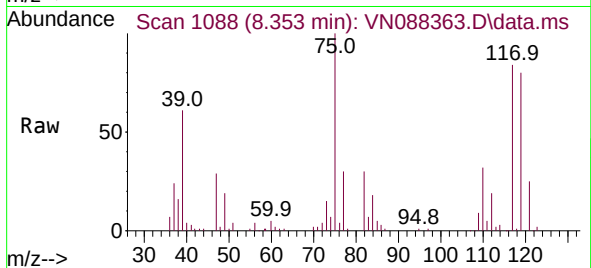
#29
1,1-Dichloropropene
Concen: 19.743 ug/l
RT: 8.353 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VN088363.D
Acq: 26 Nov 2025 09:42

Instrument :
MSVOA_N
ClientSampleId :
VN1126WBS01

Tgt Ion: 75 Resp: 99578
Ion Ratio Lower Upper
75 100
110 32.7 0.0 65.6
77 31.1 0.0 60.8

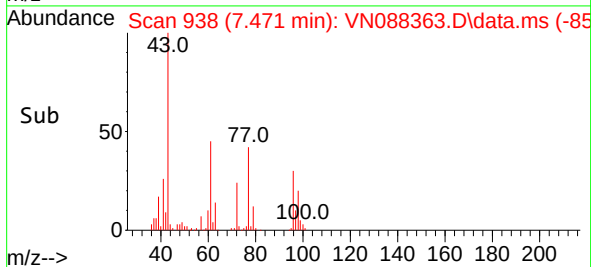
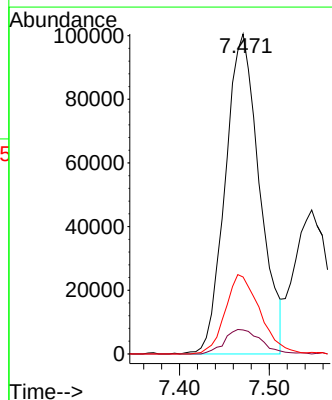
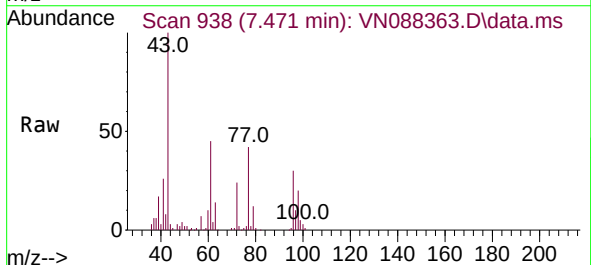
Manual Integrations
APPROVED

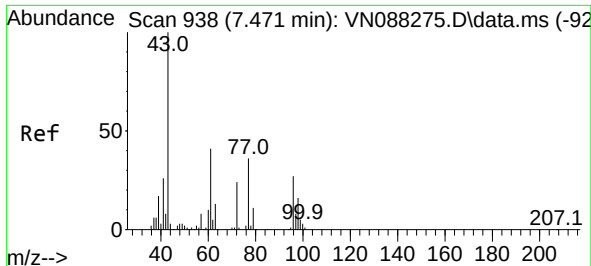
Reviewed By :John Carlone 12/01/2025
Supervised By :Semsettin Yesilyurt 12/01/2025



#30
2-Butanone
Concen: 81.833 ug/l
RT: 7.471 min Scan# 938
Delta R.T. 0.000 min
Lab File: VN088363.D
Acq: 26 Nov 2025 09:42

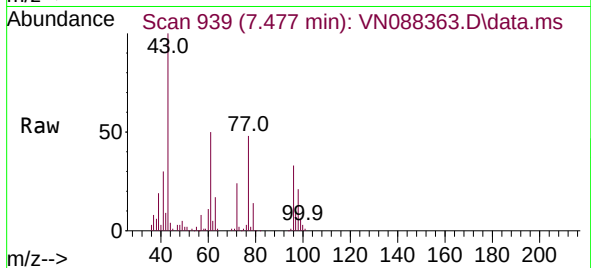
Tgt Ion: 43 Resp: 266992
Ion Ratio Lower Upper
43 100
57 8.0 6.2 9.4
72 25.1 19.4 29.2





#31
2,2-Dichloropropane
Concen: 19.547 ug/l
RT: 7.477 min Scan# 938
Delta R.T. 0.006 min
Lab File: VN088363.D
Acq: 26 Nov 2025 09:42

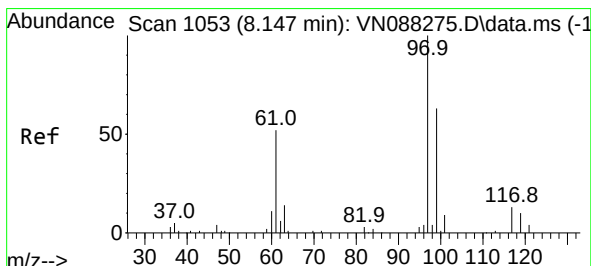
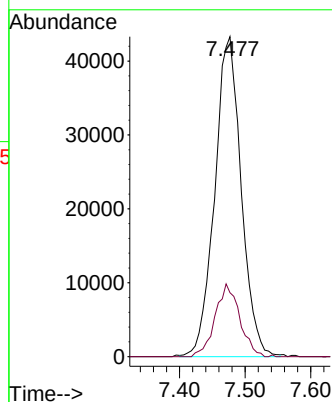
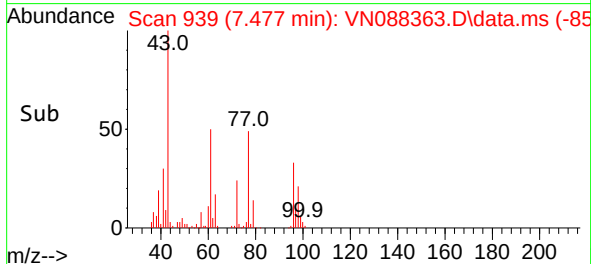
Instrument :
MSVOA_N
ClientSampleId :
VN1126WBS01



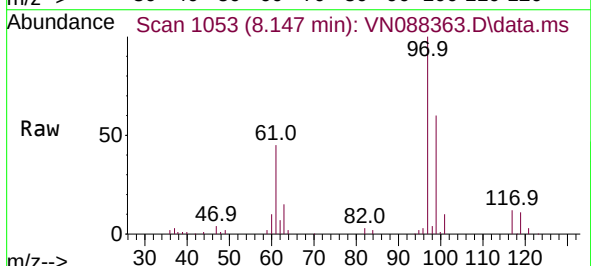
Tgt Ion: 77 Resp: 121604
Ion Ratio Lower Upper
77 100
97 21.0 16.8 25.2

Manual Integrations
APPROVED

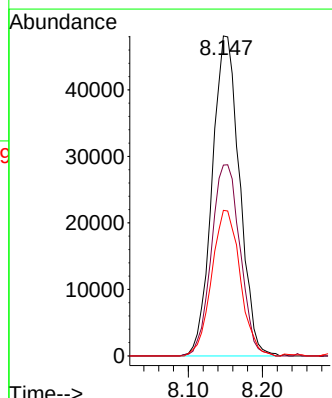
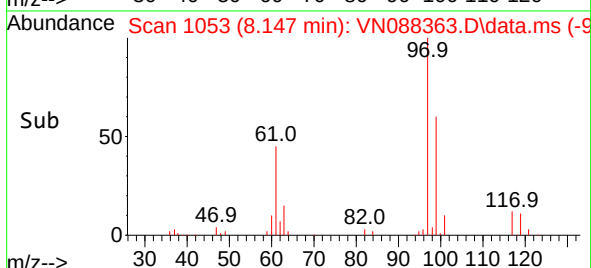
Reviewed By :John Carlone 12/01/2025
Supervised By :Semsettin Yesilyurt 12/01/2025

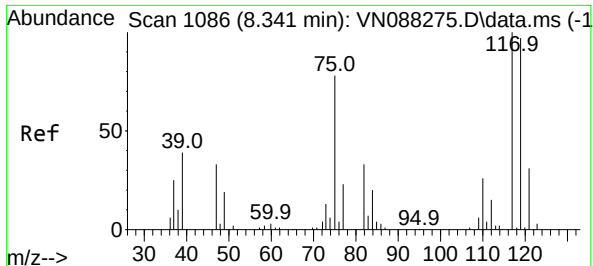


#32
1,1,1-Trichloroethane
Concen: 19.862 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VN088363.D
Acq: 26 Nov 2025 09:42



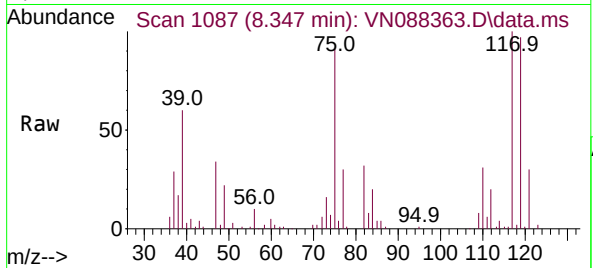
Tgt Ion: 97 Resp: 123495
Ion Ratio Lower Upper
97 100
99 62.5 50.2 75.4
61 47.4 39.8 59.8





#33
Carbon Tetrachloride
Concen: 18.771 ug/l
RT: 8.347 min Scan# 1086
Delta R.T. 0.006 min
Lab File: VN088363.D
Acq: 26 Nov 2025 09:42

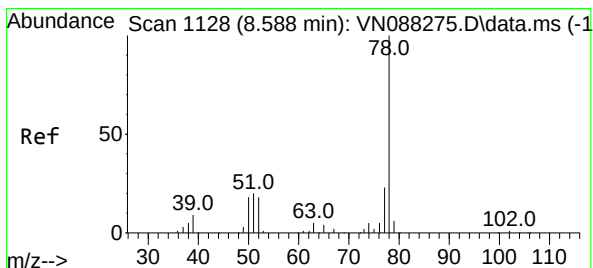
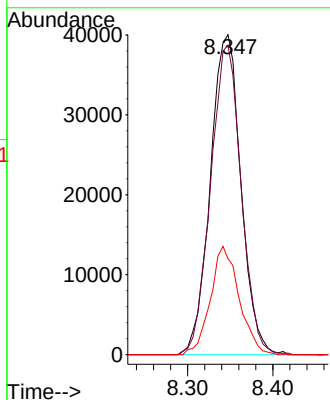
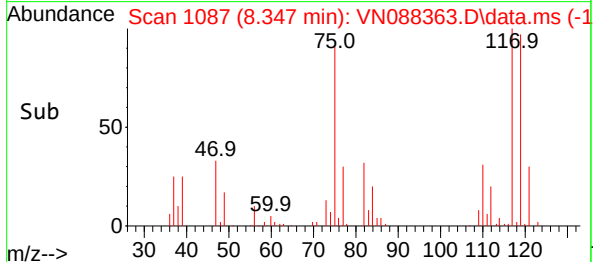
Instrument :
MSVOA_N
ClientSampleId :
VN1126WBS01



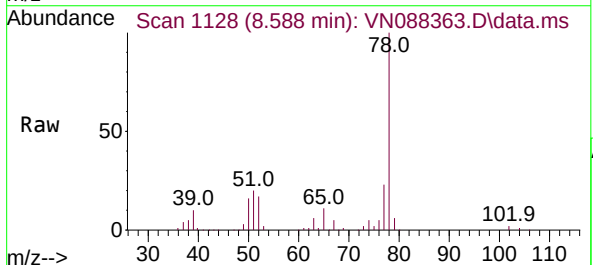
Tgt Ion:117 Resp: 99665
Ion Ratio Lower Upper
117 100
119 96.7 77.8 116.8
121 30.0 24.5 36.7

Manual Integrations
APPROVED

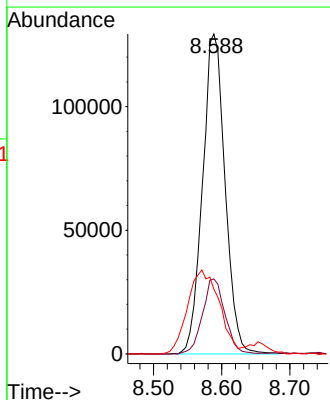
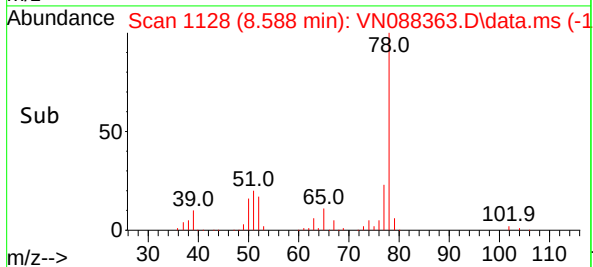
Reviewed By :John Carlone 12/01/2025
Supervised By :Semsettin Yesilyurt 12/01/2025

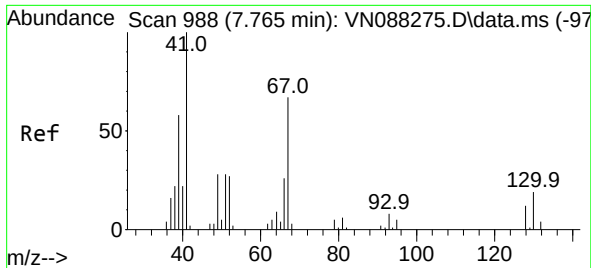


#34
Benzene
Concen: 19.676 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VN088363.D
Acq: 26 Nov 2025 09:42



Tgt Ion: 78 Resp: 296637
Ion Ratio Lower Upper
78 100
77 23.4 18.6 27.8
51 19.7 15.8 23.8





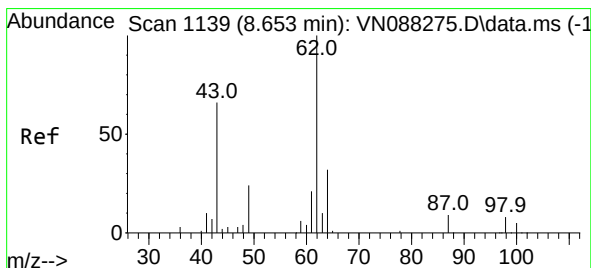
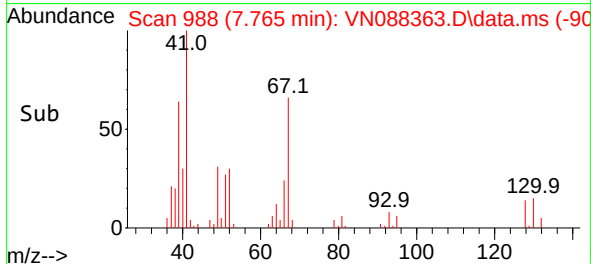
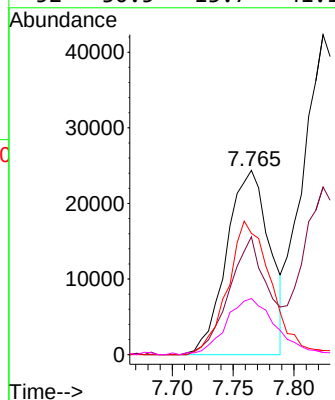
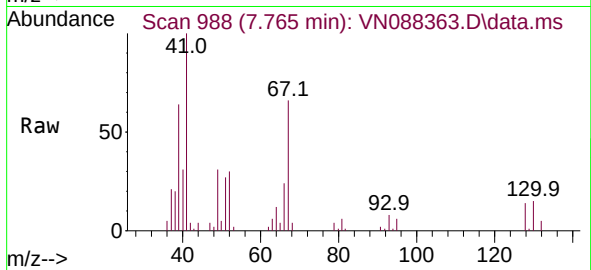
#35
Methacrylonitrile
Concen: 17.630 ug/l
RT: 7.765 min Scan# 988
Delta R.T. 0.000 min
Lab File: VN088363.D
Acq: 26 Nov 2025 09:42

Instrument :
MSVOA_N
ClientSampleId :
VN1126WBS01

Tgt Ion: 41 Resp: 59999
Ion Ratio Lower Upper
41 100
39 64.0 29.0 87.0
67 65.8 33.3 99.9
52 30.5 13.7 41.1

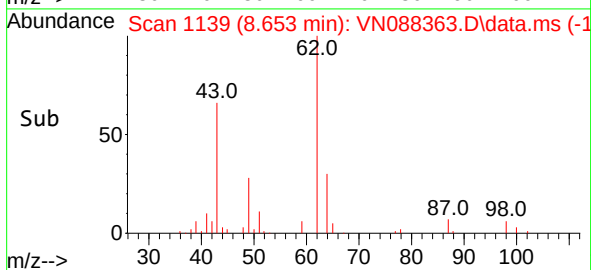
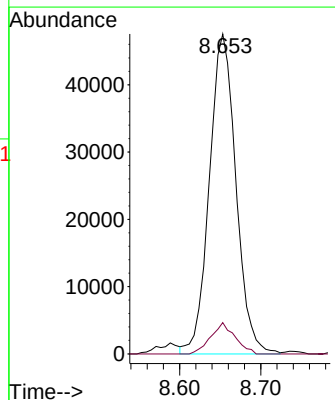
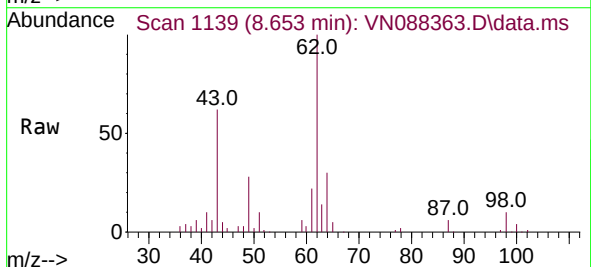
Manual Integrations
APPROVED

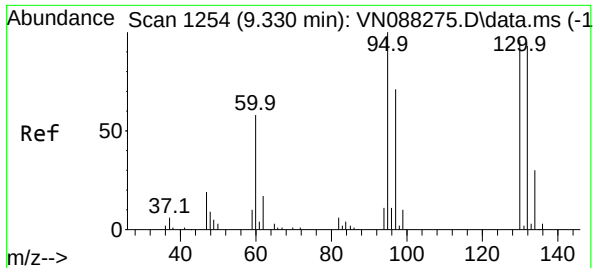
Reviewed By :John Carlone 12/01/2025
Supervised By :Semsettin Yesilyurt 12/01/2025



#36
1,2-Dichloroethane
Concen: 18.444 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. 0.000 min
Lab File: VN088363.D
Acq: 26 Nov 2025 09:42

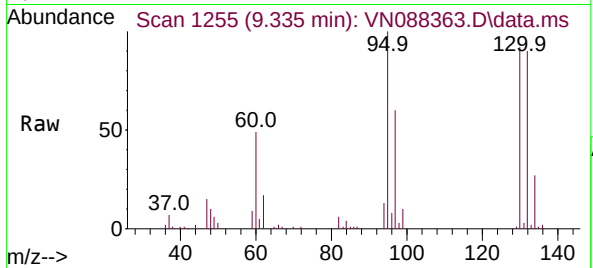
Tgt Ion: 62 Resp: 108221
Ion Ratio Lower Upper
62 100
98 8.9 6.8 10.2





#37
Trichloroethene
Concen: 20.570 ug/l
RT: 9.335 min Scan# 1254
Delta R.T. 0.006 min
Lab File: VN088363.D
Acq: 26 Nov 2025 09:42

