

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120325\
 Data File : VN088420.D
 Acq On : 03 Dec 2025 12:11
 Operator : JC\MD
 Sample : VN1203WBS02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1203WBS02

Quant Time: Dec 04 00:16:12 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 25 01:34:52 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	243790	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.077	114	441855	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	396926	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	195496	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	233836	50.917	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.840%			
35) Dibromofluoromethane	8.147	113	151508	49.479	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.960%			
50) Toluene-d8	10.541	98	555777	48.782	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.560%			
62) 4-Bromofluorobenzene	12.829	95	193103	49.397	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 98.800%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	84224	23.001	ug/l	99
3) Chloromethane	2.383	50	86520	22.000	ug/l	99
4) Vinyl Chloride	2.536	62	88781	22.190	ug/l	93
5) Bromomethane	2.983	94	43324	22.499	ug/l	100
6) Chloroethane	3.142	64	55695	22.494	ug/l	95
7) Trichlorofluoromethane	3.518	101	129384	23.009	ug/l	92
8) Diethyl Ether	3.959	74	47941	22.715	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.371	101	67447	22.530	ug/l	96
10) Methyl Iodide	4.583	142	57412	19.373	ug/l	94
11) Tert butyl alcohol	5.506	59	73617	100.402	ug/l	100
12) 1,1-Dichloroethene	4.336	96	64671	21.743	ug/l	94
13) Acrolein	4.177	56	81707	116.396	ug/l	99
14) Allyl chloride	5.018	41	119450	21.668	ug/l	99
15) Acrylonitrile	5.706	53	241990	114.390	ug/l	97
16) Acetone	4.424	43	172337	103.762	ug/l	99
17) Carbon Disulfide	4.706	76	213496	21.966	ug/l	100
18) Methyl Acetate	5.018	43	119640	24.199	ug/l	99
19) Methyl tert-butyl Ether	5.789	73	260101	23.341	ug/l	99
20) Methylene Chloride	5.271	84	79186	22.284	ug/l	98
21) trans-1,2-Dichloroethene	5.777	96	72762	22.084	ug/l	97
22) Diisopropyl ether	6.659	45	282684	24.018	ug/l	99
23) Vinyl Acetate	6.589	43	1252949	132.133	ug/l	99
24) 1,1-Dichloroethane	6.547	63	154978	23.252	ug/l	98
25) 2-Butanone	7.465	43	296266	110.958	ug/l	100
26) 2,2-Dichloropropane	7.471	77	132597	23.048	ug/l	99
27) cis-1,2-Dichloroethene	7.471	96	84198	21.989	ug/l	95
28) Bromochloromethane	7.788	49	69647	20.976	ug/l	98
29) Tetrahydrofuran	7.818	42	221957	115.894	ug/l	97
30) Chloroform	7.947	83	155883	23.802	ug/l	97
31) Cyclohexane	8.235	56	133701	22.136	ug/l	97
32) 1,1,1-Trichloroethane	8.147	97	132281	22.972	ug/l	95
36) 1,1-Dichloropropene	8.353	75	104286	22.068	ug/l	98
37) Ethyl Acetate	7.541	43	134284	21.611	ug/l	97
38) Carbon Tetrachloride	8.341	117	112964	24.012	ug/l	93
39) Methylcyclohexane	9.577	83	108582	21.481	ug/l	95
40) Benzene	8.588	78	315045	22.714	ug/l	100

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.759	41	73059	23.739	ug/l	97
42) 1,2-Dichloroethane	8.647	62	131369	24.825	ug/l	100
43) Isopropyl Acetate	8.671	43	218108	22.974	ug/l	100
44) Trichloroethene	9.330	130	70993	21.662	ug/l	98
45) 1,2-Dichloropropane	9.600	63	83317	23.446	ug/l	98
46) Dibromomethane	9.688	93	61063	24.078	ug/l	99
47) Bromodichloromethane	9.865	83	122848	23.741	ug/l	98
48) Methyl methacrylate	9.659	41	99664	23.008	ug/l	98
49) 1,4-Dioxane	9.682	88	23655	429.402	ug/l #	93
51) 4-Methyl-2-Pentanone	10.424	43	679502	121.427	ug/l	99
52) Toluene	10.606	92	189259	23.631	ug/l	98
53) t-1,3-Dichloropropene	10.812	75	124472	23.435	ug/l	100
54) cis-1,3-Dichloropropene	10.288	75	132698	23.757	ug/l	96
55) 1,1,2-Trichloroethane	10.994	97	75047	24.220	ug/l	99
56) Ethyl methacrylate	10.853	69	118218	24.153	ug/l	97
57) 1,3-Dichloropropane	11.141	76	134010	23.973	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.141	63	301210	106.744	ug/l	99
59) 2-Hexanone	11.176	43	407196	115.510	ug/l	97
60) Dibromochloromethane	11.335	129	82597	23.383	ug/l	96
61) 1,2-Dibromoethane	11.447	107	75617	24.099	ug/l	99
64) Tetrachloroethene	11.076	164	63879	20.300	ug/l	96
65) Chlorobenzene	11.871	112	198596	22.275	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.935	131	71471	23.768	ug/l	98
67) Ethyl Benzene	11.941	91	348145	22.342	ug/l	97
68) m/p-Xylenes	12.047	106	258961	44.821	ug/l	98
69) o-Xylene	12.376	106	120501	21.877	ug/l	99
70) Styrene	12.388	104	208790	23.345	ug/l	99
71) Bromoform	12.553	173	52448	23.813	ug/l #	99
73) Isopropylbenzene	12.670	105	313470	21.686	ug/l	99
74) N-amyl acetate	12.682	43	120873m	24.554	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.912	83	106712	22.836	ug/l	99
76) 1,2,3-Trichloropropane	12.970	75	91441m	19.970	ug/l	
77) Bromobenzene	12.959	156	75715	22.893	ug/l	97
78) n-propylbenzene	13.012	91	401330	22.695	ug/l	99
79) 2-Chlorotoluene	13.100	91	237936	22.034	ug/l	99
80) 1,3,5-Trimethylbenzene	13.153	105	267945	22.370	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.718	75	33626	20.834	ug/l #	92
82) 4-Chlorotoluene	13.200	91	250184	23.326	ug/l	100
83) tert-Butylbenzene	13.412	119	223251	21.926	ug/l	98
84) 1,2,4-Trimethylbenzene	13.459	105	274144	23.027	ug/l	97
85) sec-Butylbenzene	13.594	105	326289	22.307	ug/l	99
86) p-Isopropyltoluene	13.706	119	268852	22.414	ug/l	99
87) 1,3-Dichlorobenzene	13.712	146	146835	22.807	ug/l	98
88) 1,4-Dichlorobenzene	13.788	146	147165	21.822	ug/l	98
89) n-Butylbenzene	14.035	91	255584	21.946	ug/l	99
90) Hexachloroethane	14.306	117	49509	22.595	ug/l	100
91) 1,2-Dichlorobenzene	14.082	146	132616	21.889	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.700	75	24969	22.023	ug/l	94
93) 1,2,4-Trichlorobenzene	15.364	180	74473	20.688	ug/l	95
94) Hexachlorobutadiene	15.470	225	29967	23.166	ug/l	97
95) Naphthalene	15.611	128	256226	20.541	ug/l	99
96) 1,2,3-Trichlorobenzene	15.811	180	72914	20.813	ug/l	97

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MSVOA_N
ClientSampleId :
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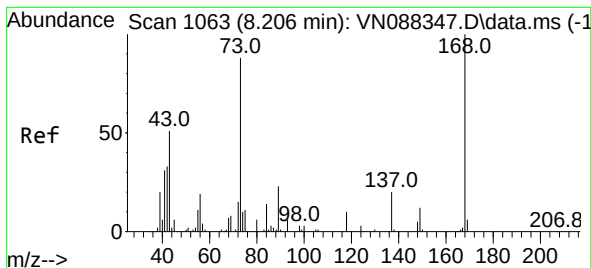
Manual Integrations
APPROVED

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

Quant Time: Dec 04 00:16:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 25 01:34:52 2025
Response via : Initial Calibration

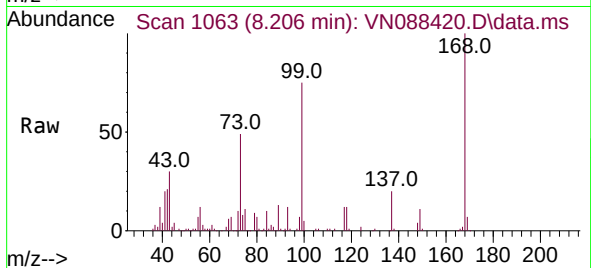
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
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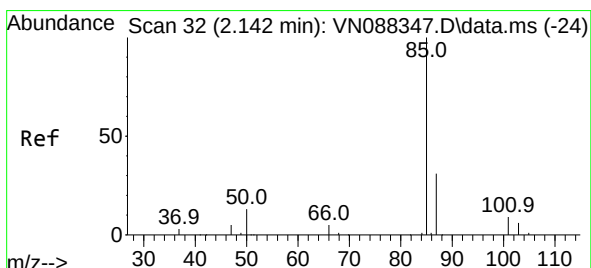
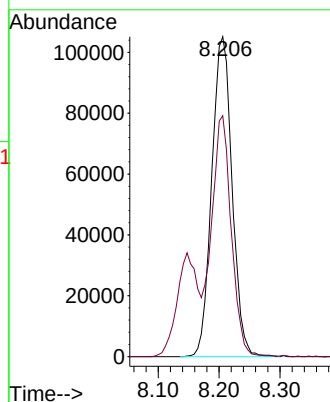
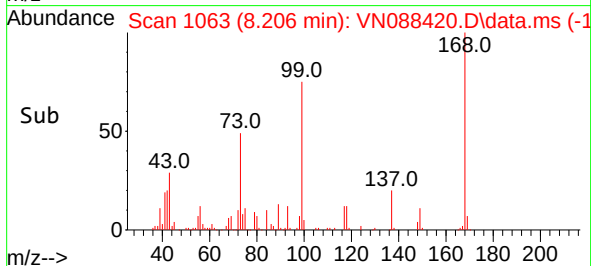
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBS02



Tgt Ion:168 Resp: 243790
Ion Ratio Lower Upper
168 100
99 75.1 57.1 85.7

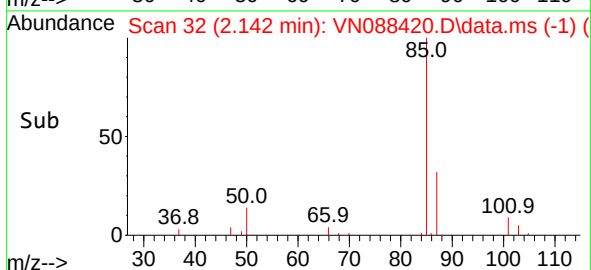
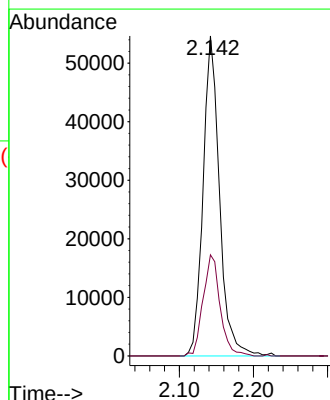
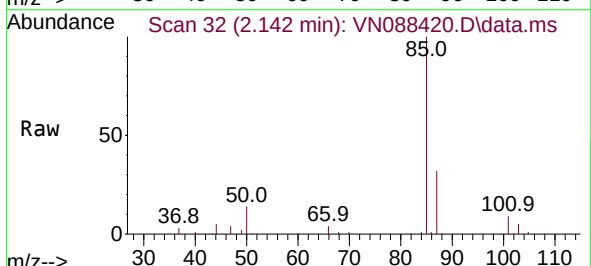
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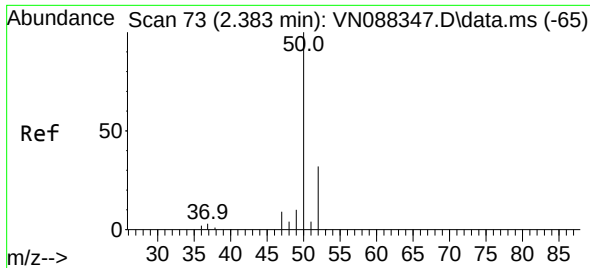
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#2
Dichlorodifluoromethane
Concen: 23.001 ug/l
RT: 2.142 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN088420.D
Acq: 03 Dec 2025 12:11

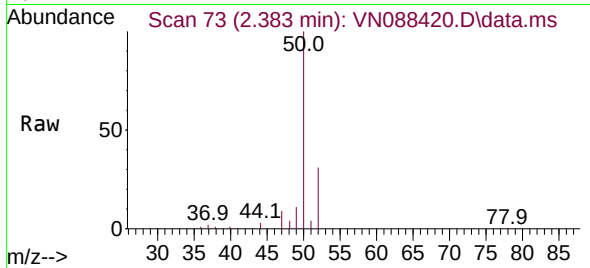
Tgt Ion: 85 Resp: 84224
Ion Ratio Lower Upper
85 100
87 31.6 15.6 46.7





#3
Chloromethane
Concen: 22.000 ug/l
RT: 2.383 min Scan# 73
Delta R.T. 0.000 min
Lab File: VN088420.D
Acq: 03 Dec 2025 12:11

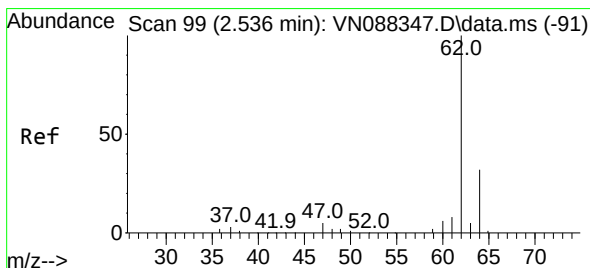
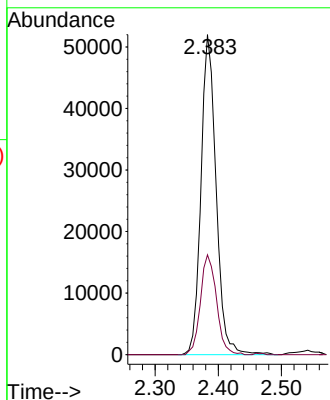
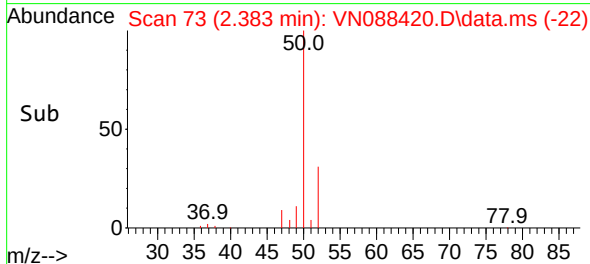
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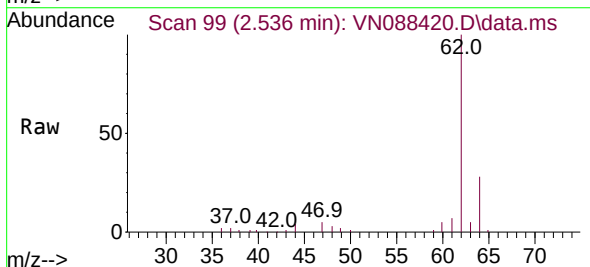
Tgt Ion: 50 Resp: 86520
Ion Ratio Lower Upper
50 100
52 31.2 25.2 37.8