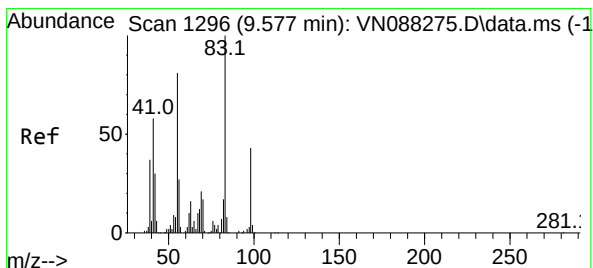
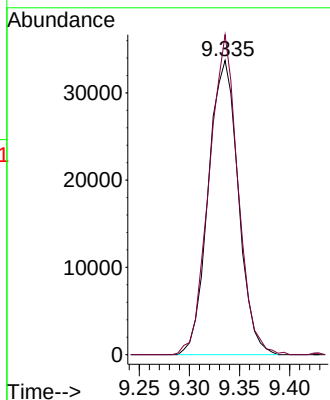
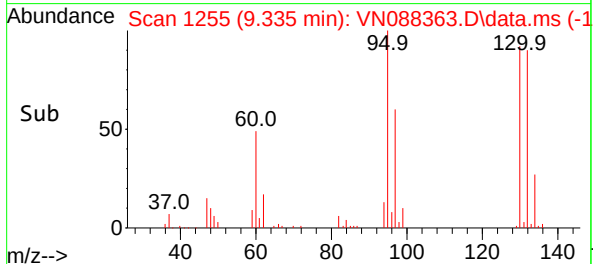
Instrument :
MSVOA_N
ClientSampleId :
VN1126WBS01



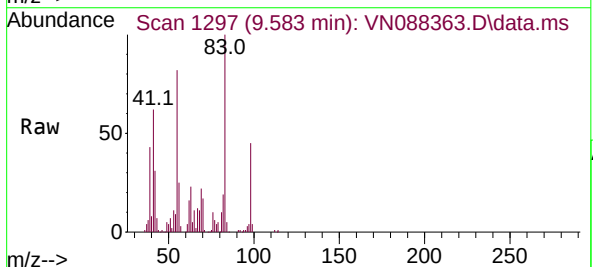
Tgt Ion:130 Resp: 70279
Ion Ratio Lower Upper
130 100
95 108.3 83.7 125.5

Manual Integrations
APPROVED

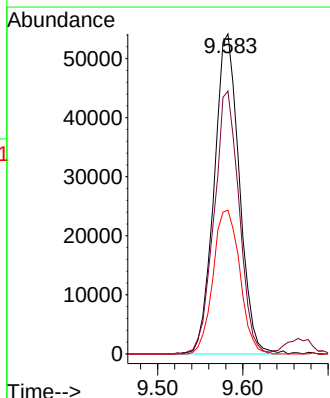
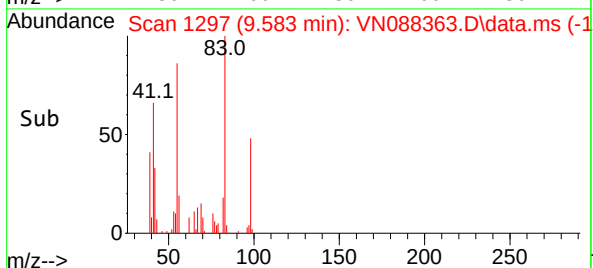
Reviewed By :John Carlone 12/01/2025
Supervised By :Semsettin Yesilyurt 12/01/2025

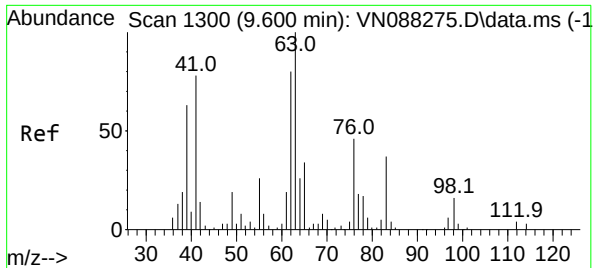


#38
Methylcyclohexane
Concen: 19.205 ug/l
RT: 9.583 min Scan# 1297
Delta R.T. 0.006 min
Lab File: VN088363.D
Acq: 26 Nov 2025 09:42



Tgt Ion: 83 Resp: 111054
Ion Ratio Lower Upper
83 100
55 81.6 40.8 122.5
98 47.8 23.4 70.3





#39

1,2-Dichloropropane

Concen: 19.368 ug/l

RT: 9.606 min Scan# 1300

Delta R.T. 0.006 min

Lab File: VN088363.D

Acq: 26 Nov 2025 09:42

Instrument :

MSVOA_N

ClientSampleId :

VN1126WBS01

Tgt Ion: 63 Resp: 75335

Ion Ratio Lower Upper

63 100

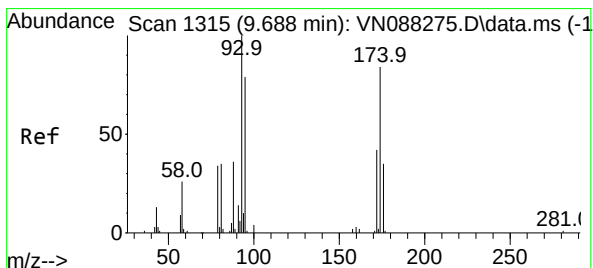
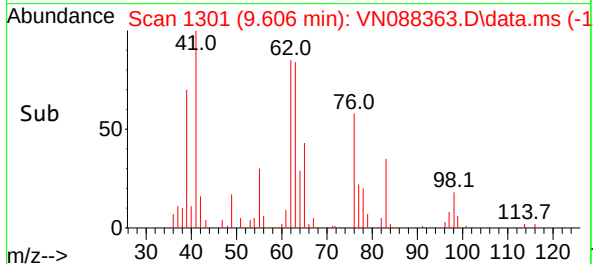
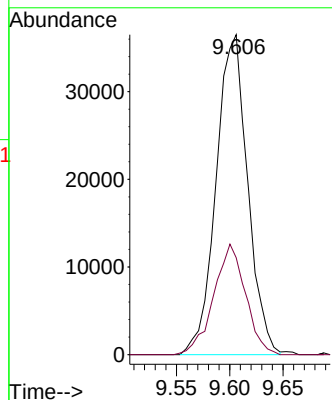
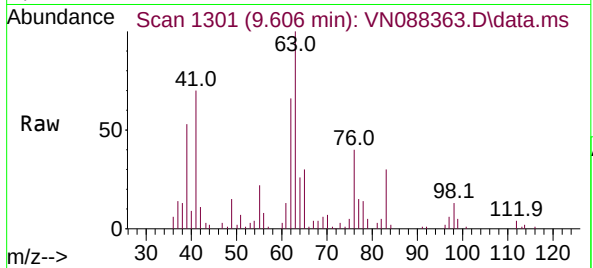
65 30.3 27.8 41.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/01/2025

Supervised By :Semsettin Yesilyurt 12/01/2025



#40

Dibromomethane

Concen: 18.617 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. 0.000 min

Lab File: VN088363.D

Acq: 26 Nov 2025 09:42

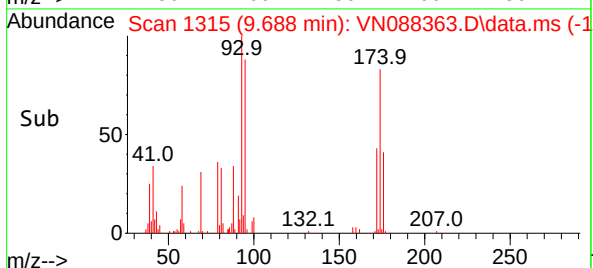
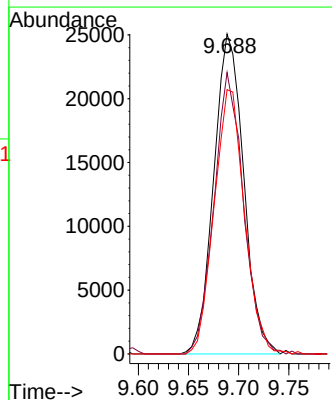
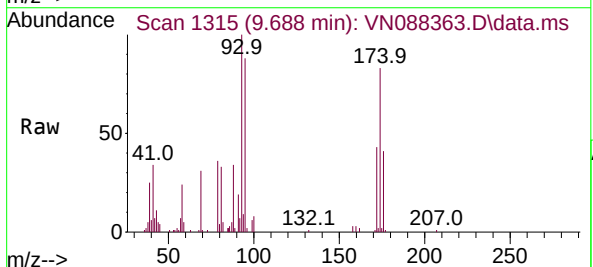
Tgt Ion: 93 Resp: 52027

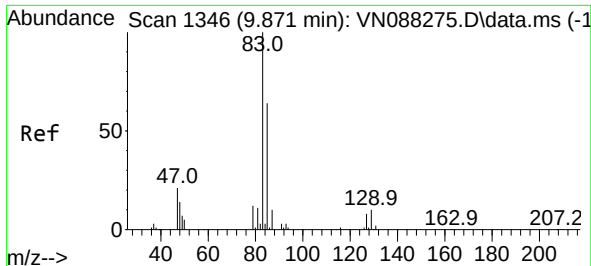
Ion Ratio Lower Upper

93 100

95 86.2 0.0 161.6

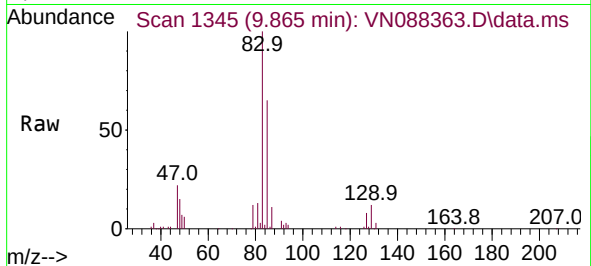
174 83.6 0.0 158.2





#41
Bromodichloromethane
Concen: 18.994 ug/l
RT: 9.865 min Scan# 1346
Delta R.T. -0.006 min
Lab File: VN088363.D
Acq: 26 Nov 2025 09:42

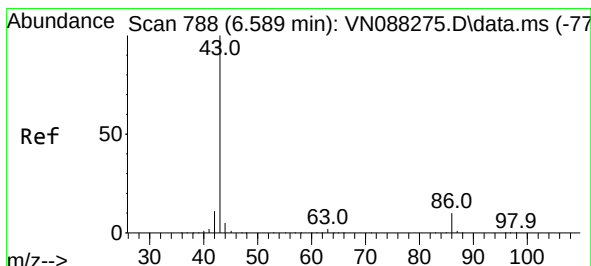
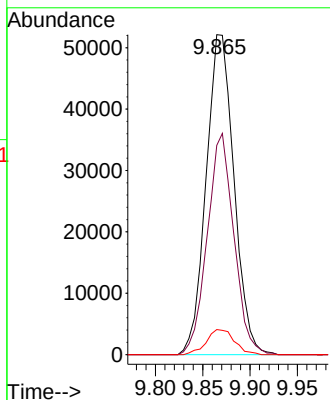
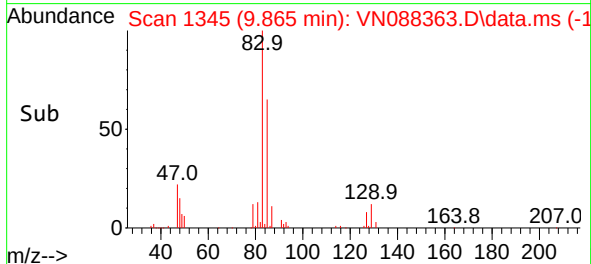
Instrument :
MSVOA_N
ClientSampleId :
VN1126WBS01



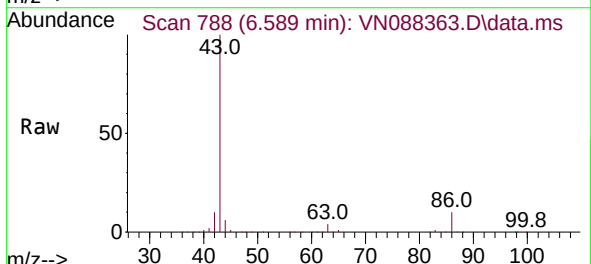
Tgt Ion: 83 Resp: 106856
Ion Ratio Lower Upper
83 100
85 65.4 51.4 77.2
127 7.8 6.4 9.6

Manual Integrations
APPROVED

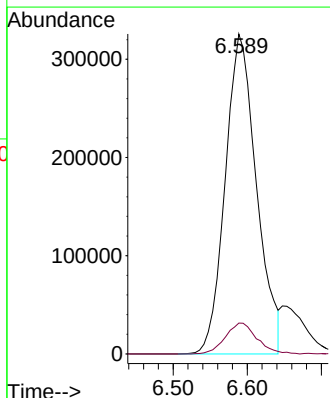
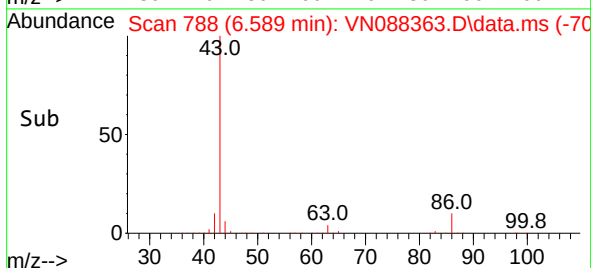
Reviewed By :John Carlone 12/01/2025
Supervised By :Semsettin Yesilyurt 12/01/2025

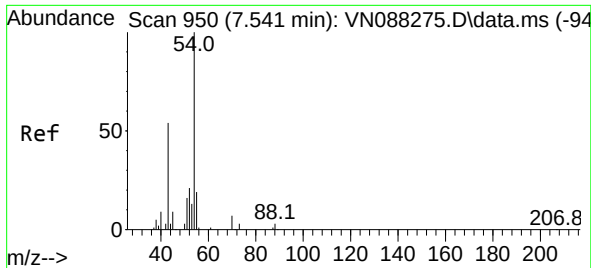


#42
Vinyl Acetate
Concen: 87.748 ug/l
RT: 6.589 min Scan# 788
Delta R.T. 0.000 min
Lab File: VN088363.D
Acq: 26 Nov 2025 09:42



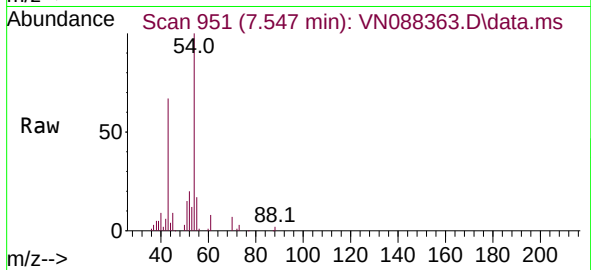
Tgt Ion: 43 Resp: 955530
Ion Ratio Lower Upper
43 100
86 9.7 7.4 11.2





#43
Ethyl Acetate
Concen: 19.562 ug/l
RT: 7.547 min Scan# 911
Delta R.T. 0.006 min
Lab File: VN088363.D
Acq: 26 Nov 2025 09:42

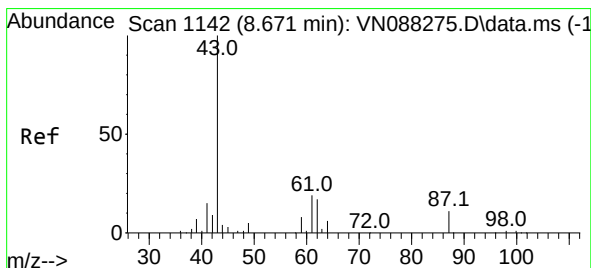
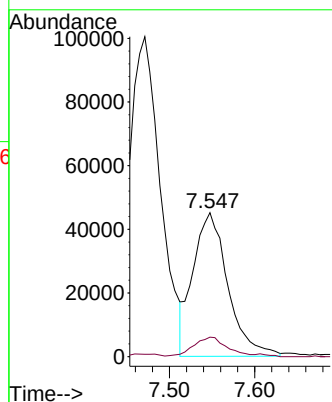
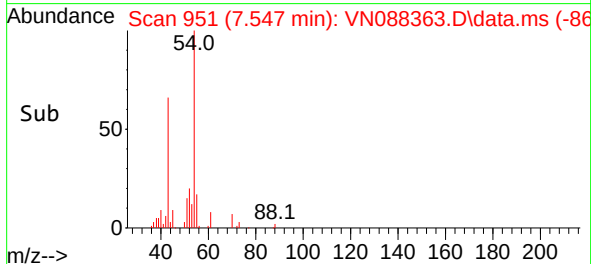
Instrument :
MSVOA_N
ClientSampleId :
VN1126WBS01



Tgt Ion: 43 Resp: 128419
Ion Ratio Lower Upper
43 100
45 13.0 9.9 14.9

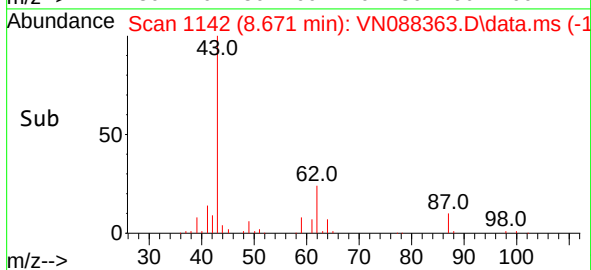
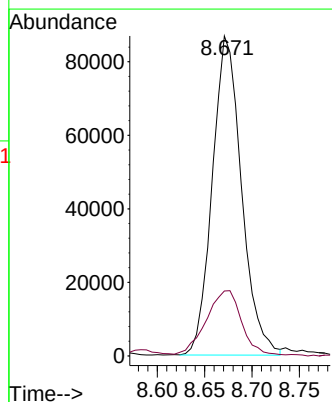
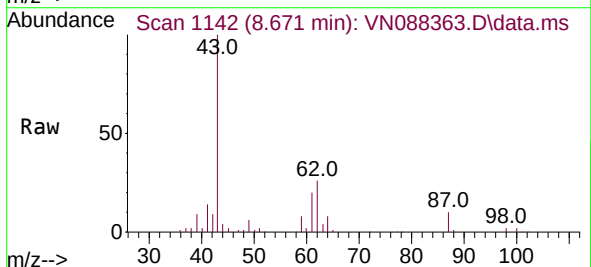
Manual Integrations
APPROVED

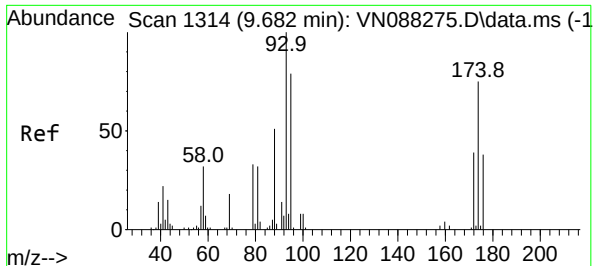
Reviewed By :John Carlone 12/01/2025
Supervised By :Semsettin Yesilyurt 12/01/2025



#44
Isopropyl Acetate
Concen: 18.455 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN088363.D
Acq: 26 Nov 2025 09:42

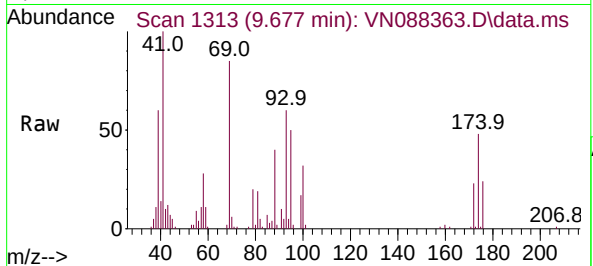
Tgt Ion: 43 Resp: 186701
Ion Ratio Lower Upper
43 100
61 25.0 19.0 28.6





#45
1,4-Dioxane
Concen: 375.475 ug/l
RT: 9.677 min Scan# 1314
Delta R.T. -0.006 min
Lab File: VN088363.D
Acq: 26 Nov 2025 09:42

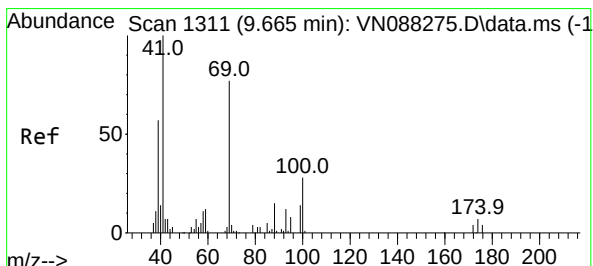
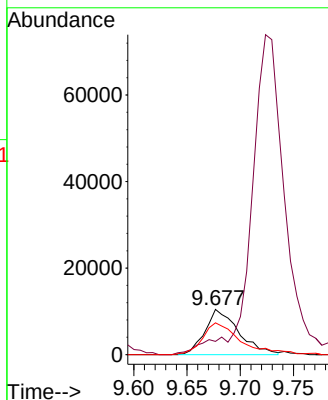
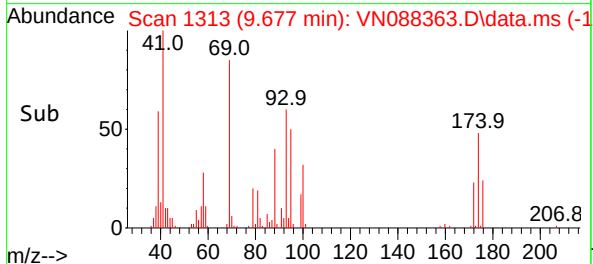
Instrument :
MSVOA_N
ClientSampleId :
VN1126WBS01



Tgt Ion: 88 Resp: 22875
Ion Ratio Lower Upper
88 100
43 31.5 27.8 41.8
58 71.3 59.5 89.3

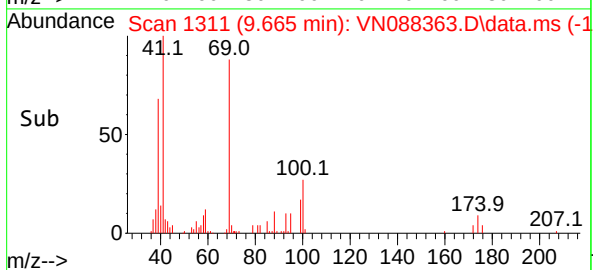
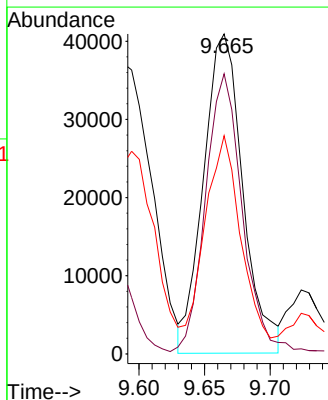
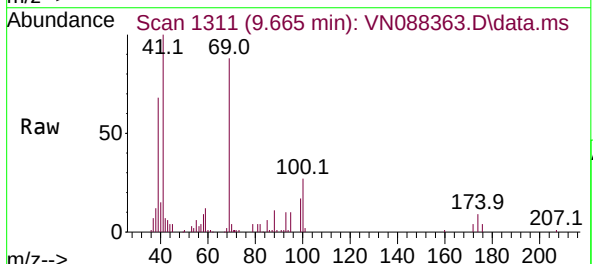
Manual Integrations
APPROVED

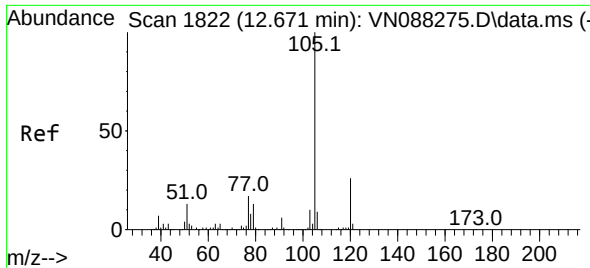
Reviewed By :John Carlone 12/01/2025
Supervised By :Semsettin Yesilyurt 12/01/2025



#46
Methyl methacrylate
Concen: 18.078 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. 0.000 min
Lab File: VN088363.D
Acq: 26 Nov 2025 09:42

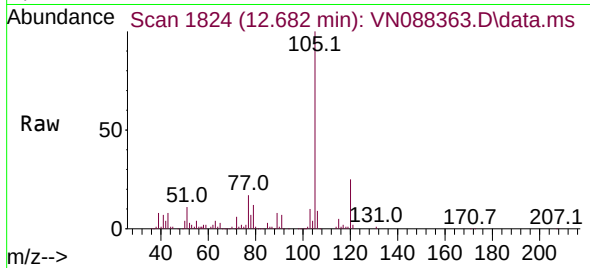
Tgt Ion: 41 Resp: 85582
Ion Ratio Lower Upper
41 100
69 93.4 38.5 115.3
39 68.5 29.0 87.1





#47
n-amy1 Acetate
Concen: 17.271 ug/l m
RT: 12.682 min Scan# 1824
Delta R.T. 0.012 min
Lab File: VN088363.D
Acq: 26 Nov 2025 09:42

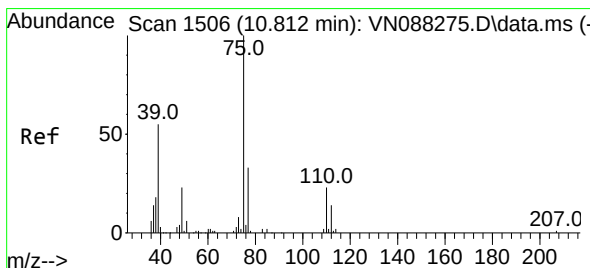
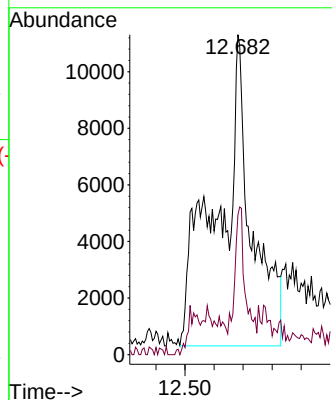
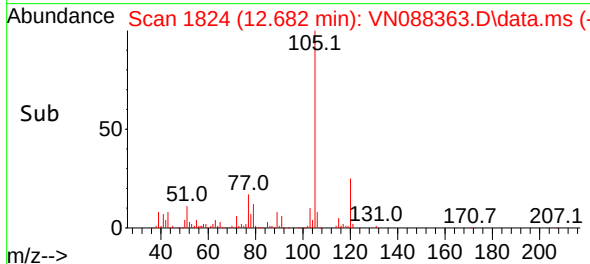
Instrument :
MSVOA_N
ClientSampleId :
VN1126WBS01



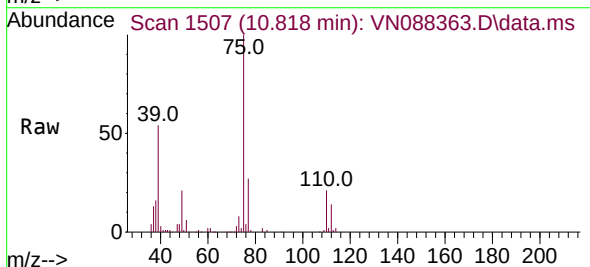
Tgt Ion: 43 Resp: 88539
Ion Ratio Lower Upper
43 100
55 13.1 0.0 0.0

Manual Integrations
APPROVED

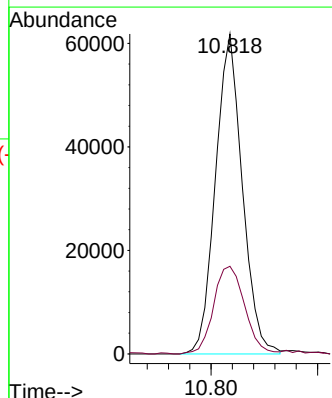
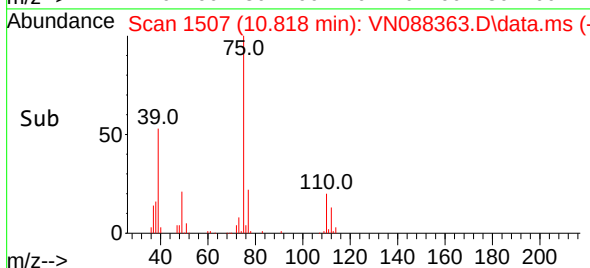
Reviewed By :John Carlone 12/01/2025
Supervised By :Semsettin Yesilyurt 12/01/2025

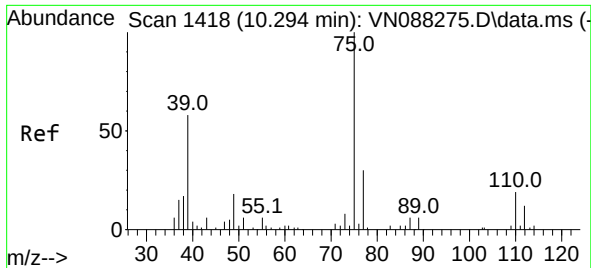


#48
t-1,3-Dichloropropene
Concen: 17.972 ug/l
RT: 10.818 min Scan# 1507
Delta R.T. 0.006 min
Lab File: VN088363.D
Acq: 26 Nov 2025 09:42



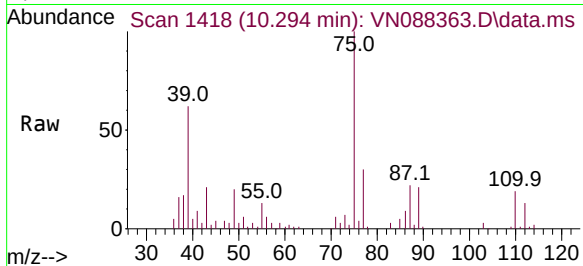
Tgt Ion: 75 Resp: 108144
Ion Ratio Lower Upper
75 100
77 27.4 26.1 39.1





#49
 cis-1,3-Dichloropropene
 Concen: 18.963 ug/l
 RT: 10.294 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VN088363.D
 Acq: 26 Nov 2025 09:42

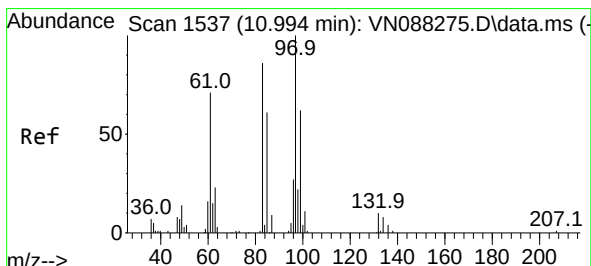
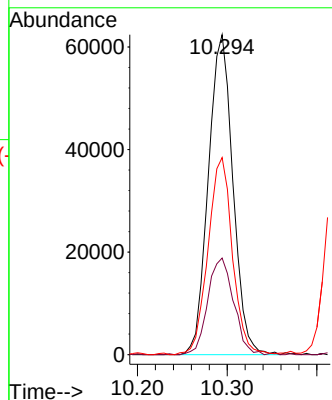
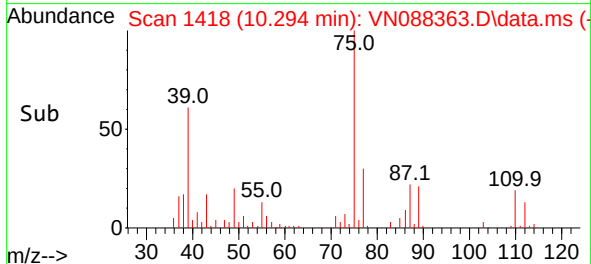
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1126WBS01



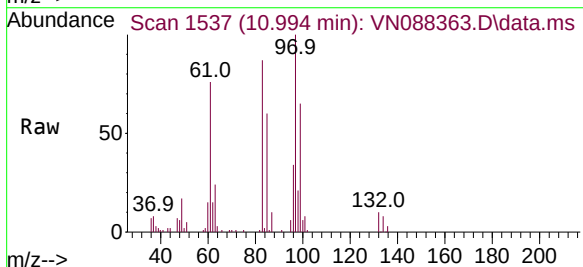
Tgt Ion: 75 Resp: 118722
 Ion Ratio Lower Upper
 75 100
 77 30.2 24.4 36.6
 39 61.1 46.1 69.1

Manual Integrations
 APPROVED

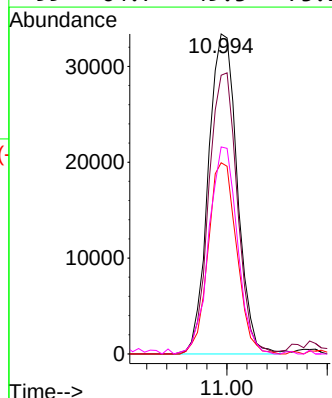
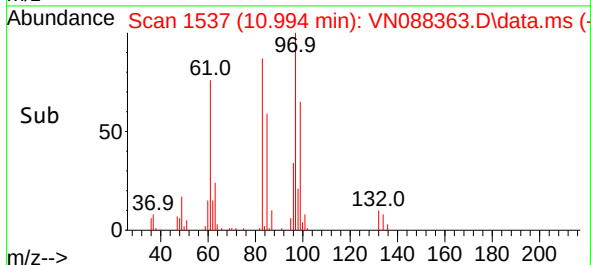
Reviewed By :John Carlone 12/01/2025
 Supervised By :Semsettin Yesilyurt 12/01/2025

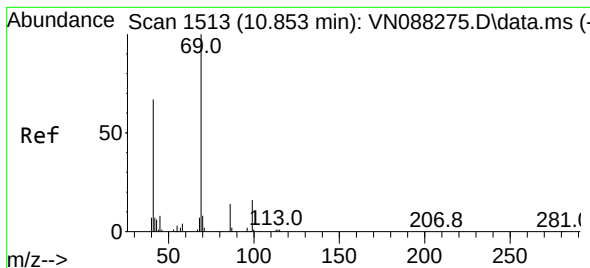


#50
 1,1,2-Trichloroethane
 Concen: 19.356 ug/l
 RT: 10.994 min Scan# 1537
 Delta R.T. 0.000 min
 Lab File: VN088363.D
 Acq: 26 Nov 2025 09:42



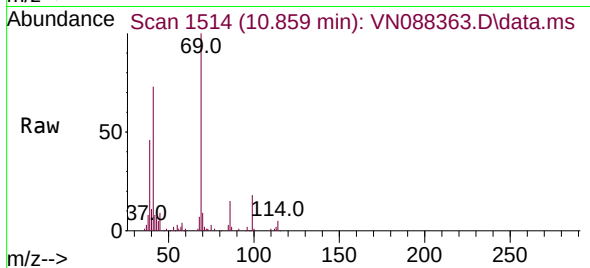
Tgt Ion: 97 Resp: 66888
 Ion Ratio Lower Upper
 97 100
 83 86.5 68.6 102.8
 85 59.8 49.0 73.6
 99 64.7 49.3 73.9





#51
Ethyl methacrylate
Concen: 17.717 ug/l
RT: 10.859 min Scan# 1514
Delta R.T. 0.006 min
Lab File: VN088363.D
Acq: 26 Nov 2025 09:42

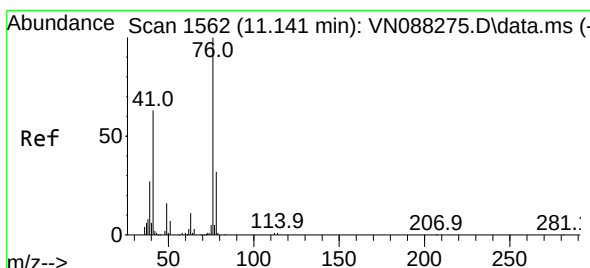
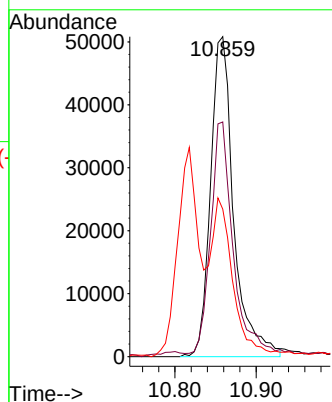
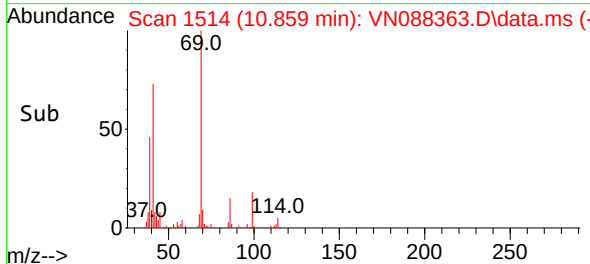
Instrument :
MSVOA_N
ClientSampleId :
VN1126WBS01



Tgt Ion: 69 Resp: 100728
Ion Ratio Lower Upper
69 100
41 72.2 33.6 100.8
39 44.7 23.4 70.2

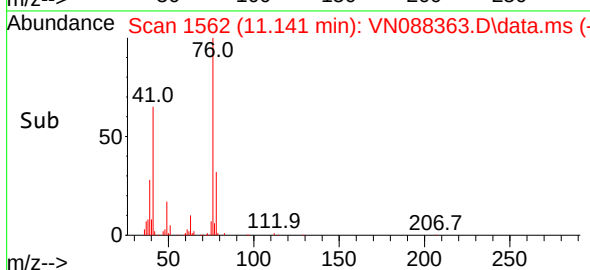
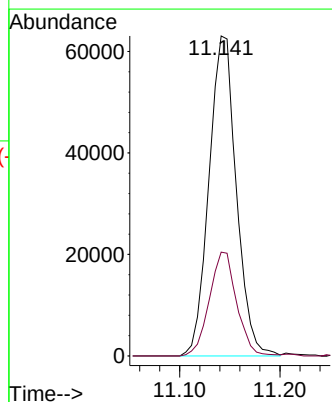
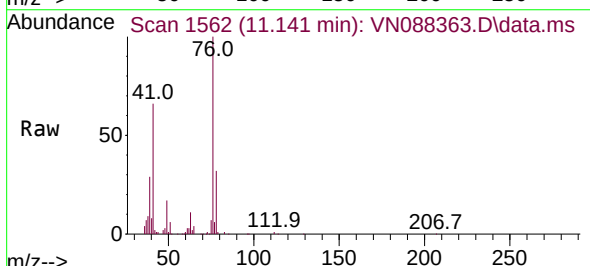
Manual Integrations
APPROVED

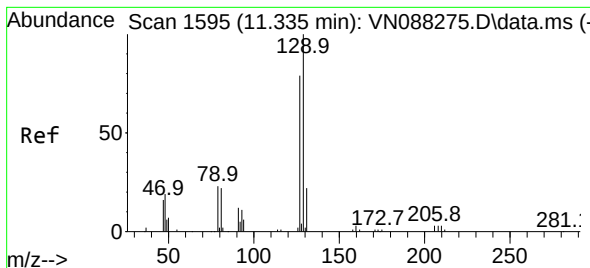
Reviewed By :John Carlone 12/01/2025
Supervised By :Semsettin Yesilyurt 12/01/2025