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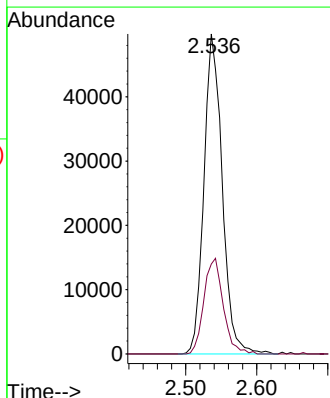
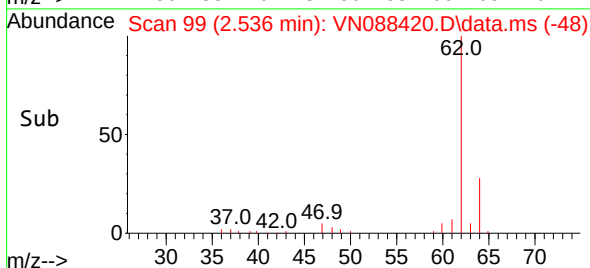
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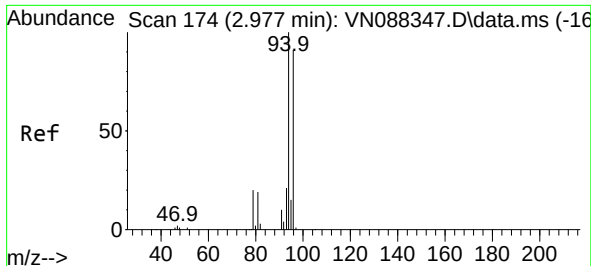


#4
Vinyl Chloride
Concen: 22.190 ug/l
RT: 2.536 min Scan# 99
Delta R.T. 0.000 min
Lab File: VN088420.D
Acq: 03 Dec 2025 12:11



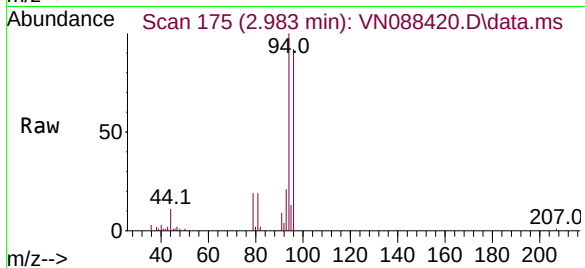
Tgt Ion: 62 Resp: 88781
Ion Ratio Lower Upper
62 100
64 28.1 25.4 38.2





#5
Bromomethane
Concen: 22.499 ug/l
RT: 2.983 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN088420.D
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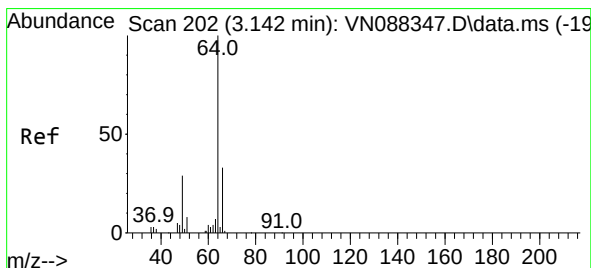
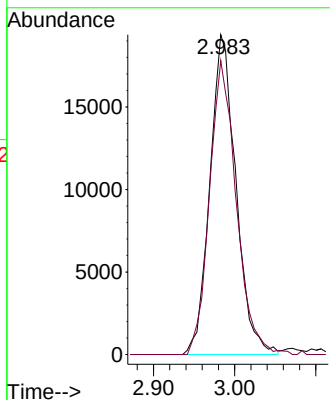
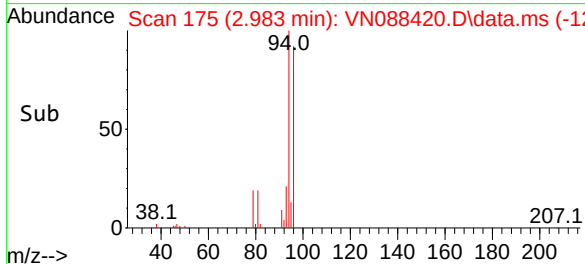
Instrument :
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Tgt Ion: 94 Resp: 43324
Ion Ratio Lower Upper
94 100
96 91.9 73.2 109.8

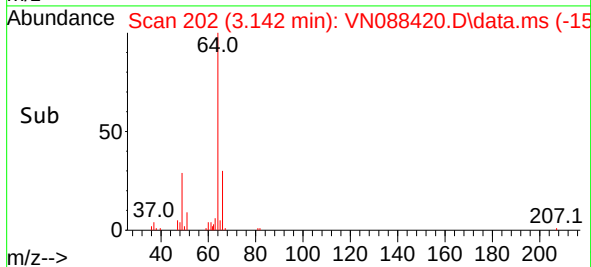
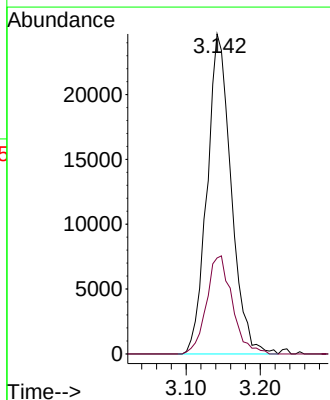
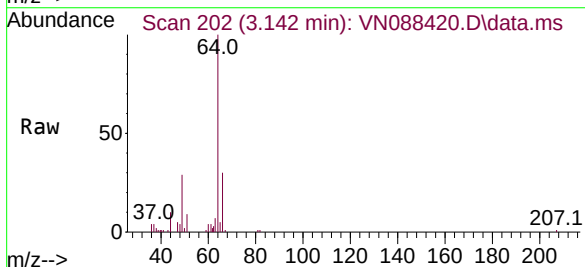
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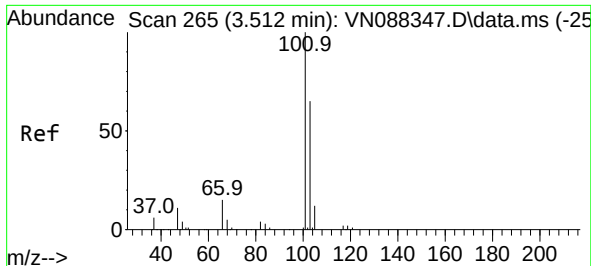
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#6
Chloroethane
Concen: 22.494 ug/l
RT: 3.142 min Scan# 202
Delta R.T. 0.000 min
Lab File: VN088420.D
Acq: 03 Dec 2025 12:11

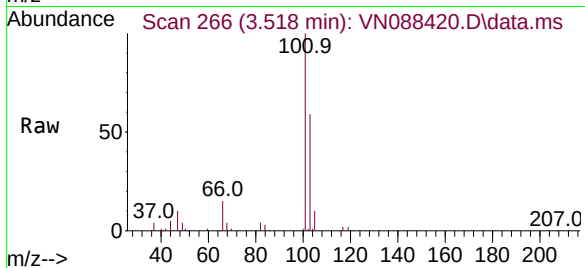
Tgt Ion: 64 Resp: 55695
Ion Ratio Lower Upper
64 100
66 30.0 26.4 39.6





#7
Trichlorofluoromethane
Concen: 23.009 ug/l
RT: 3.518 min Scan# 265
Delta R.T. 0.006 min
Lab File: VN088420.D
Acq: 03 Dec 2025 12:11