#52
1,3-Dichloropropane
Concen: 19.010 ug/l
RT: 11.141 min Scan# 1562
Delta R.T. 0.000 min
Lab File: VN088363.D
Acq: 26 Nov 2025 09:42

Tgt Ion: 76 Resp: 119638
Ion Ratio Lower Upper
76 100
78 32.3 0.0 64.2





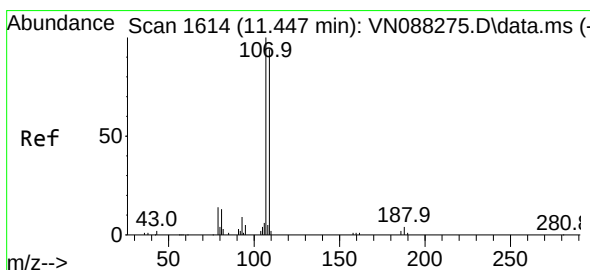
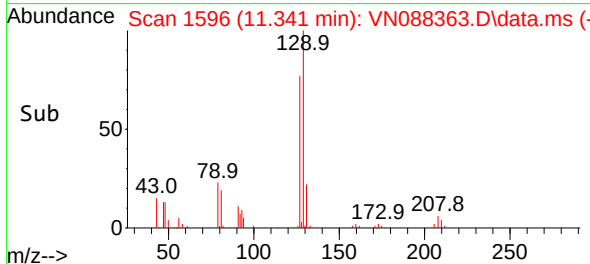
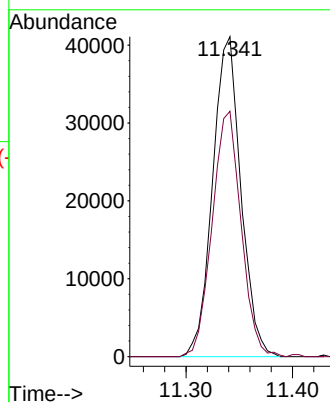
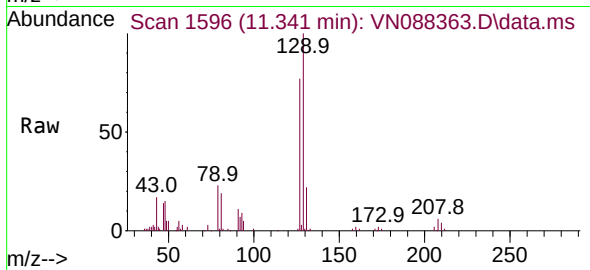
#53
Dibromochloromethane
Concen: 19.092 ug/l
RT: 11.341 min Scan# 1596
Delta R.T. 0.006 min
Lab File: VN088363.D
Acq: 26 Nov 2025 09:42

Instrument :
MSVOA_N
ClientSampleId :
VN1126WBS01

Tgt Ion:129 Resp: 75782
Ion Ratio Lower Upper
129 100
127 78.3 38.2 114.6

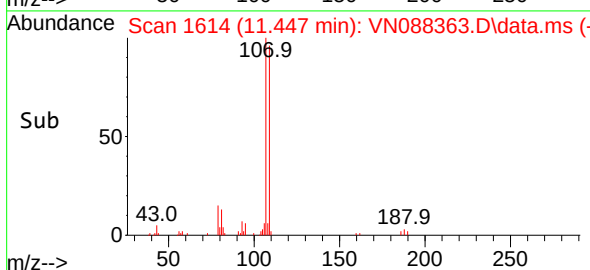
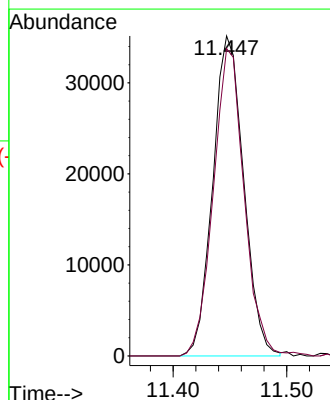
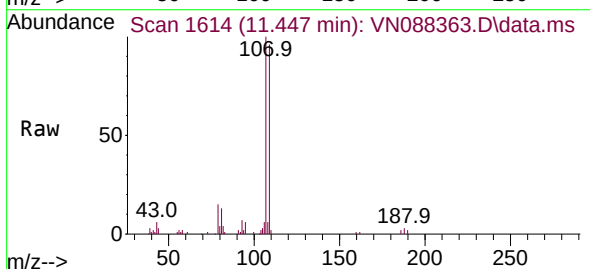
Manual Integrations
APPROVED

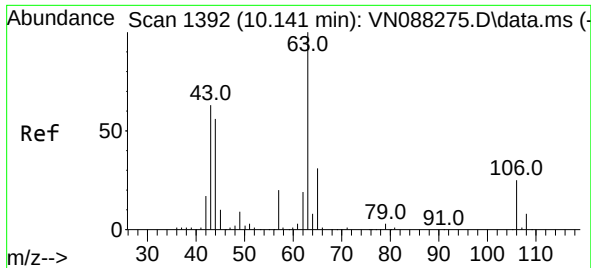
Reviewed By :John Carlone 12/01/2025
Supervised By :Semsettin Yesilyurt 12/01/2025



#54
1,2-Dibromoethane
Concen: 18.480 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VN088363.D
Acq: 26 Nov 2025 09:42

Tgt Ion:107 Resp: 66352
Ion Ratio Lower Upper
107 100
109 95.5 76.6 115.0





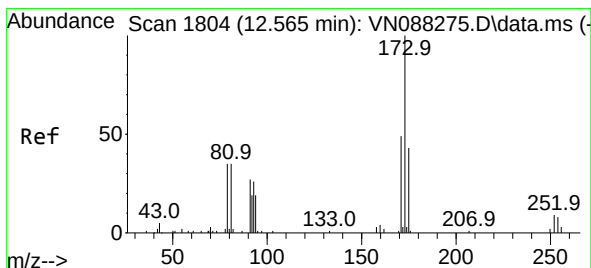
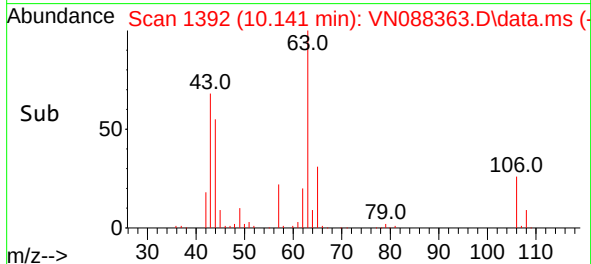
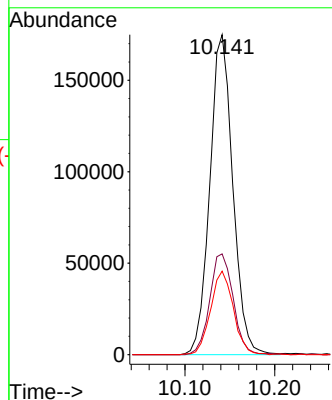
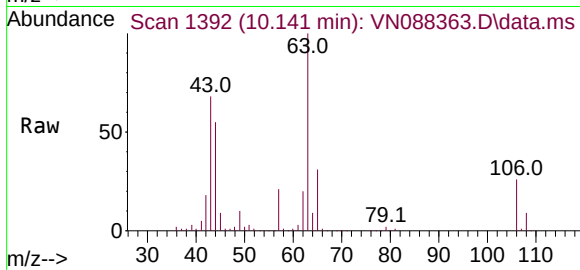
#55
2-Chloroethyl vinyl ether
Concen: 95.136 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VN088363.D
Acq: 26 Nov 2025 09:42

Instrument :
MSVOA_N
ClientSampleId :
VN1126WBS01

Tgt Ion: 63 Resp: 311576
Ion Ratio Lower Upper
63 100
65 32.0 24.9 37.3
106 25.8 20.3 30.5

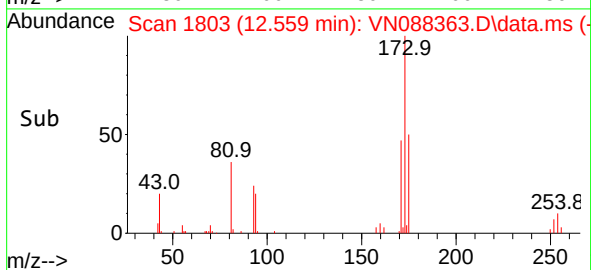
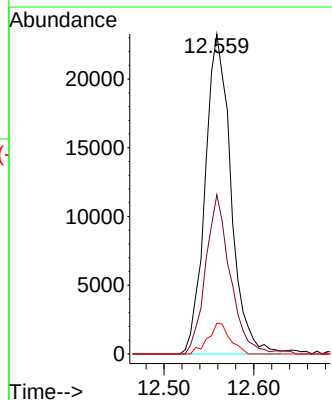
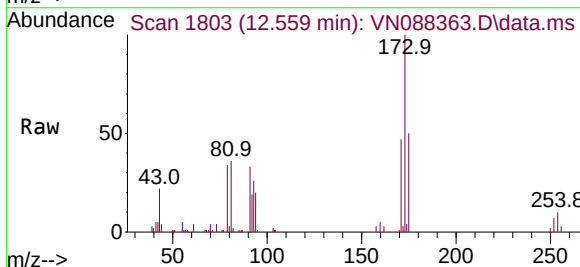
Manual Integrations
APPROVED

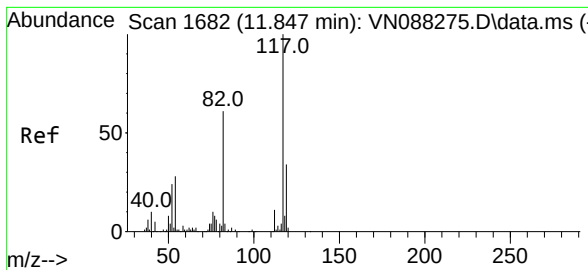
Reviewed By :John Carlone 12/01/2025
Supervised By :Semsettin Yesilyurt 12/01/2025



#56
Bromoform
Concen: 18.509 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. -0.006 min
Lab File: VN088363.D
Acq: 26 Nov 2025 09:42

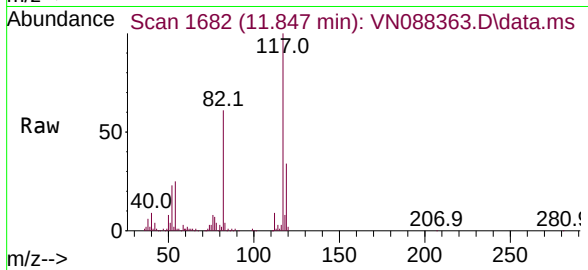
Tgt Ion:173 Resp: 46503
Ion Ratio Lower Upper
173 100
175 47.1 37.7 56.5
254 8.1 5.9 8.9





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.847 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN088363.D
Acq: 26 Nov 2025 09:42

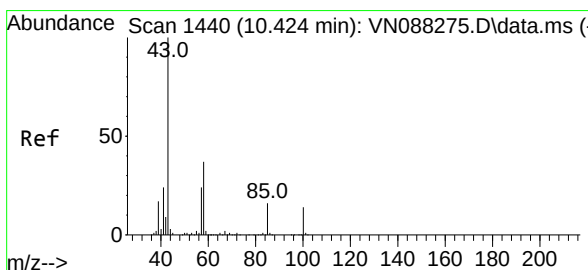
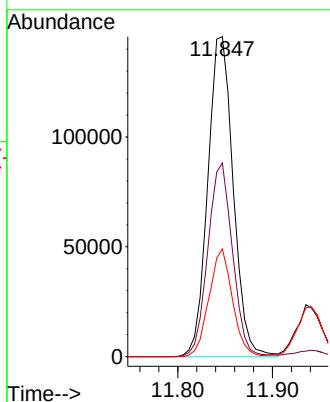
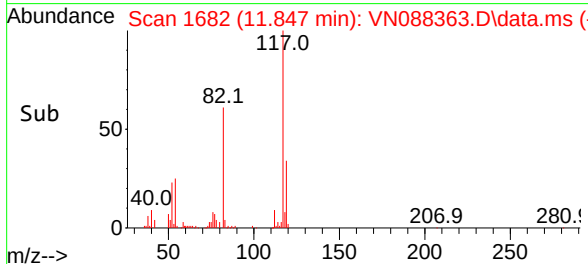
Instrument :
MSVOA_N
ClientSampleId :
VN1126WBS01



Tgt Ion: 117 Resp: 272302
Ion Ratio Lower Upper
117 100
82 58.6 49.3 73.9
119 31.0 26.4 39.6

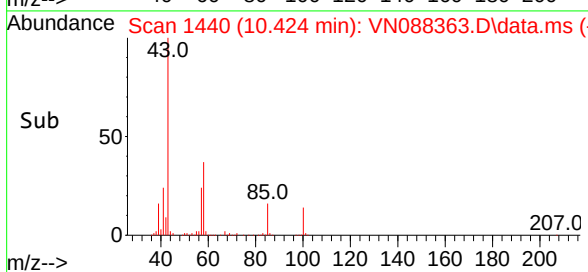
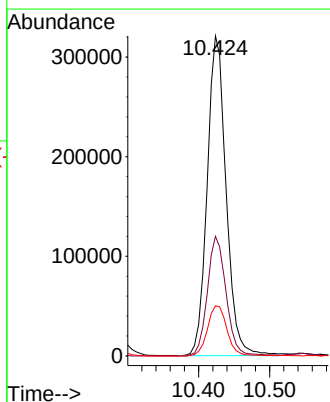
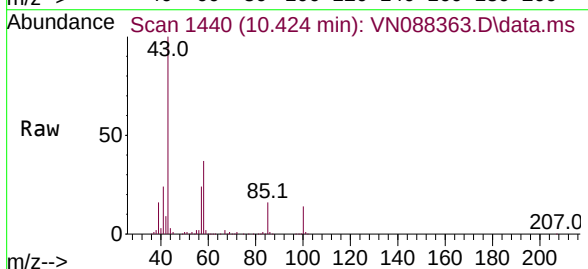
Manual Integrations
APPROVED

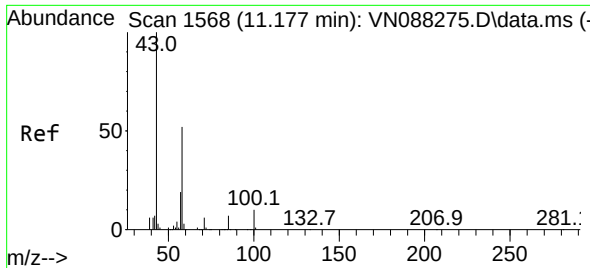
Reviewed By :John Carlone 12/01/2025
Supervised By :Semsettin Yesilyurt 12/01/2025



#58
4-Methyl-2-Pentanone
Concen: 96.567 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. 0.000 min
Lab File: VN088363.D
Acq: 26 Nov 2025 09:42

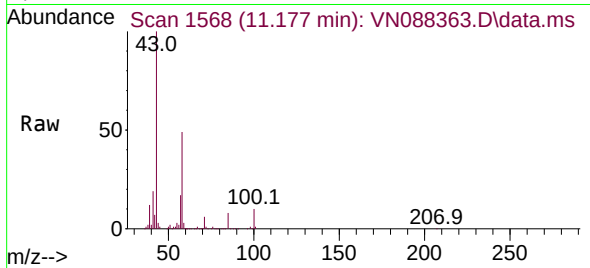
Tgt Ion: 43 Resp: 594736
Ion Ratio Lower Upper
43 100
58 36.8 29.2 43.8
85 16.0 12.6 19.0





#59
2-Hexanone
Concen: 88.974 ug/l
RT: 11.177 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VN088363.D
Acq: 26 Nov 2025 09:42

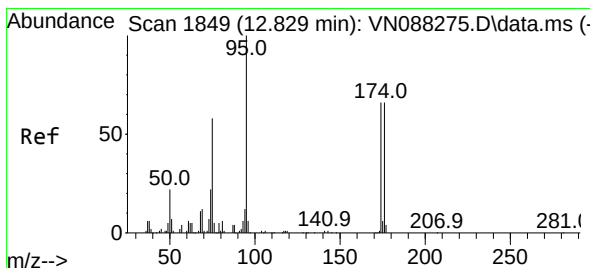
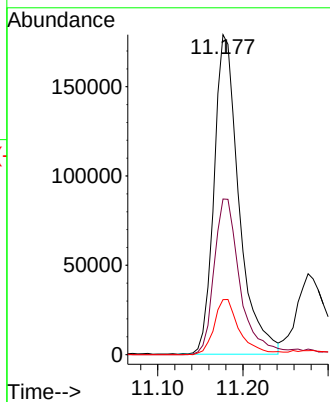
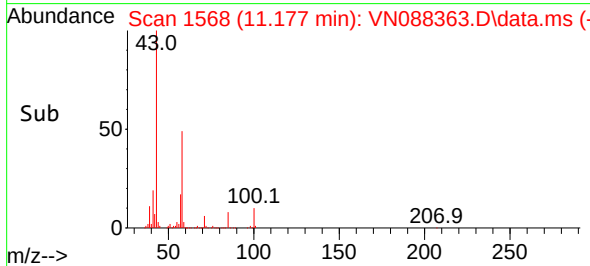
Instrument :
MSVOA_N
ClientSampleId :
VN1126WBS01



Tgt Ion: 43 Resp: 363870
Ion Ratio Lower Upper
43 100
58 50.6 41.0 61.4
57 17.4 14.4 21.6

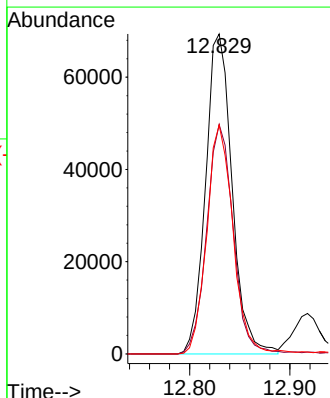
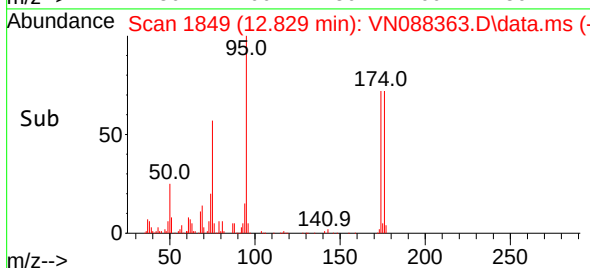
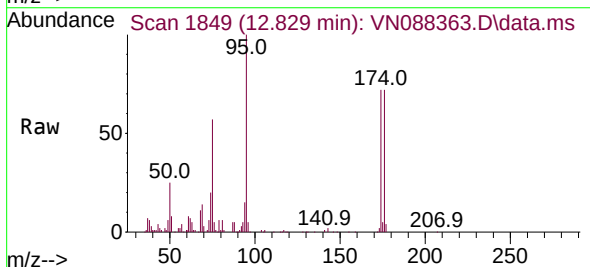
Manual Integrations
APPROVED

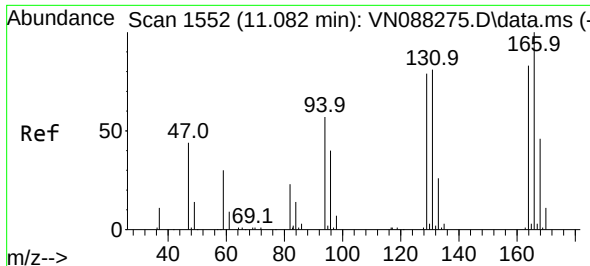
Reviewed By :John Carlone 12/01/2025
Supervised By :Semsettin Yesilyurt 12/01/2025