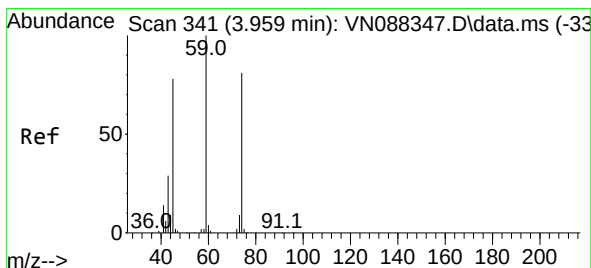
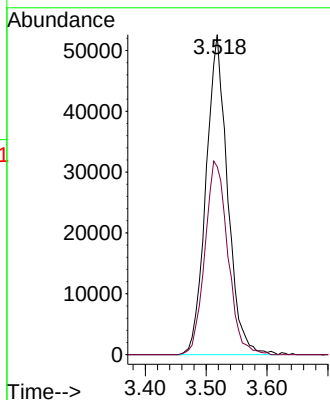
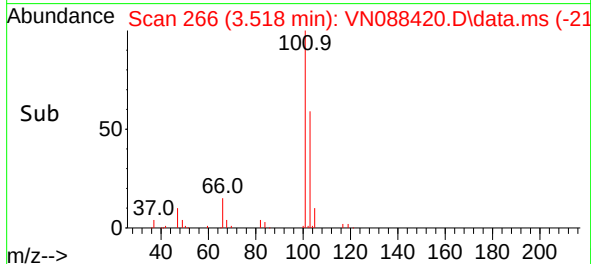
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBS02



Tgt Ion:101 Resp: 129384
Ion Ratio Lower Upper
101 100
103 58.7 52.3 78.5

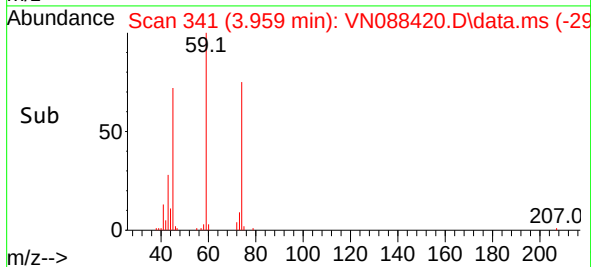
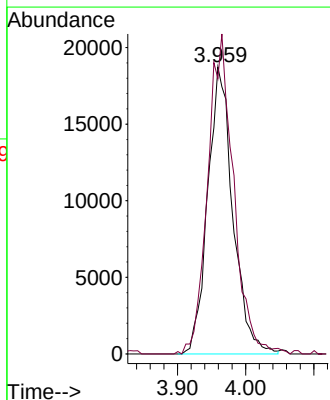
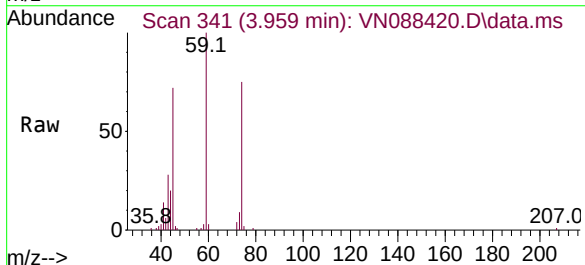
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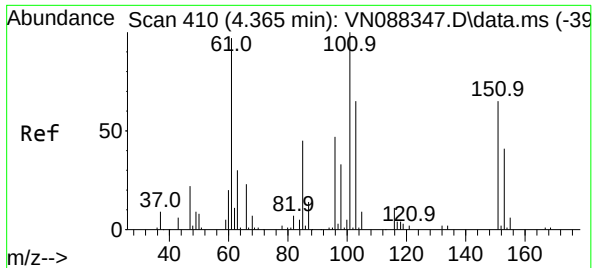
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#8
Diethyl Ether
Concen: 22.715 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.000 min
Lab File: VN088420.D
Acq: 03 Dec 2025 12:11

Tgt Ion: 74 Resp: 47941
Ion Ratio Lower Upper
74 100
45 114.5 54.2 162.6





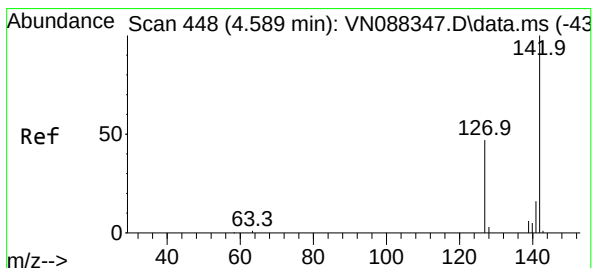
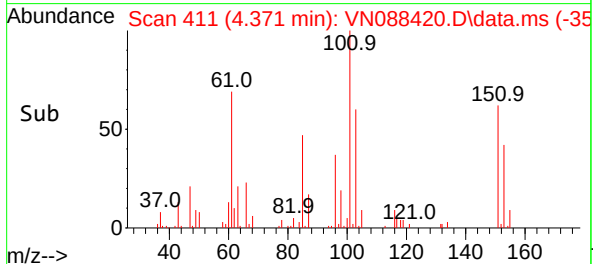
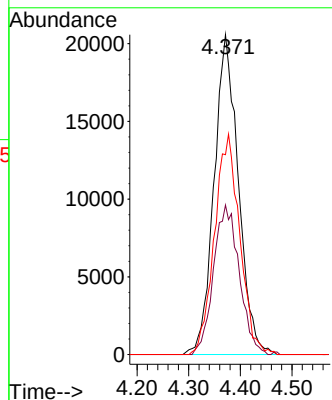
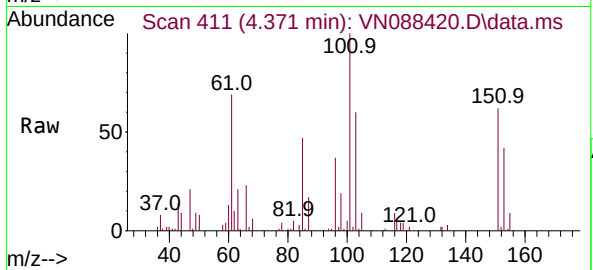
#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.530 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN088420.D
Acq: 03 Dec 2025 12:11

Instrument :
MSVOA_N
ClientSampleId :
VN1203WBS02

Tgt Ion:101 Resp: 6744
Ion Ratio Lower Upper
101 100
85 49.4 39.2 58.8
151 71.8 53.6 80.4

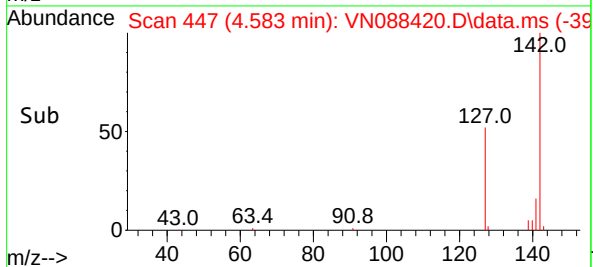
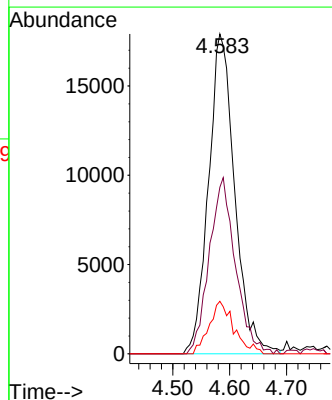
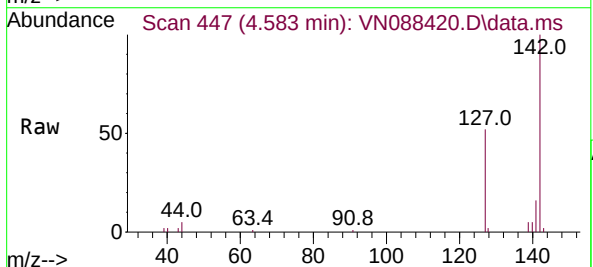
Manual Integrations
APPROVED