#60
4-Bromofluorobenzene
Concen: 27.716 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN088363.D
Acq: 26 Nov 2025 09:42

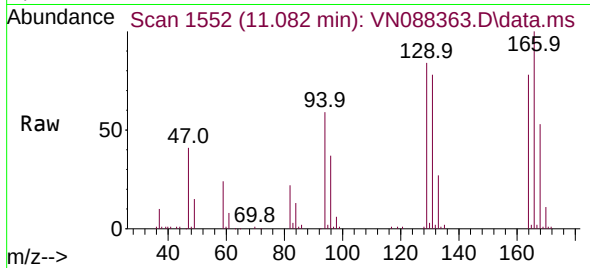
Tgt Ion: 95 Resp: 127582
Ion Ratio Lower Upper
95 100
174 71.7 54.5 81.7
176 70.3 53.8 80.6





#61
Tetrachloroethene
Concen: 23.938 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. 0.000 min
Lab File: VN088363.D
Acq: 26 Nov 2025 09:42

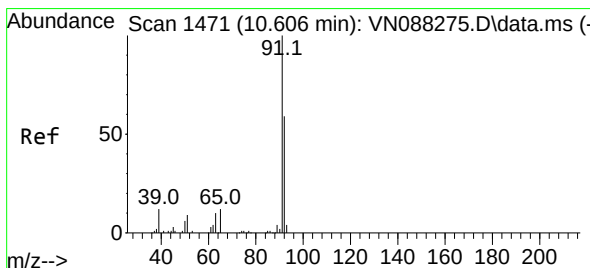
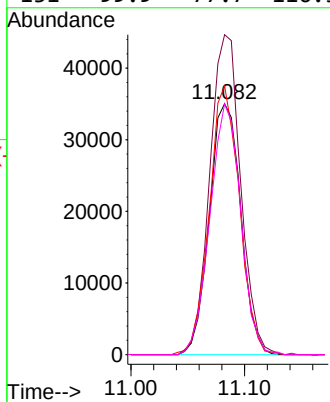
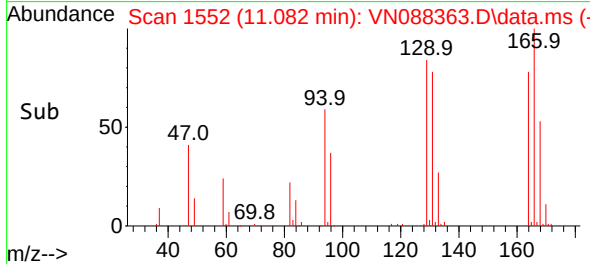
Instrument :
MSVOA_N
ClientSampleId :
VN1126WBS01



Tgt Ion:164 Resp: 67205
Ion Ratio Lower Upper
164 100
166 127.5 96.3 144.5
129 106.6 76.2 114.2
131 99.9 77.7 116.5

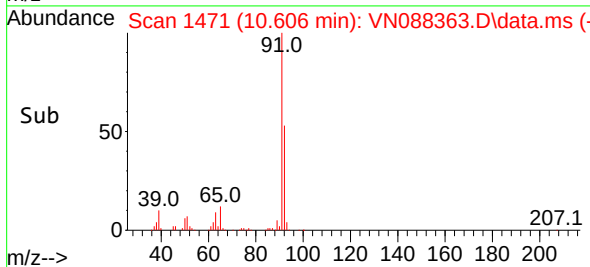
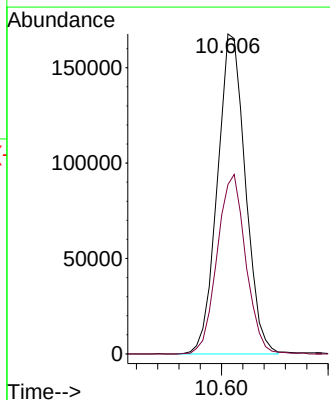
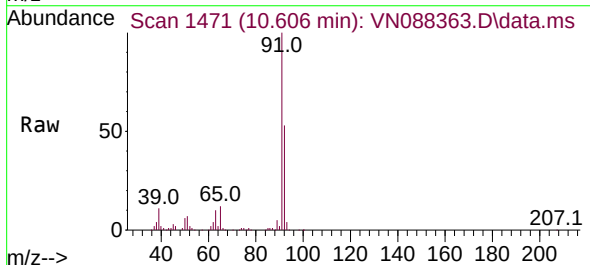
Manual Integrations
APPROVED

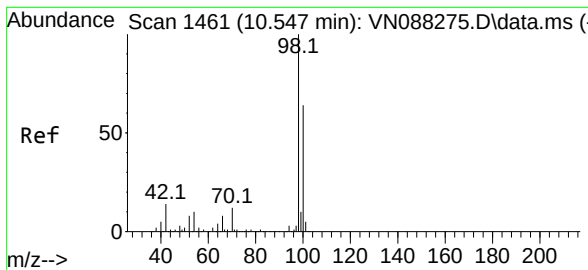
Reviewed By :John Carlone 12/01/2025
Supervised By :Semsettin Yesilyurt 12/01/2025



#62
Toluene
Concen: 19.602 ug/l
RT: 10.606 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VN088363.D
Acq: 26 Nov 2025 09:42

Tgt Ion: 91 Resp: 306313
Ion Ratio Lower Upper
91 100
92 56.9 46.7 70.1





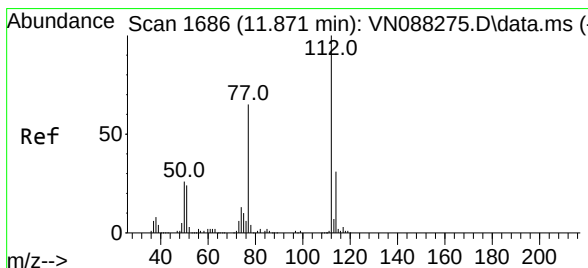
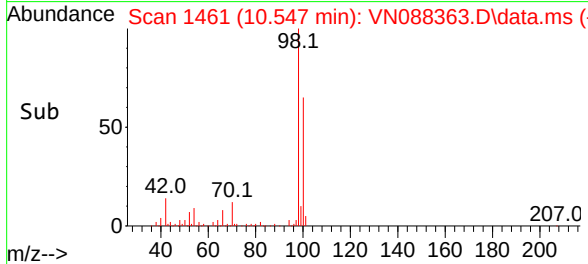
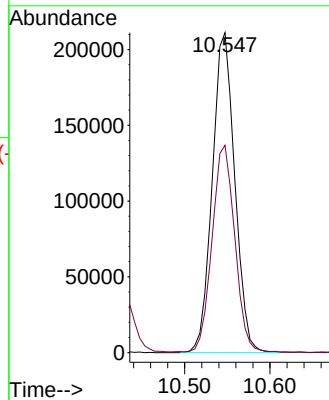
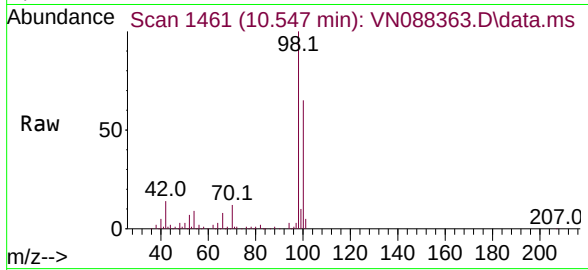
#63
Toluene-d8
Concen: 29.994 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VN088363.D
Acq: 26 Nov 2025 09:42

Instrument :
MSVOA_N
ClientSampleId :
VN1126WBS01

Tgt Ion: 98 Resp: 386682
Ion Ratio Lower Upper
98 100
100 65.5 51.6 77.4

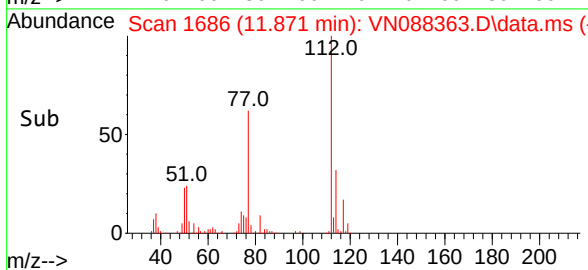
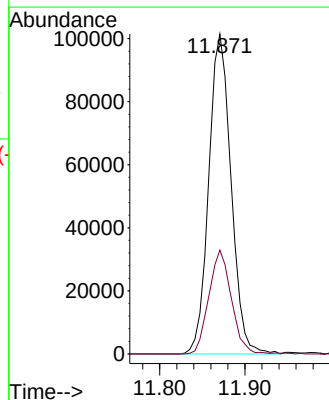
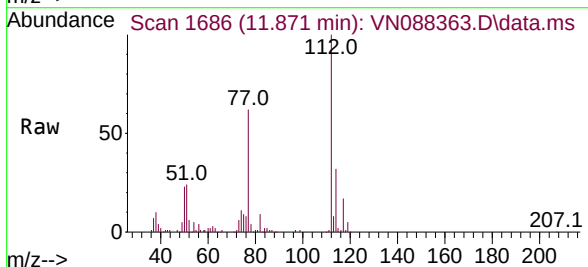
Manual Integrations
APPROVED

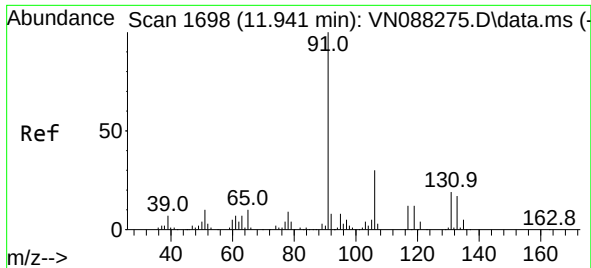
Reviewed By :John Carlone 12/01/2025
Supervised By :Semsettin Yesilyurt 12/01/2025



#64
Chlorobenzene
Concen: 19.066 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN088363.D
Acq: 26 Nov 2025 09:42

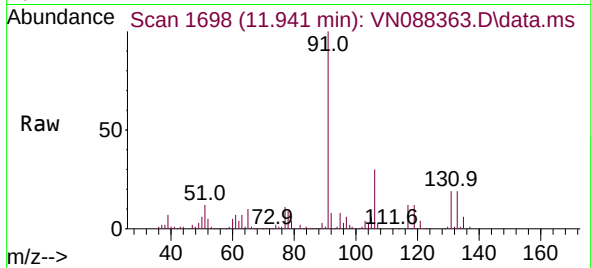
Tgt Ion:112 Resp: 184521
Ion Ratio Lower Upper
112 100
114 32.4 25.0 37.4





#65
1,1,1,2-Tetrachloroethane
Concen: 19.284 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN088363.D
Acq: 26 Nov 2025 09:42

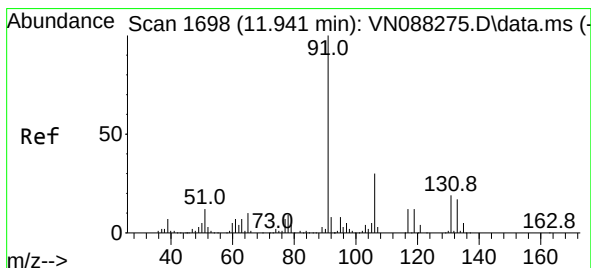
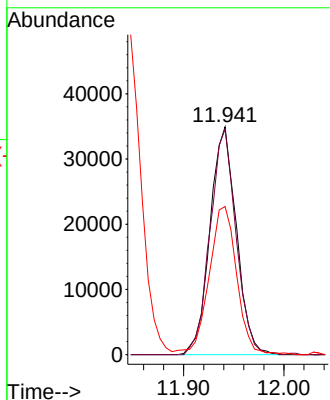
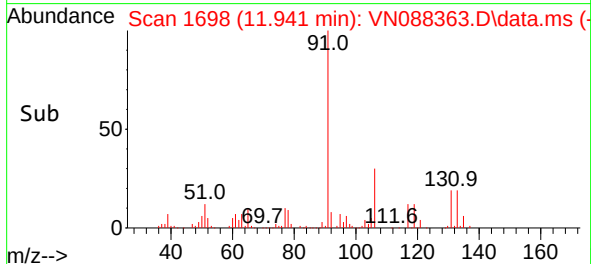
Instrument :
MSVOA_N
ClientSampleId :
VN1126WBS01



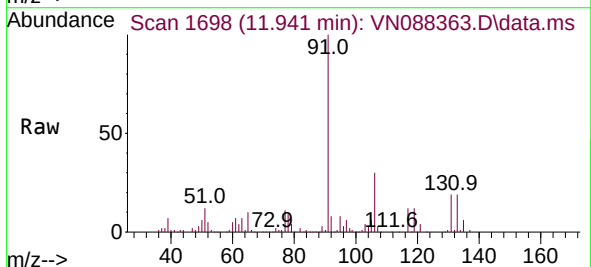
Tgt Ion:131 Resp: 63878
Ion Ratio Lower Upper
131 100
133 97.2 0.0 181.4
119 67.5 0.0 135.0

Manual Integrations
APPROVED

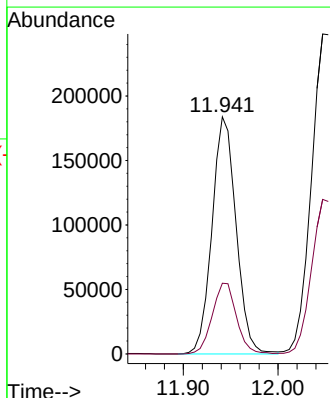
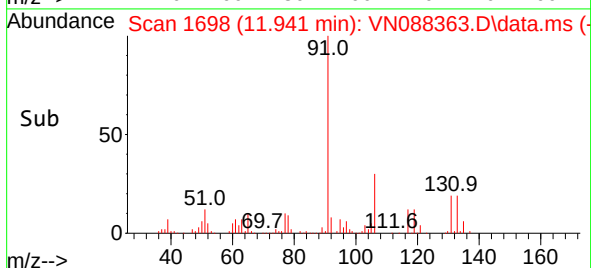
Reviewed By :John Carbone 12/01/2025
Supervised By :Semsettin Yesilyurt 12/01/2025

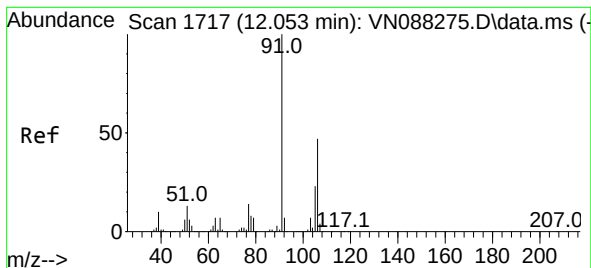


#66
Ethyl Benzene
Concen: 18.829 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN088363.D
Acq: 26 Nov 2025 09:42



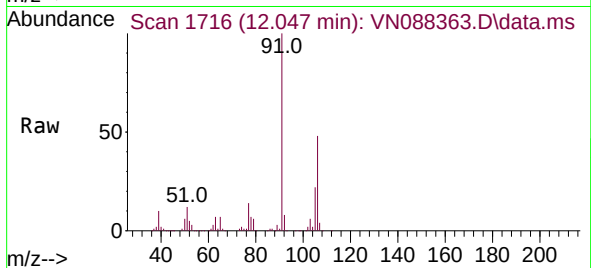
Tgt Ion: 91 Resp: 324281
Ion Ratio Lower Upper
91 100
106 29.8 24.4 36.6





#67
m/p-Xylenes
Concen: 38.156 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. -0.006 min
Lab File: VN088363.D
Acq: 26 Nov 2025 09:42

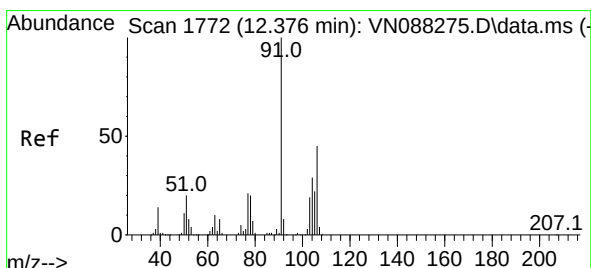
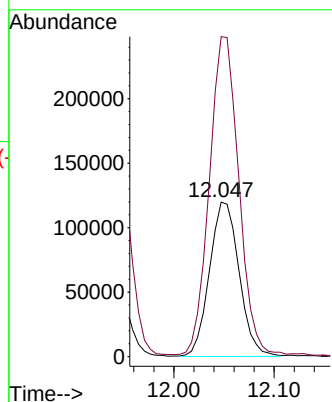
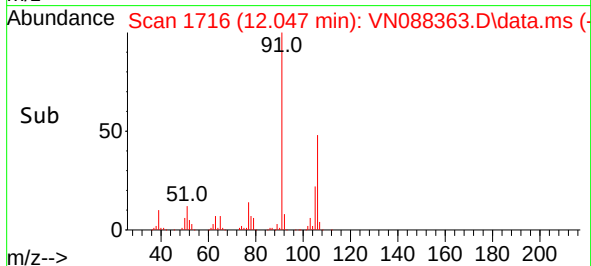
Instrument :
MSVOA_N
ClientSampleId :
VN1126WBS01



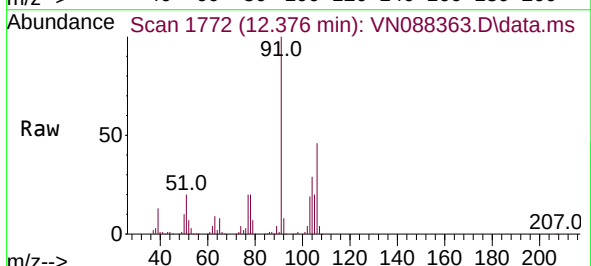
Tgt Ion:106 Resp: 24574
Ion Ratio Lower Upper
106 100
91 206.3 168.3 252.5

Manual Integrations
APPROVED

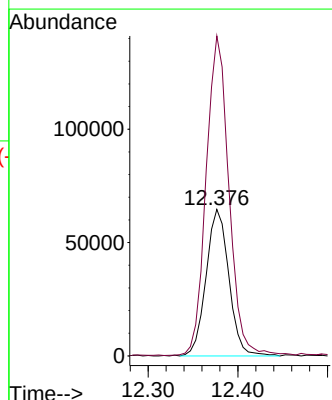
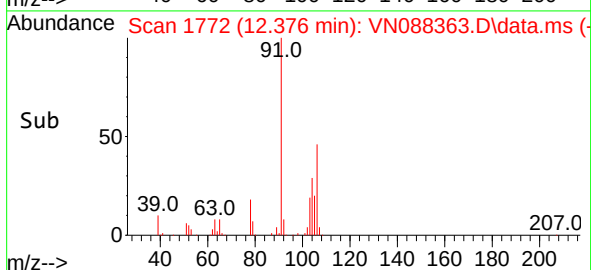
Reviewed By :John Carlone 12/01/2025
Supervised By :Semsettin Yesilyurt 12/01/2025

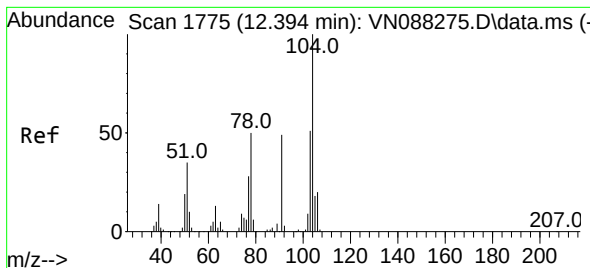


#68
o-Xylene
Concen: 18.790 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VN088363.D
Acq: 26 Nov 2025 09:42



Tgt Ion:106 Resp: 114162
Ion Ratio Lower Upper
106 100
91 217.8 114.0 342.0





#69

Styrene

Concen: 18.338 ug/l

RT: 12.394 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VN088363.D

Acq: 26 Nov 2025 09:42

Instrument :

MSVOA_N

ClientSampleId :

VN1126WBS01

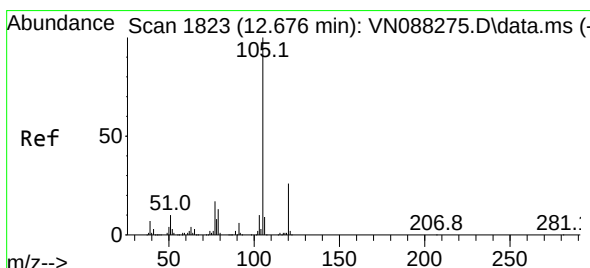
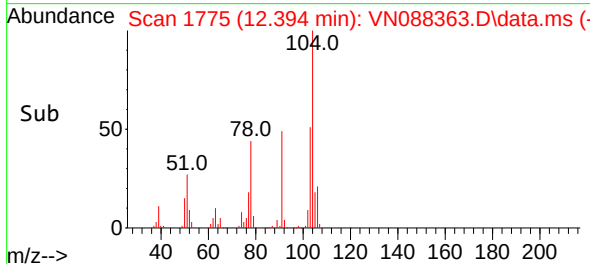
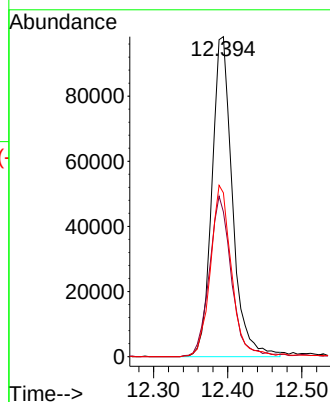
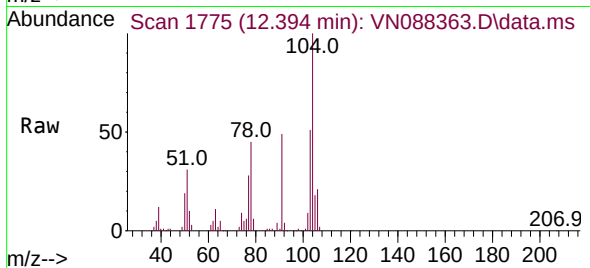
Tgt Ion:	104	Resp:	18923
Ion Ratio	Lower	Upper	
104	100		
78	54.0	43.8	65.8
103	54.6	44.8	67.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/01/2025

Supervised By :Semsettin Yesilyurt 12/01/2025



#70

Isopropylbenzene

Concen: 18.846 ug/l

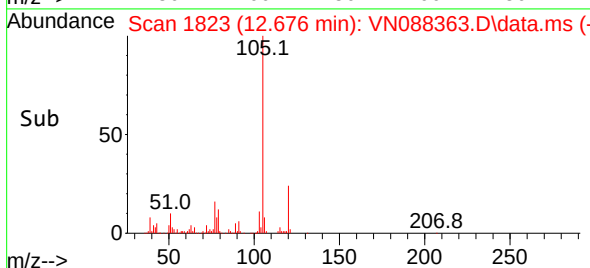
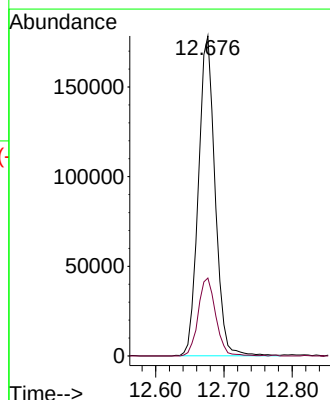
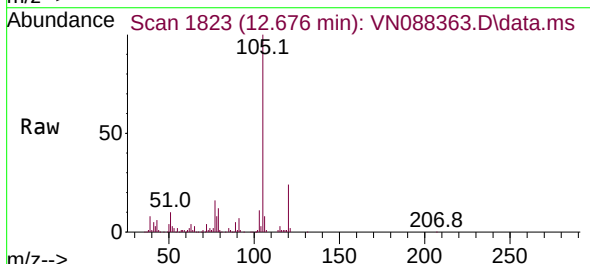
RT: 12.676 min Scan# 1823

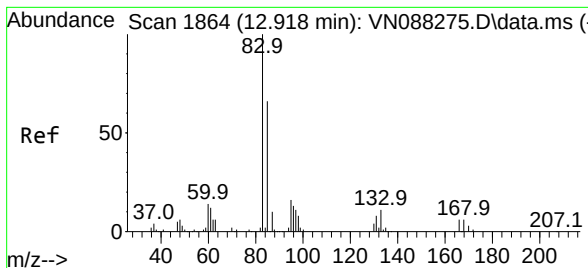
Delta R.T. 0.000 min

Lab File: VN088363.D

Acq: 26 Nov 2025 09:42

Tgt Ion:	105	Resp:	303454
Ion Ratio	Lower	Upper	
105	100		
120	25.5	18.2	33.8





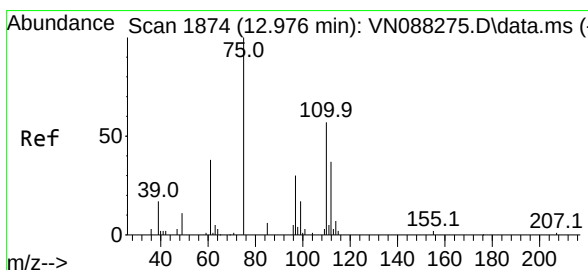
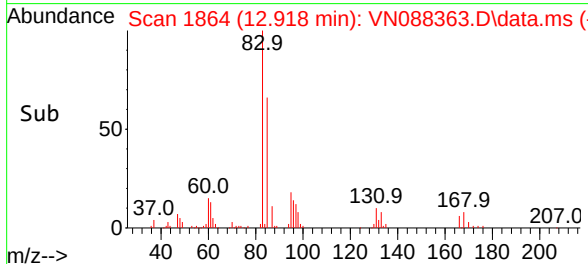
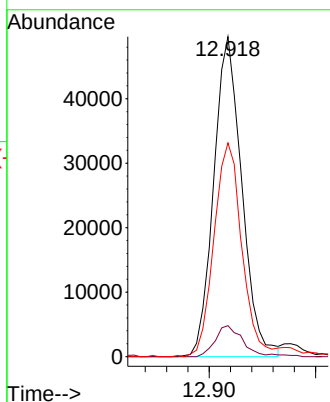
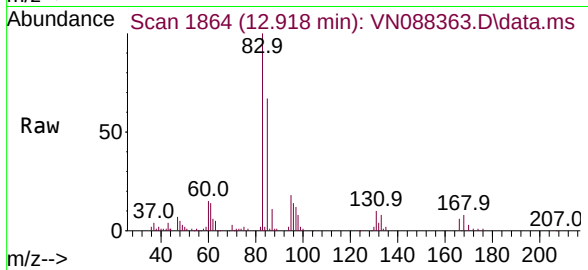
#71
1,1,2,2-Tetrachloroethane
Concen: 17.449 ug/l
RT: 12.918 min Scan# 1864
Delta R.T. 0.000 min
Lab File: VN088363.D
Acq: 26 Nov 2025 09:42

Instrument :
MSVOA_N
ClientSampleId :
VN1126WBS01

Tgt Ion: 83 Resp: 9100
Ion Ratio Lower Upper
83 100
131 9.2 4.3 12.9
85 65.9 32.4 97.2

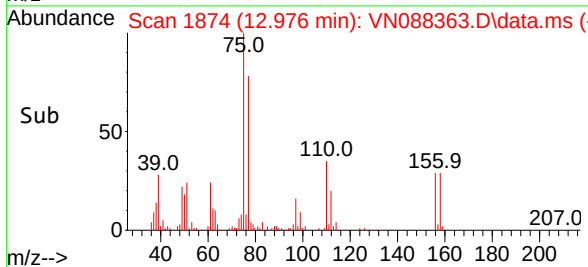
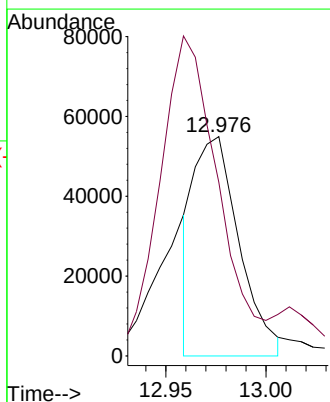
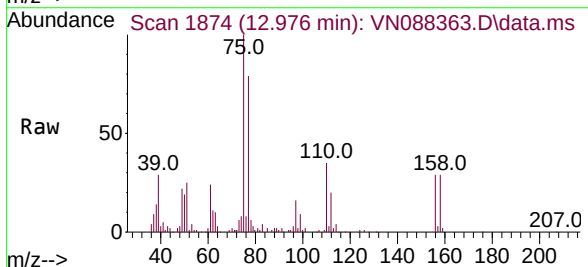
Manual Integrations
APPROVED

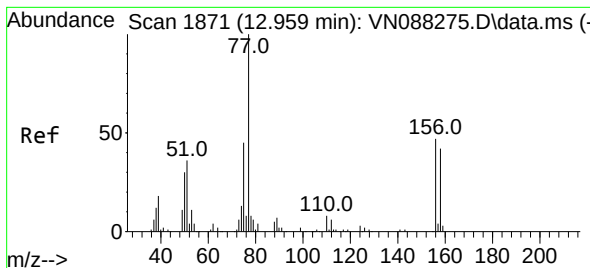
Reviewed By :John Carlone 12/01/2025
Supervised By :Semsettin Yesilyurt 12/01/2025



#72
1,2,3-Trichloropropane
Concen: 17.091 ug/l m
RT: 12.976 min Scan# 1874
Delta R.T. 0.000 min
Lab File: VN088363.D
Acq: 26 Nov 2025 09:42

Tgt Ion: 75 Resp: 86357
Ion Ratio Lower Upper
75 100
77 189.1 0.0 386.6





#73

Bromobenzene

Concen: 18.823 ug/l

RT: 12.959 min Scan# 1871

Delta R.T. 0.000 min

Lab File: VN088363.D

Acq: 26 Nov 2025 09:42

Instrument :

MSVOA_N

ClientSampleId :

VN1126WBS01

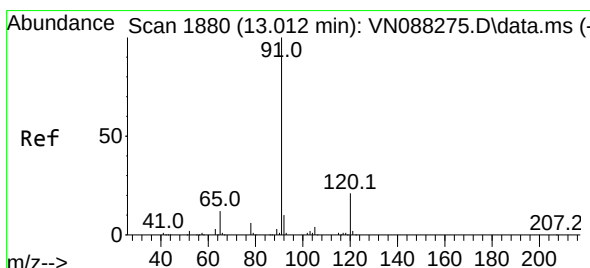
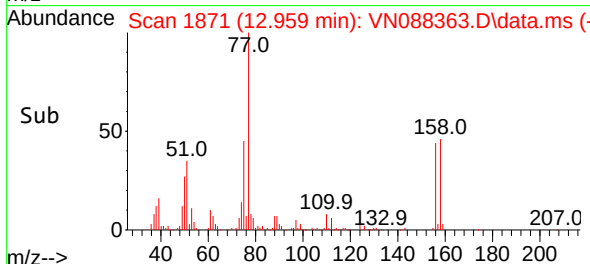
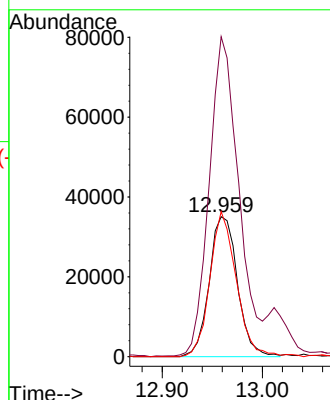
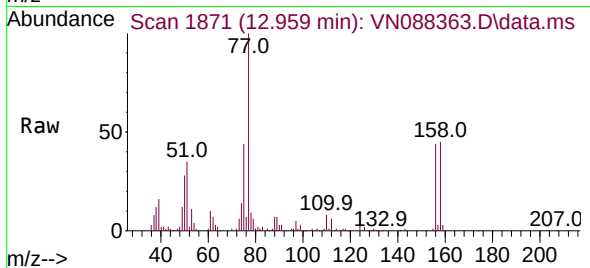
Tgt Ion:	156	Resp:	68423
Ion Ratio	Lower	Upper	
156	100		
77	238.7	0.0	493.4
158	96.6	0.0	193.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/01/2025

Supervised By :Semsettin Yesilyurt 12/01/2025



#74

n-propylbenzene

Concen: 19.091 ug/l

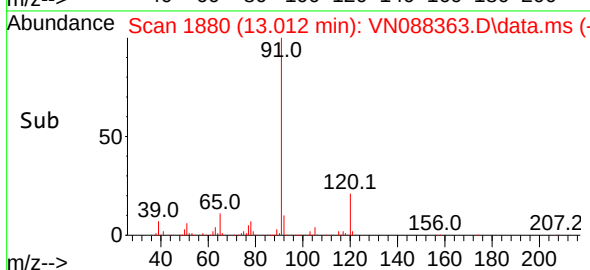
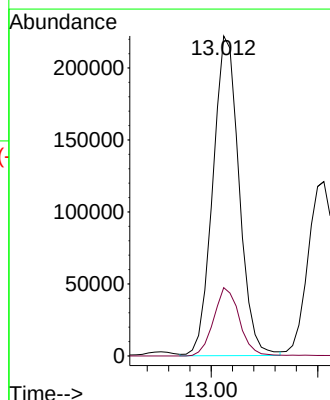
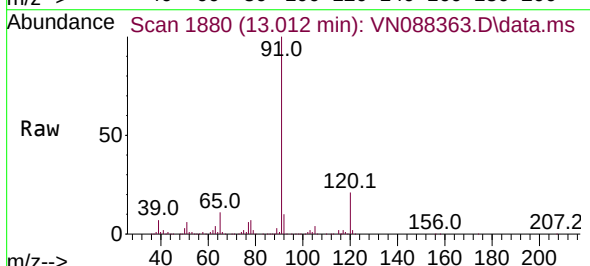
RT: 13.012 min Scan# 1880

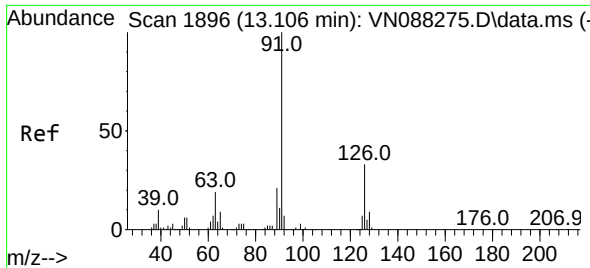
Delta R.T. 0.000 min

Lab File: VN088363.D

Acq: 26 Nov 2025 09:42

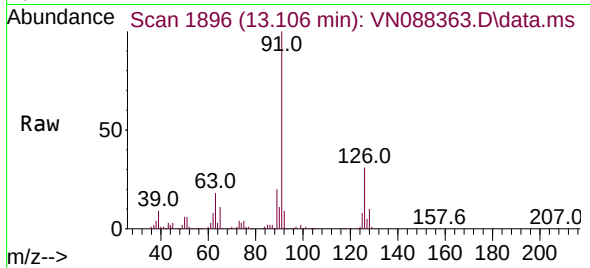
Tgt Ion:	91	Resp:	380417
Ion Ratio	Lower	Upper	
91	100		
120	20.9	0.0	43.2





#75
2-Chlorotoluene
Concen: 18.308 ug/l
RT: 13.106 min Scan# 1896
Delta R.T. 0.000 min
Lab File: VN088363.D
Acq: 26 Nov 2025 09:42

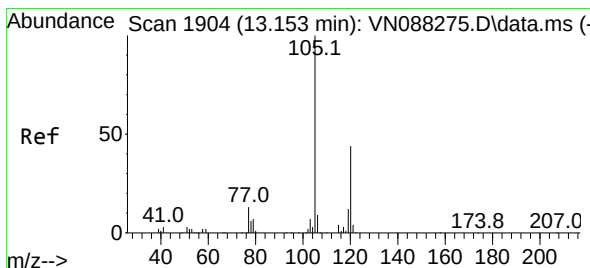
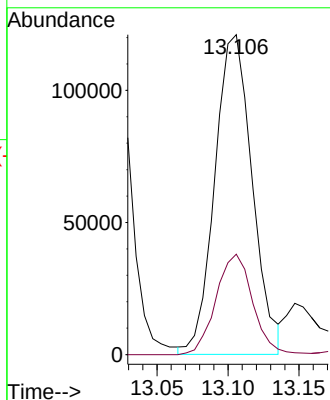
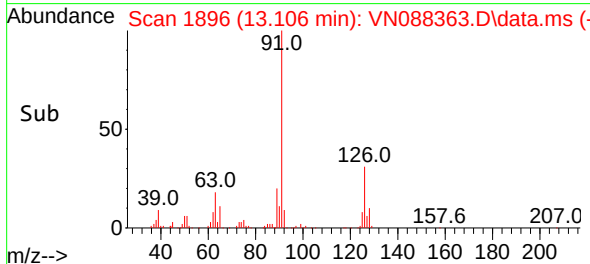
Instrument :
MSVOA_N
ClientSampleId :
VN1126WBS01



Tgt Ion: 91 Resp: 221828
Ion Ratio Lower Upper
91 100
126 30.9 0.0 62.0

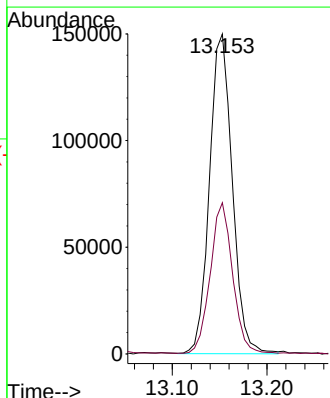
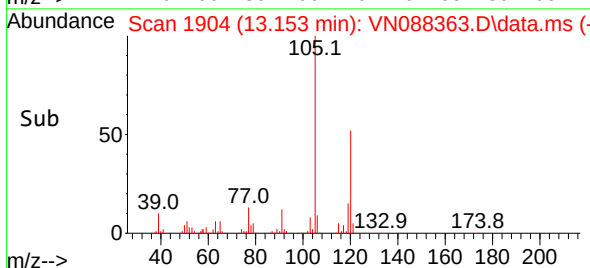
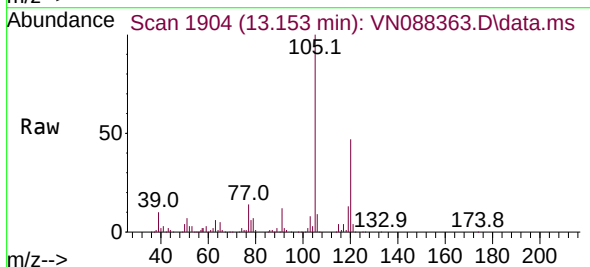
Manual Integrations
APPROVED