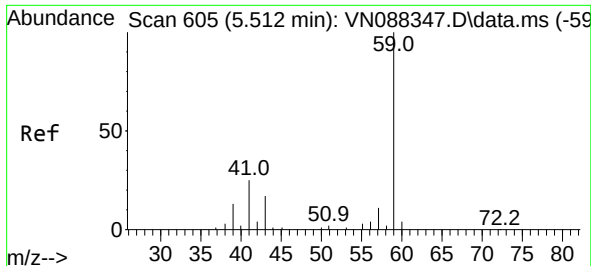
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#10
Methyl Iodide
Concen: 19.373 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.006 min
Lab File: VN088420.D
Acq: 03 Dec 2025 12:11

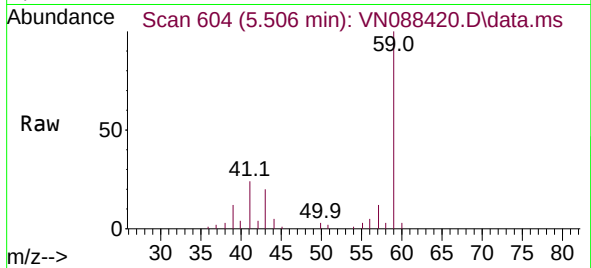
Tgt Ion:142 Resp: 57412
Ion Ratio Lower Upper
142 100
127 52.1 37.9 56.9
141 16.4 12.4 18.6





#11
Tert butyl alcohol
Concen: 100.402 ug/l
RT: 5.506 min Scan# 605
Delta R.T. -0.006 min
Lab File: VN088420.D
Acq: 03 Dec 2025 12:11

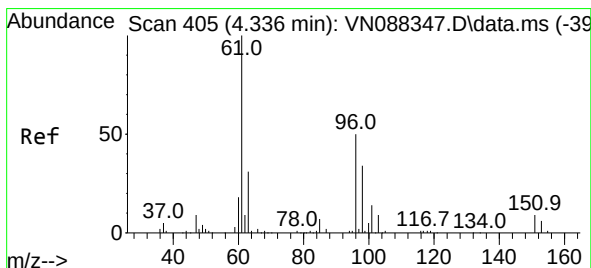
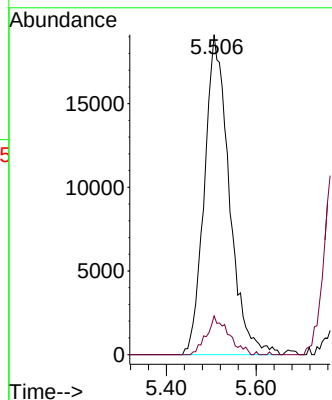
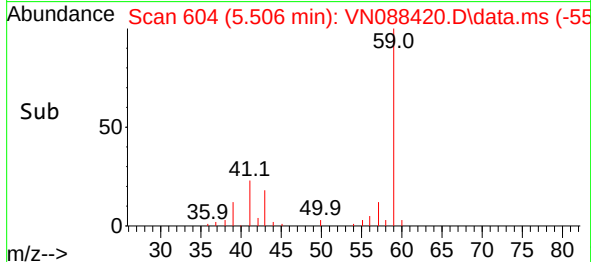
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBS02



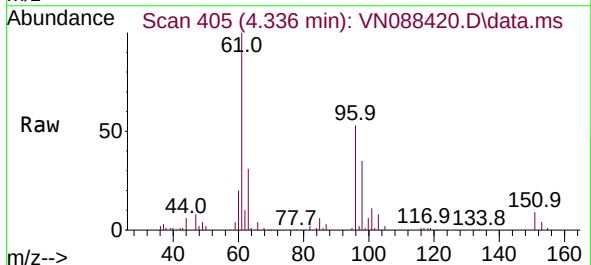
Tgt Ion: 59 Resp: 7361
Ion Ratio Lower Upper
59 100
57 10.6 8.5 12.7

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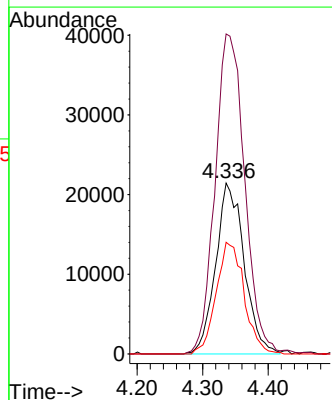
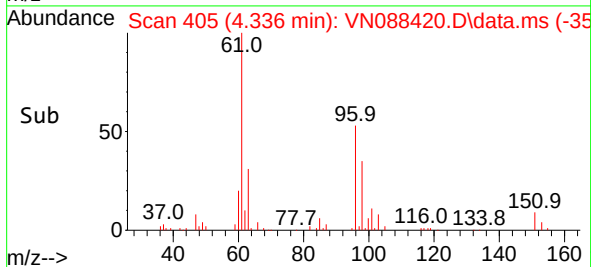
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

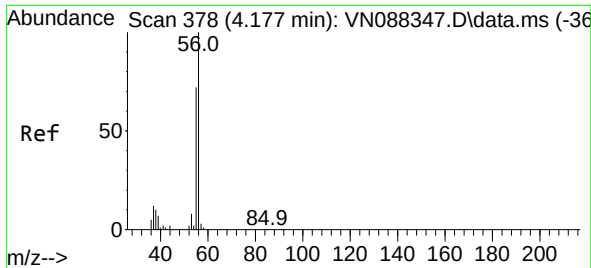


#12
1,1-Dichloroethene
Concen: 21.743 ug/l
RT: 4.336 min Scan# 405
Delta R.T. 0.000 min
Lab File: VN088420.D
Acq: 03 Dec 2025 12:11



Tgt Ion: 96 Resp: 64671
Ion Ratio Lower Upper
96 100
61 187.3 159.1 238.7
98 65.3 53.7 80.5





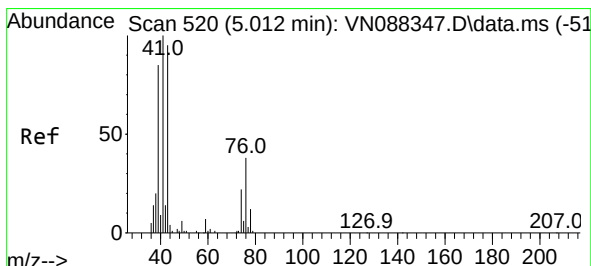
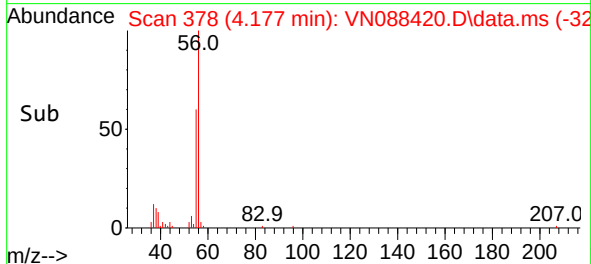
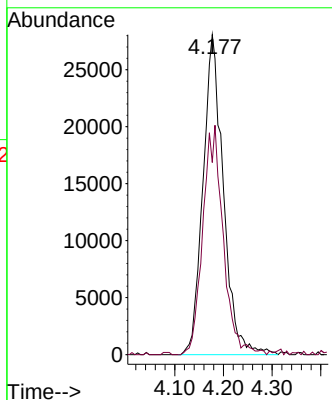
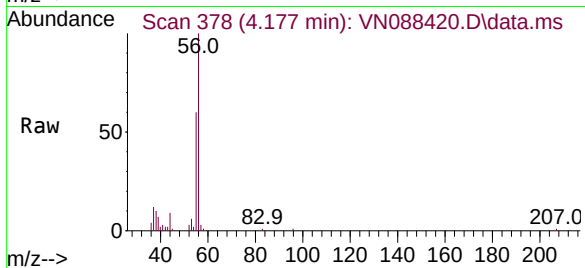
#13
Acrolein
Concen: 116.396 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN088420.D
Acq: 03 Dec 2025 12:11