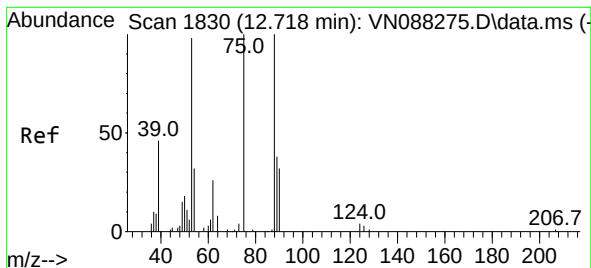
Reviewed By :John Carlone 12/01/2025
Supervised By :Semsettin Yesilyurt 12/01/2025



#76
1,3,5-Trimethylbenzene
Concen: 18.545 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VN088363.D
Acq: 26 Nov 2025 09:42

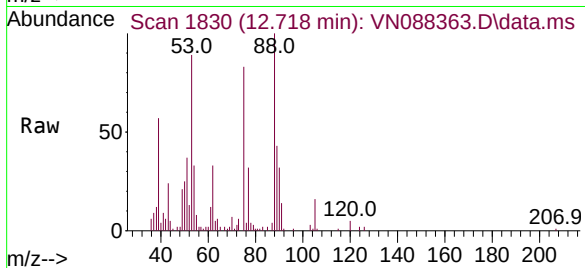
Tgt Ion:105 Resp: 250647
Ion Ratio Lower Upper
105 100
120 46.2 0.0 94.6





#77
t-1,4-Dichloro-2-butene
Concen: 17.057 ug/l
RT: 12.718 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN088363.D
Acq: 26 Nov 2025 09:42

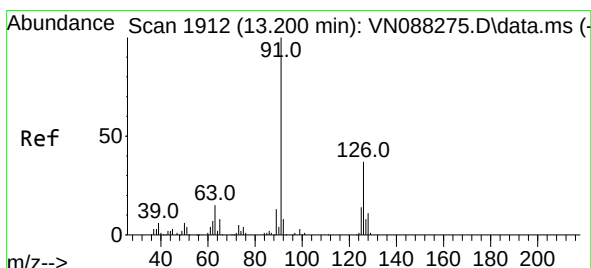
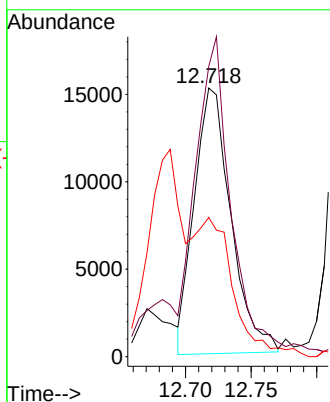
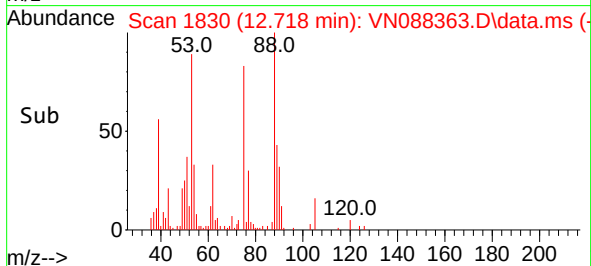
Instrument :
MSVOA_N
ClientSampleId :
VN1126WBS01



Tgt Ion: 75 Resp: 2959
Ion Ratio Lower Upper
75 100
53 105.6 50.0 150.0
89 49.9 22.3 66.9

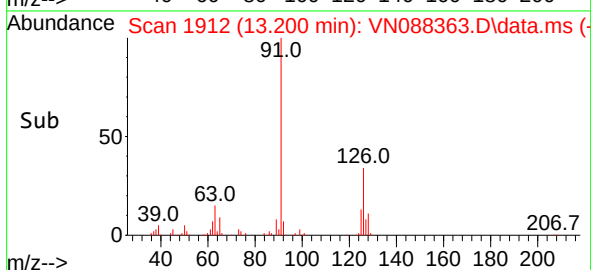
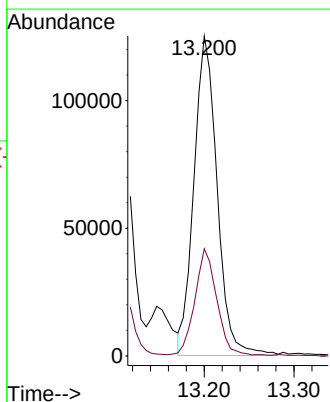
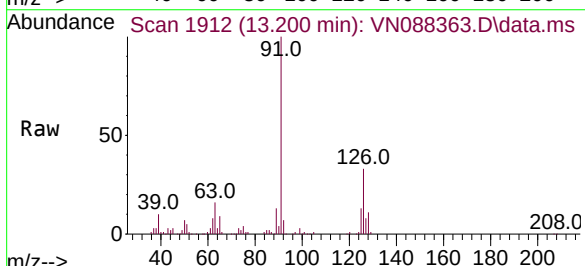
Manual Integrations
APPROVED

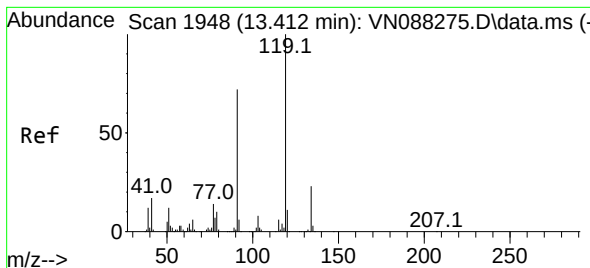
Reviewed By :John Carlone 12/01/2025
Supervised By :Semsettin Yesilyurt 12/01/2025



#78
4-Chlorotoluene
Concen: 18.311 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VN088363.D
Acq: 26 Nov 2025 09:42

Tgt Ion: 91 Resp: 224829
Ion Ratio Lower Upper
91 100
126 31.8 0.0 60.8





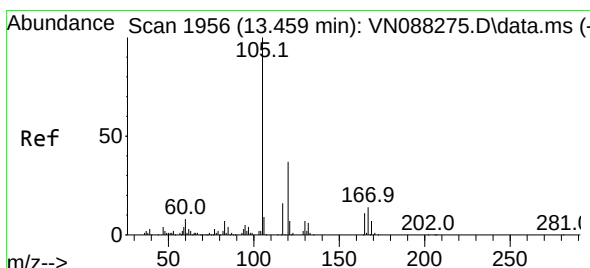
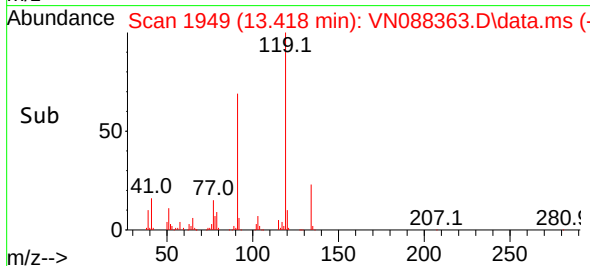
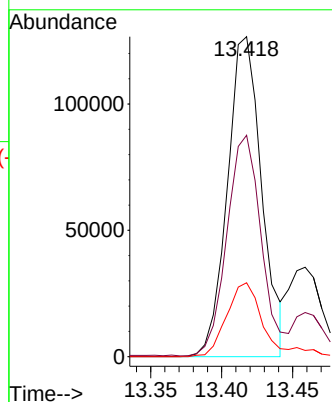
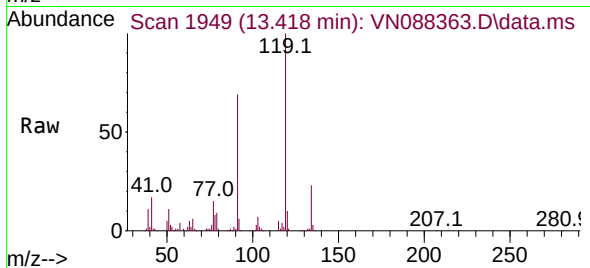
#79
tert-butylbenzene
Concen: 18.383 ug/l
RT: 13.418 min Scan# 1948
Delta R.T. 0.006 min
Lab File: VN088363.D
Acq: 26 Nov 2025 09:42

Instrument :
MSVOA_N
ClientSampleId :
VN1126WBS01

Tgt Ion:119 Resp: 212723
Ion Ratio Lower Upper
119 100
91 69.7 0.0 140.8
134 23.3 0.0 48.4

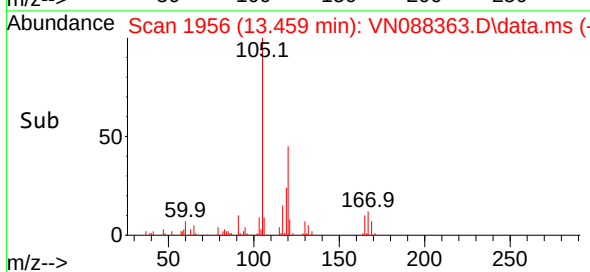
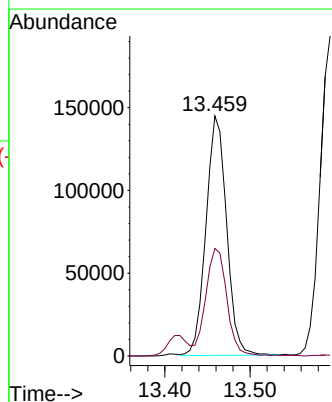
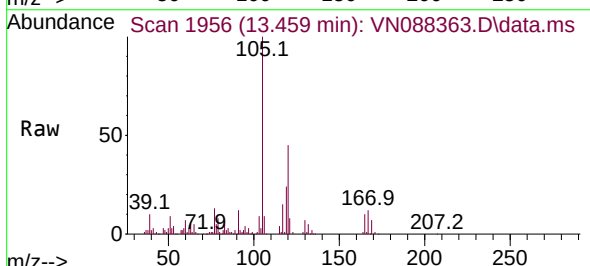
Manual Integrations
APPROVED

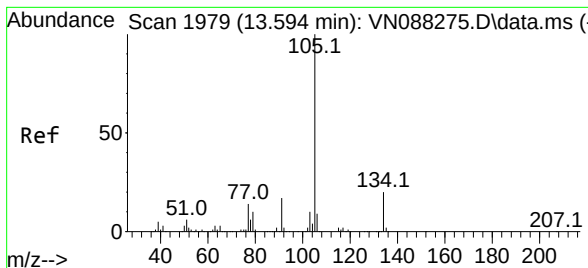
Reviewed By :John Carbone 12/01/2025
Supervised By :Semsettin Yesilyurt 12/01/2025



#80
1,2,4-Trimethylbenzene
Concen: 18.108 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN088363.D
Acq: 26 Nov 2025 09:42

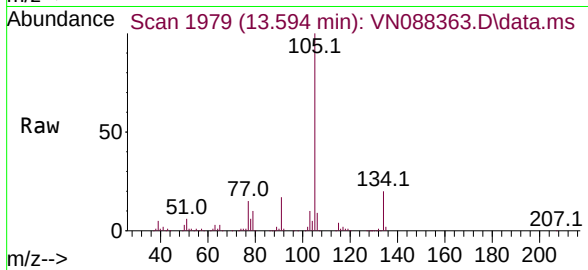
Tgt Ion:105 Resp: 243363
Ion Ratio Lower Upper
105 100
120 45.7 0.0 89.2





#81
 sec-Butylbenzene
 Concen: 18.440 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VN088363.D
 Acq: 26 Nov 2025 09:42

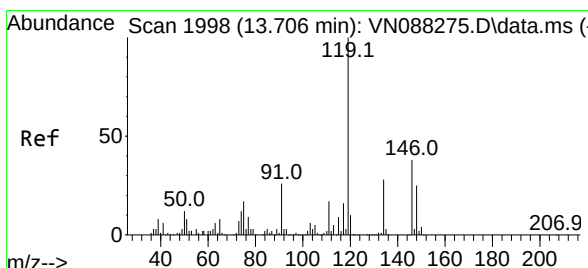
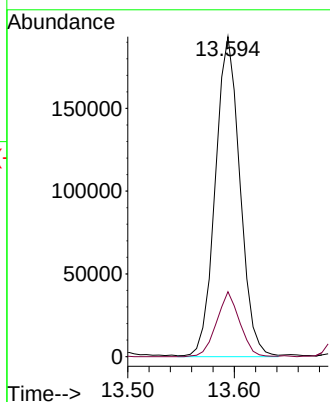
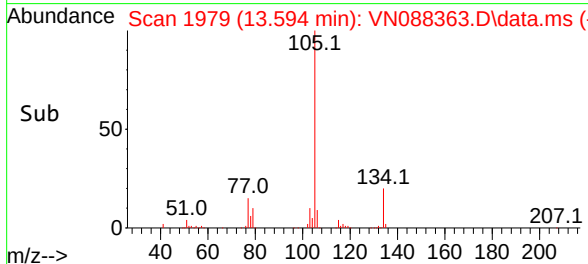
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1126WBS01



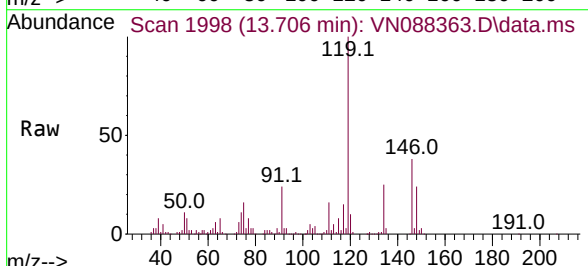
Tgt Ion:105 Resp: 311218
 Ion Ratio Lower Upper
 105 100
 134 18.9 0.0 38.4

Manual Integrations
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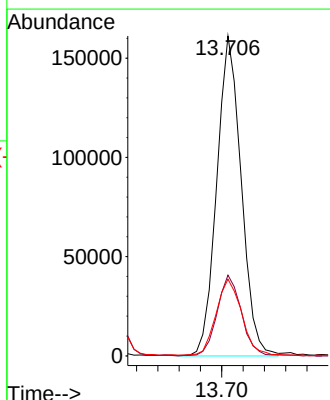
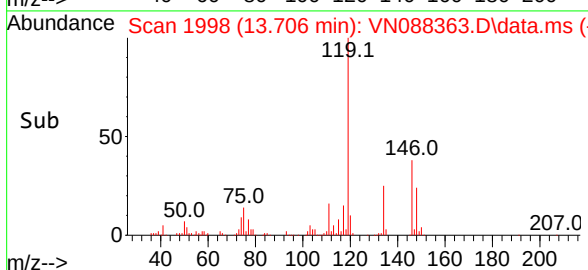
Reviewed By :John Carlone 12/01/2025
 Supervised By :Semsettin Yesilyurt 12/01/2025

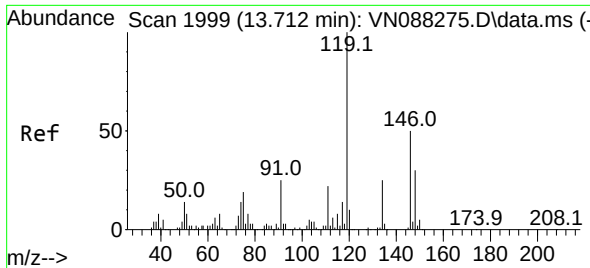


#82
 p-Isopropyltoluene
 Concen: 18.468 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. 0.000 min
 Lab File: VN088363.D
 Acq: 26 Nov 2025 09:42



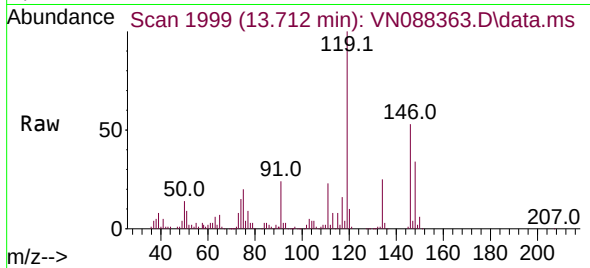
Tgt Ion:119 Resp: 257559
 Ion Ratio Lower Upper
 119 100
 134 24.8 0.0 51.2
 91 25.1 0.0 53.4





#83
1,3-Dichlorobenzene
Concen: 18.680 ug/l
RT: 13.712 min Scan# 1999
Delta R.T. 0.000 min
Lab File: VN088363.D
Acq: 26 Nov 2025 09:42

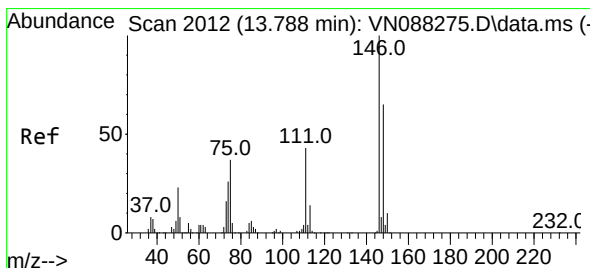
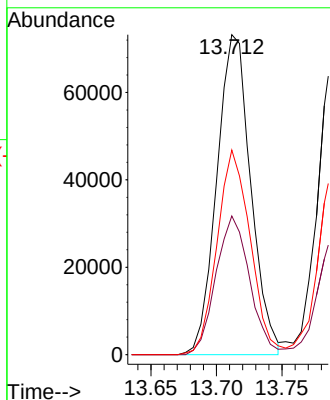
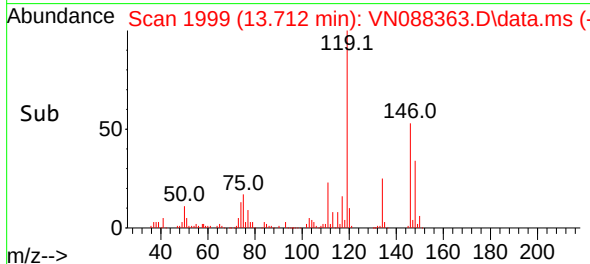
Instrument :
MSVOA_N
ClientSampleId :
VN1126WBS01



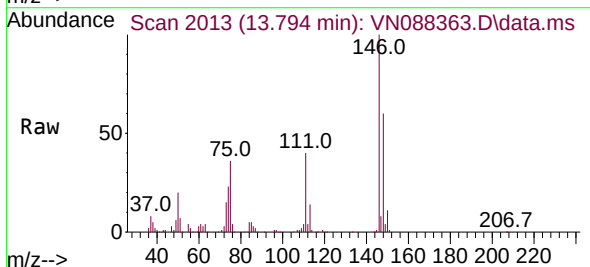
Tgt Ion:146 Resp: 131927
Ion Ratio Lower Upper
146 100
111 43.0 22.1 66.5
148 62.8 31.4 94.3

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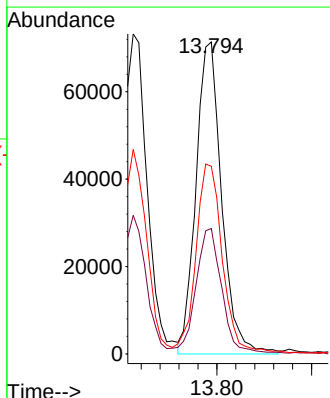
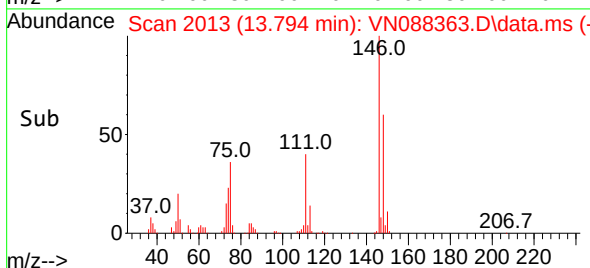
Reviewed By :John Carlone 12/01/2025
Supervised By :Semsettin Yesilyurt 12/01/2025