Instrument :
MSVOA_N
ClientSampleId :
VN1203WBS02

Tgt Ion: 56 Resp: 8170
Ion Ratio Lower Upper
56 100
55 71.6 56.3 84.5

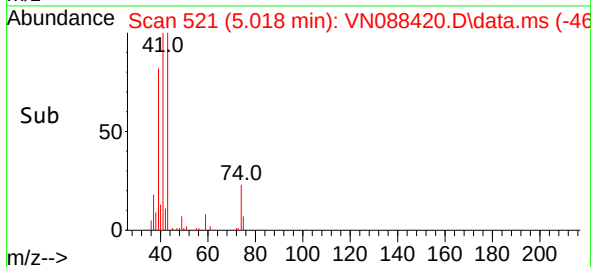
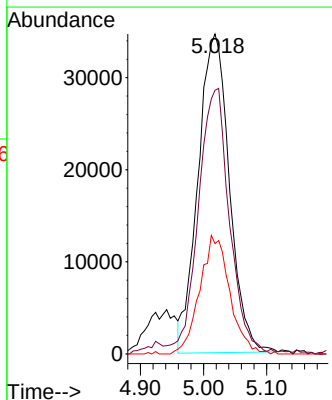
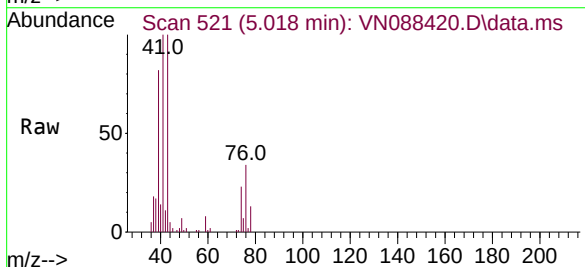
Manual Integrations
APPROVED

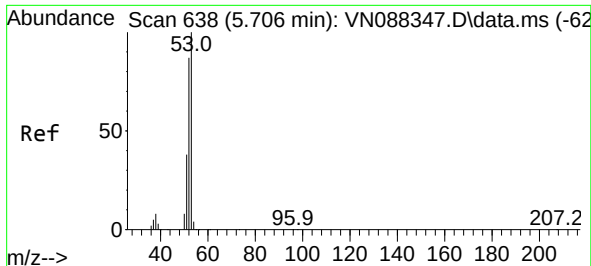
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#14
Allyl chloride
Concen: 21.668 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.006 min
Lab File: VN088420.D
Acq: 03 Dec 2025 12:11

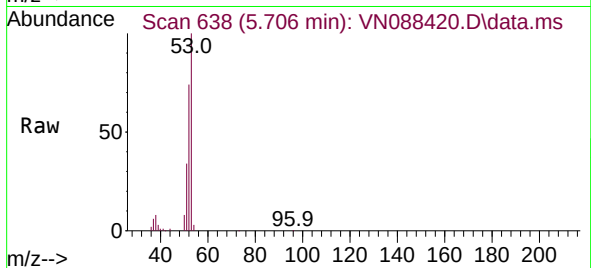
Tgt Ion: 41 Resp: 119450
Ion Ratio Lower Upper
41 100
39 81.3 64.7 97.1
76 35.6 29.1 43.7





#15
Acrylonitrile
Concen: 114.390 ug/l
RT: 5.706 min Scan# 638
Delta R.T. 0.000 min
Lab File: VN088420.D
Acq: 03 Dec 2025 12:11

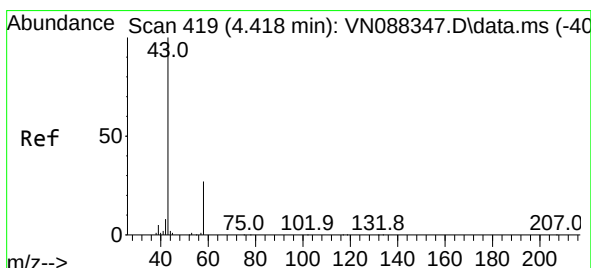
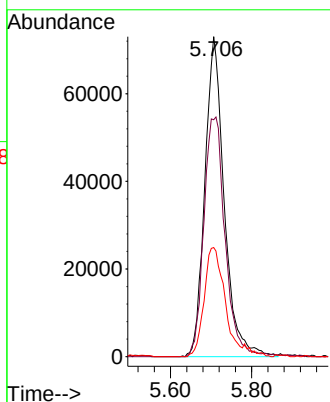
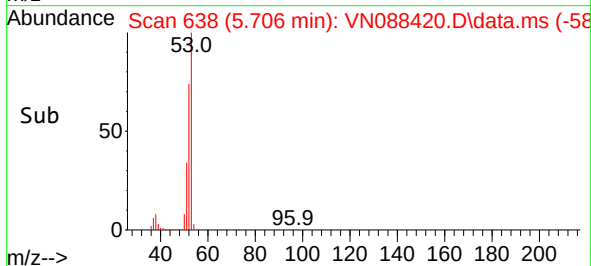
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBS02



Tgt Ion: 53 Resp: 241990
Ion Ratio Lower Upper
53 100
52 81.7 67.8 101.6
51 36.0 29.8 44.8

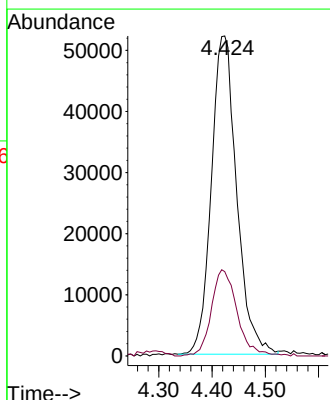
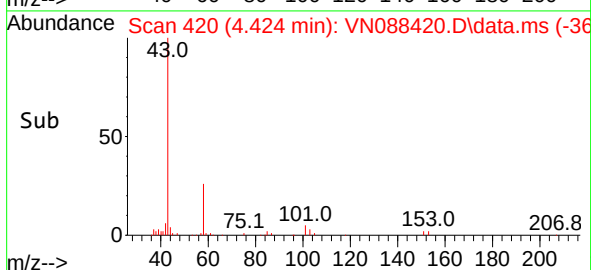
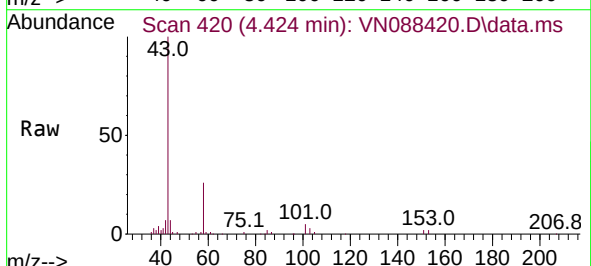
Manual Integrations
APPROVED