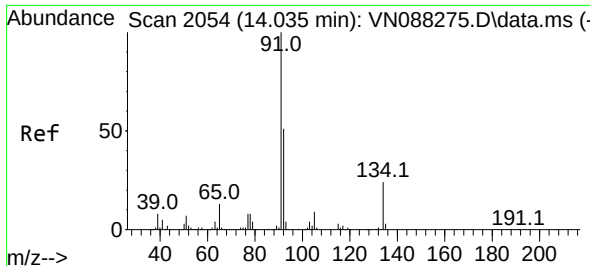


#84
1,4-Dichlorobenzene
Concen: 18.837 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.006 min
Lab File: VN088363.D
Acq: 26 Nov 2025 09:42



Tgt Ion:146 Resp: 134726
Ion Ratio Lower Upper
146 100
111 40.6 21.8 65.3
148 63.2 31.9 95.5





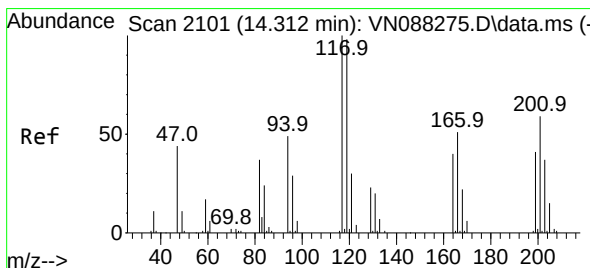
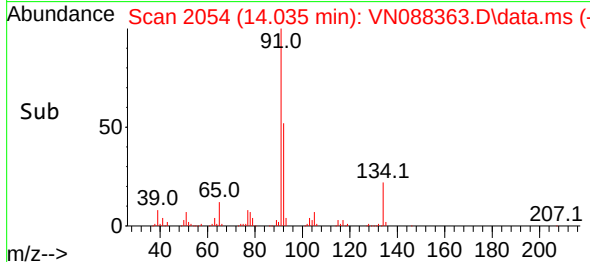
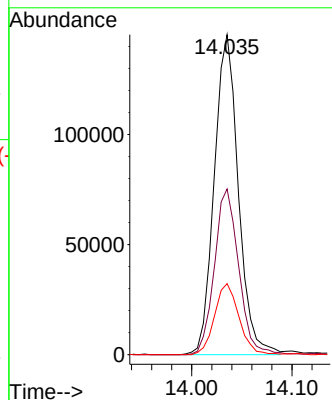
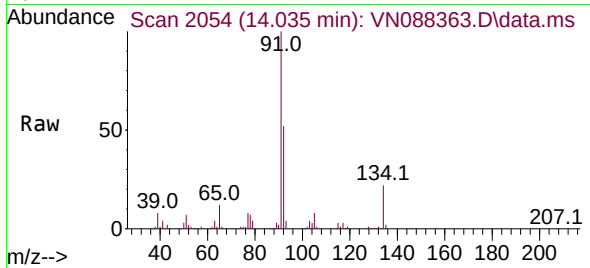
#85
n-Butylbenzene
Concen: 18.259 ug/l
RT: 14.035 min Scan# 2054
Delta R.T. 0.000 min
Lab File: VN088363.D
Acq: 26 Nov 2025 09:42

Instrument :
MSVOA_N
ClientSampleId :
VN1126WBS01

Tgt Ion: 91 Resp: 242689
Ion Ratio Lower Upper
91 100
92 52.1 0.0 102.4
134 22.4 0.0 45.8

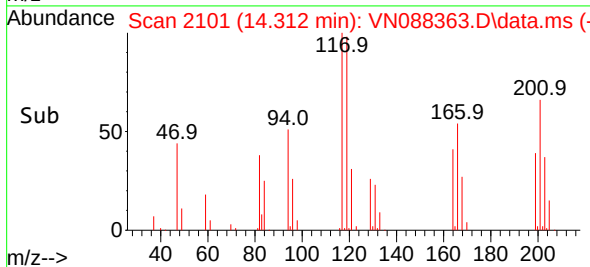
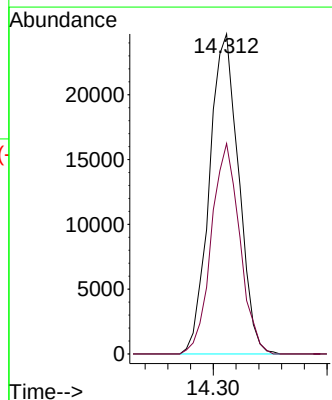
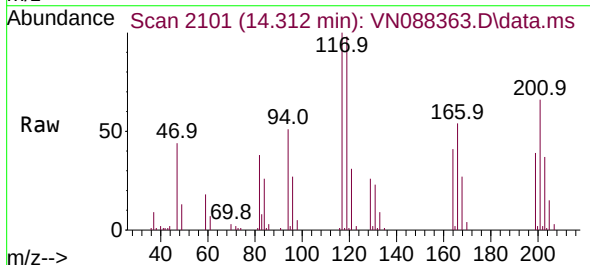
Manual Integrations
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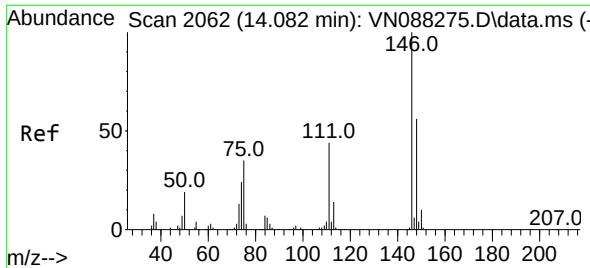
Reviewed By :John Carbone 12/01/2025
Supervised By :Semsettin Yesilyurt 12/01/2025



#86
Hexachloroethane
Concen: 16.523 ug/l
RT: 14.312 min Scan# 2101
Delta R.T. 0.000 min
Lab File: VN088363.D
Acq: 26 Nov 2025 09:42

Tgt Ion:117 Resp: 44121
Ion Ratio Lower Upper
117 100
201 63.8 30.6 92.0





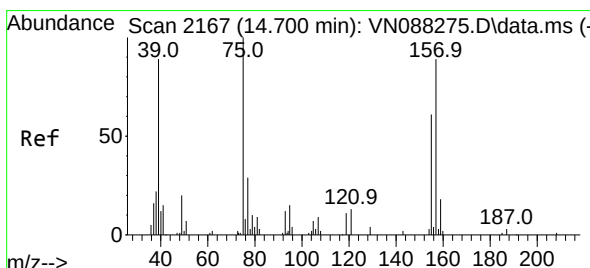
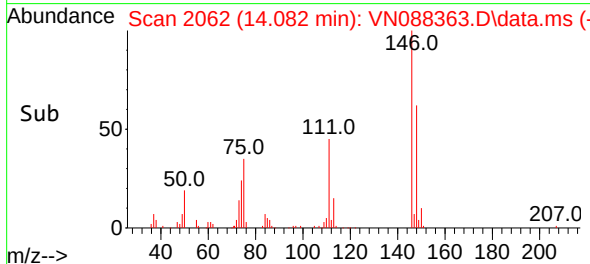
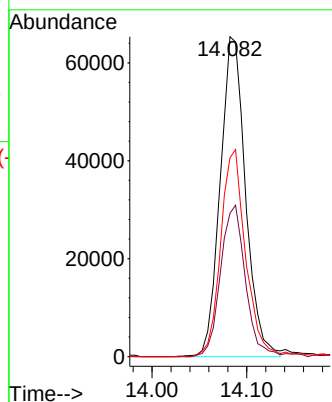
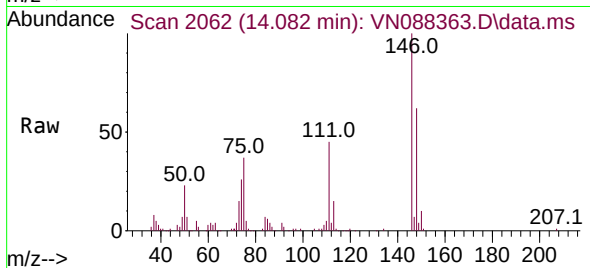
#87
1,2-Dichlorobenzene
Concen: 18.219 ug/l
RT: 14.082 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VN088363.D
Acq: 26 Nov 2025 09:42

Instrument :
MSVOA_N
ClientSampleId :
VN1126WBS01

Tgt Ion:146 Resp: 121454
Ion Ratio Lower Upper
146 100
111 46.1 23.0 69.0
148 63.3 31.1 93.2

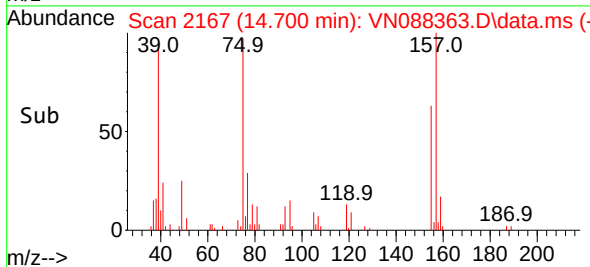
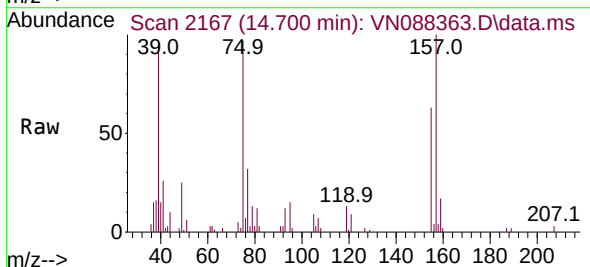
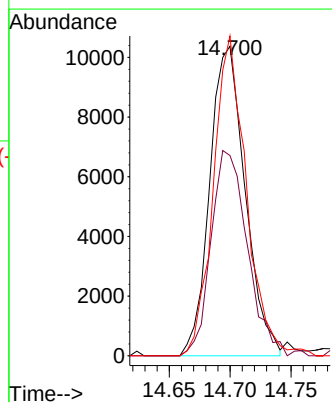
Manual Integrations
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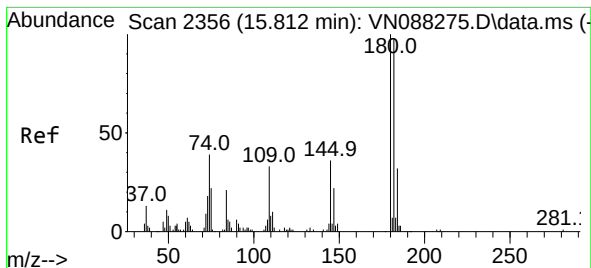
Reviewed By :John Carlone 12/01/2025
Supervised By :Semsettin Yesilyurt 12/01/2025



#88
1,2-Dibromo-3-Chloropropane
Concen: 17.164 ug/l
RT: 14.700 min Scan# 2167
Delta R.T. 0.000 min
Lab File: VN088363.D
Acq: 26 Nov 2025 09:42

Tgt Ion: 75 Resp: 21042
Ion Ratio Lower Upper
75 100
155 67.9 54.8 82.2
157 95.2 70.7 106.1





#89

1,2,4-Trichlorobenzene

Concen: 18.797 ug/l

RT: 15.812 min Scan# 2356

Delta R.T. 0.000 min

Lab File: VN088363.D

Acq: 26 Nov 2025 09:42

Instrument :

MSVOA_N

ClientSampleId :

VN1126WBS01

Tgt Ion:180 Resp: 70316

Ion Ratio Lower Upper

180 100

182 93.6 77.3 115.9

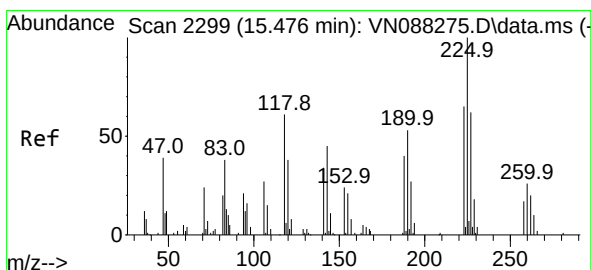
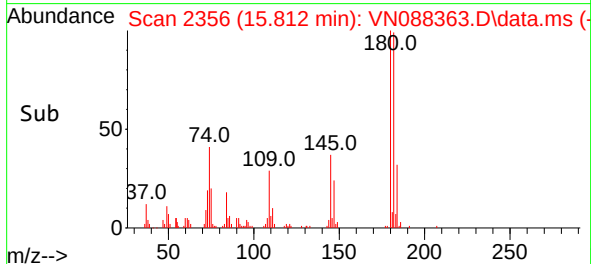
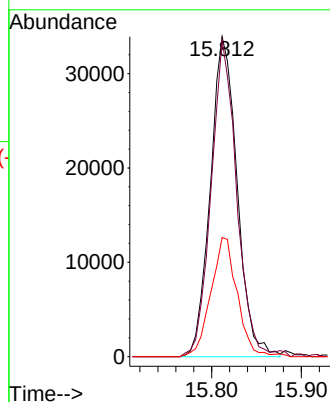
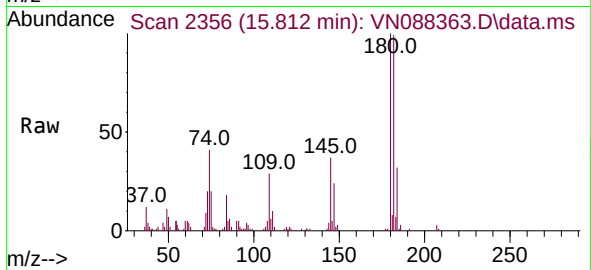
145 36.4 30.2 45.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/01/2025

Supervised By :Semsettin Yesilyurt 12/01/2025



#90

Hexachlorobutadiene

Concen: 19.311 ug/l

RT: 15.470 min Scan# 2298

Delta R.T. -0.006 min

Lab File: VN088363.D

Acq: 26 Nov 2025 09:42

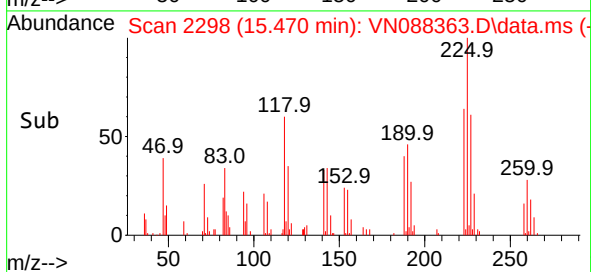
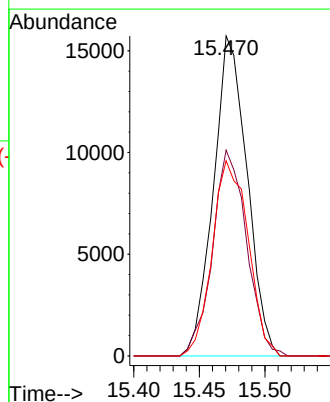
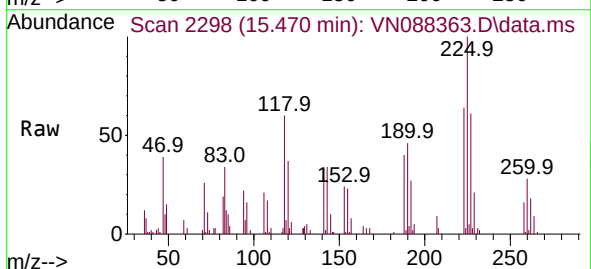
Tgt Ion:225 Resp: 28055

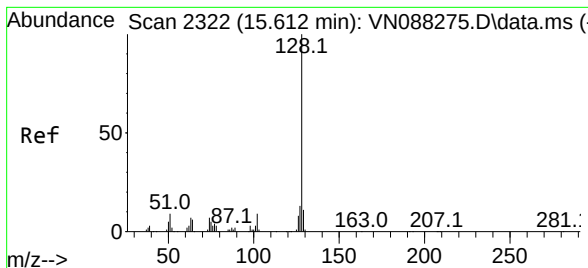
Ion Ratio Lower Upper

225 100

223 65.1 0.0 132.0

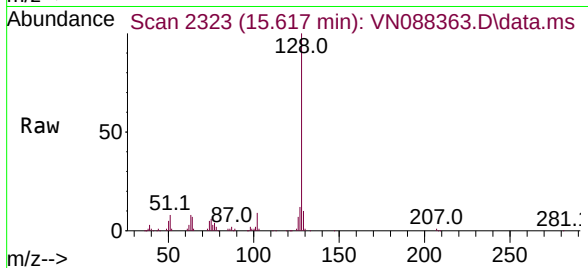
227 65.1 0.0 132.6





#91
Naphthalene
Concen: 17.367 ug/l
RT: 15.617 min Scan# 2323
Delta R.T. 0.006 min
Lab File: VN088363.D
Acq: 26 Nov 2025 09:42

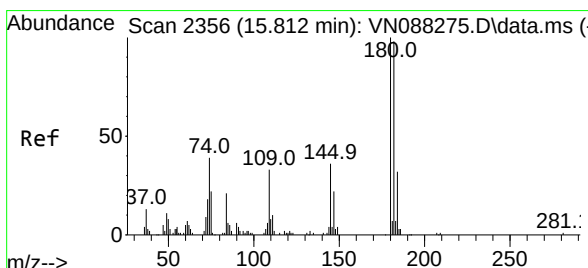
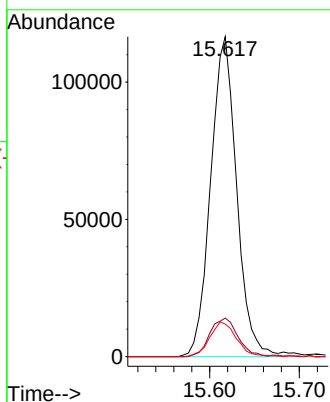
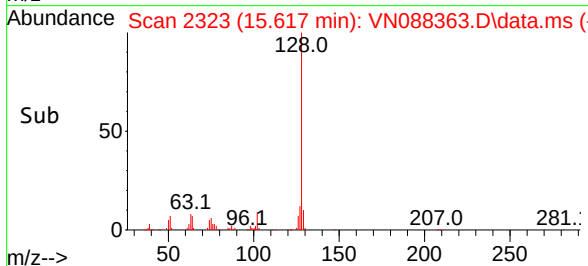
Instrument :
MSVOA_N
ClientSampleId :
VN1126WBS01



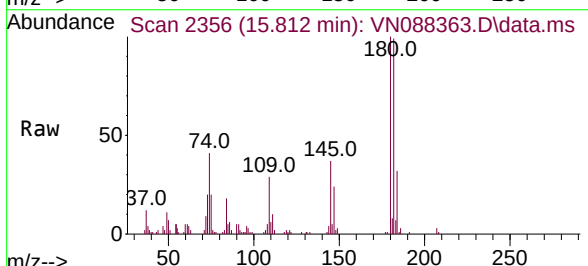
Tgt Ion:128 Resp: 235066
Ion Ratio Lower Upper
128 100
127 13.0 10.6 16.0
129 11.1 8.8 13.2

Manual Integrations
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Reviewed By :John Carlone 12/01/2025
Supervised By :Semsettin Yesilyurt 12/01/2025



#92
1,2,3-Trichlorobenzene
Concen: 18.797 ug/l
RT: 15.812 min Scan# 2356
Delta R.T. 0.000 min
Lab File: VN088363.D
Acq: 26 Nov 2025 09:42



Tgt Ion:180 Resp: 70316
Ion Ratio Lower Upper
180 100
182 93.6 0.0 193.2
145 36.4 0.0 75.6