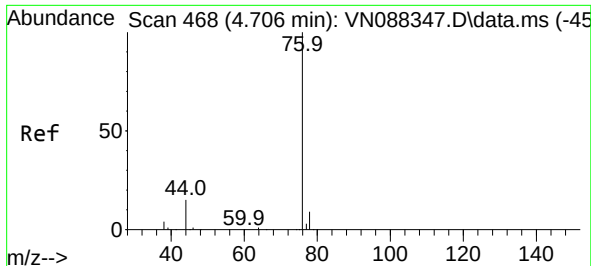
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#16
Acetone
Concen: 103.762 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN088420.D
Acq: 03 Dec 2025 12:11

Tgt Ion: 43 Resp: 172337
Ion Ratio Lower Upper
43 100
58 26.5 21.7 32.5





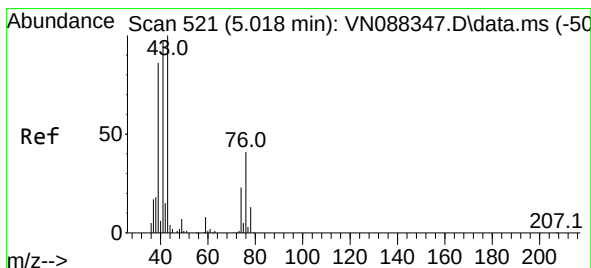
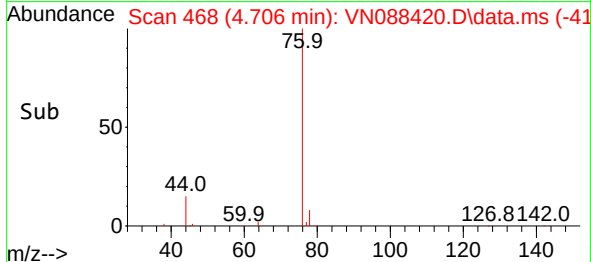
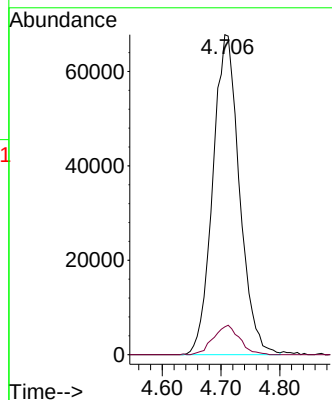
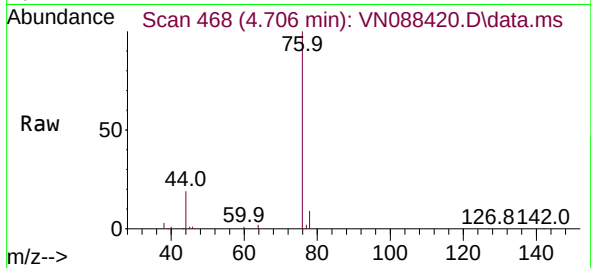
#17
Carbon Disulfide
Concen: 21.966 ug/l
RT: 4.706 min Scan# 468
Delta R.T. 0.000 min
Lab File: VN088420.D
Acq: 03 Dec 2025 12:11

Instrument :
MSVOA_N
ClientSampleId :
VN1203WBS02

Tgt Ion: 76 Resp: 213496
Ion Ratio Lower Upper
76 100
78 8.7 7.0 10.4

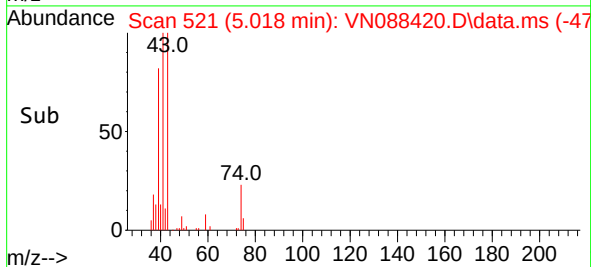
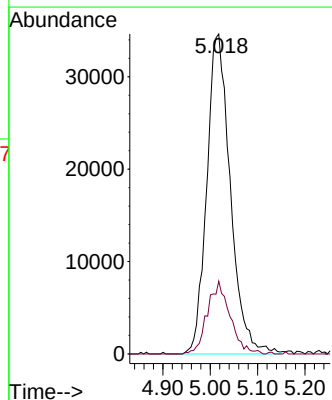
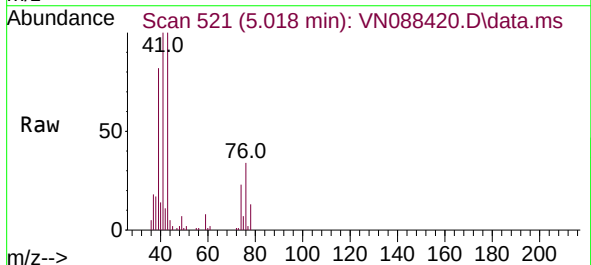
Manual Integrations
APPROVED

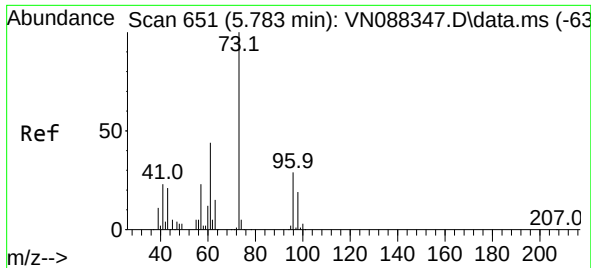
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#18
Methyl Acetate
Concen: 24.199 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN088420.D
Acq: 03 Dec 2025 12:11

Tgt Ion: 43 Resp: 119640
Ion Ratio Lower Upper
43 100
74 21.9 17.9 26.9





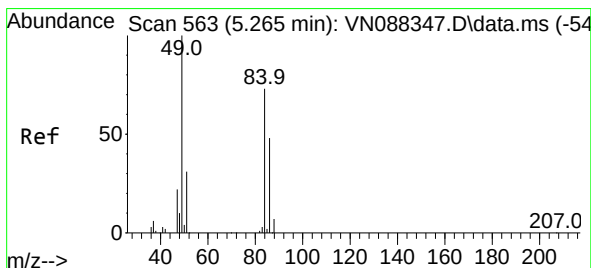
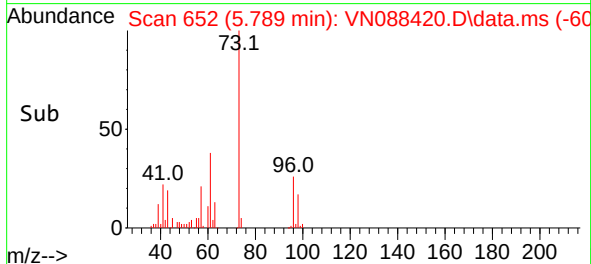
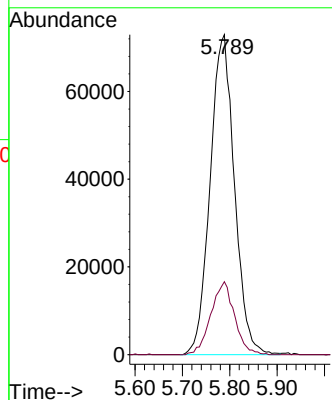
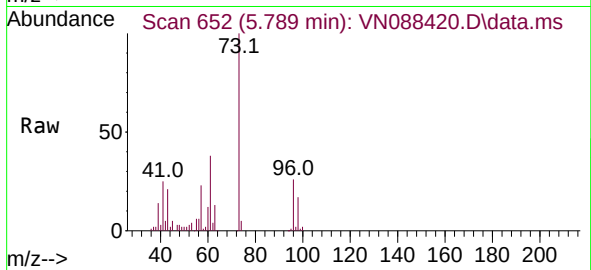
#19
Methyl tert-butyl Ether
Concen: 23.341 ug/l
RT: 5.789 min Scan# 651
Delta R.T. 0.006 min
Lab File: VN088420.D
Acq: 03 Dec 2025 12:11

Instrument :
MSVOA_N
ClientSampleId :
VN1203WBS02

Tgt Ion: 73 Resp: 26010
Ion Ratio Lower Upper
73 100
57 22.8 18.6 28.0

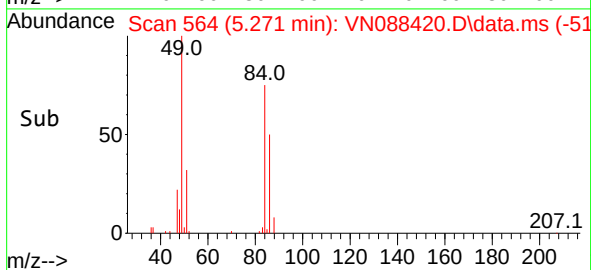
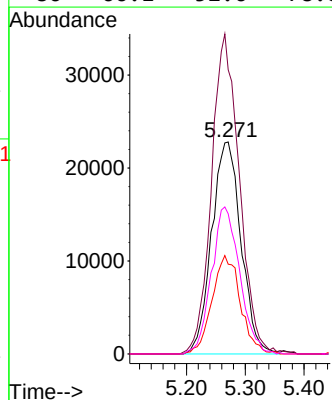
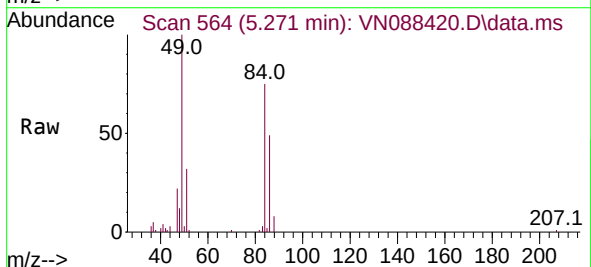
Manual Integrations
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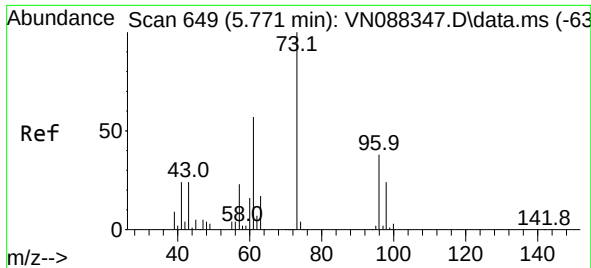
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#20
Methylene Chloride
Concen: 22.284 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.006 min
Lab File: VN088420.D
Acq: 03 Dec 2025 12:11

Tgt Ion: 84 Resp: 79186
Ion Ratio Lower Upper
84 100
49 134.0 110.2 165.2
51 42.3 34.1 51.1
86 66.1 52.6 78.8





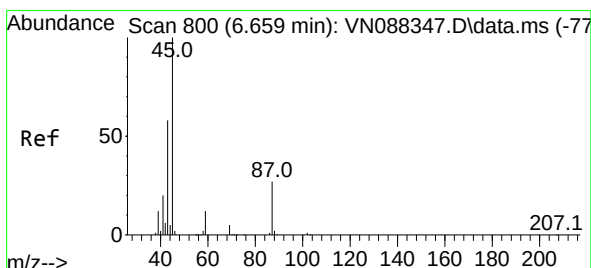
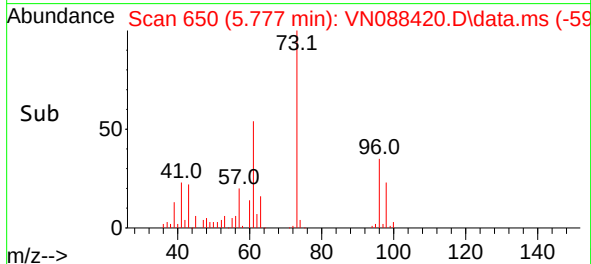
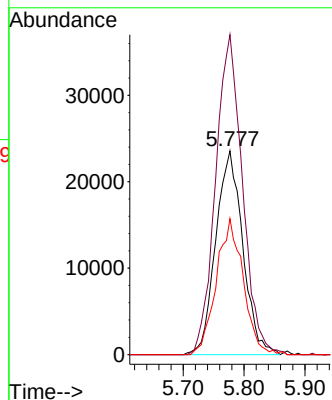
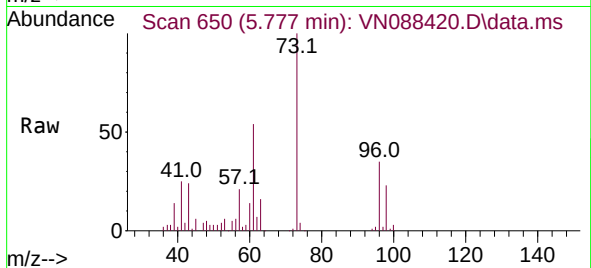
#21
trans-1,2-Dichloroethene
Concen: 22.084 ug/l
RT: 5.777 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN088420.D
Acq: 03 Dec 2025 12:11

Instrument :
MSVOA_N
ClientSampleId :
VN1203WBS02

Tgt Ion: 96 Resp: 72762
Ion Ratio Lower Upper
96 100
61 157.1 122.4 183.6
98 66.8 50.9 76.3

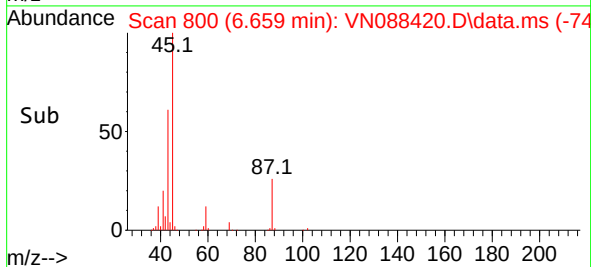
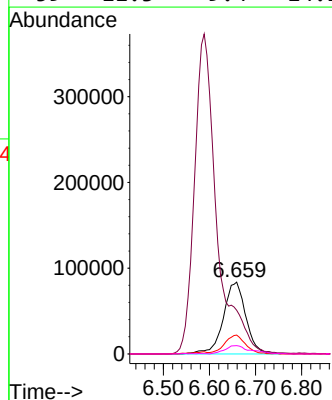
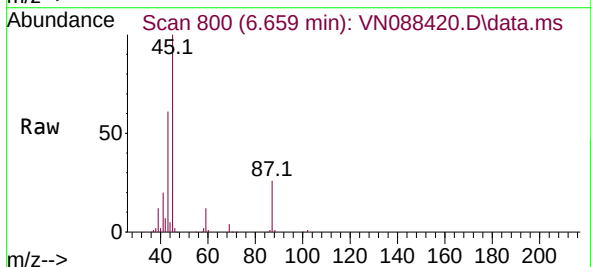
Manual Integrations
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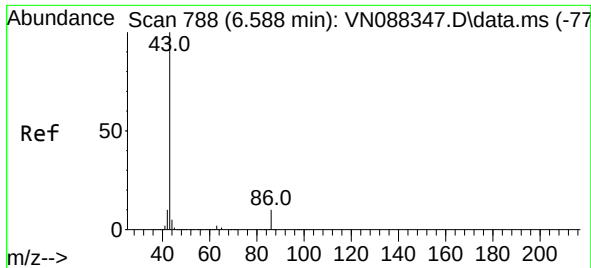
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#22
Diisopropyl ether
Concen: 24.018 ug/l
RT: 6.659 min Scan# 800
Delta R.T. 0.000 min
Lab File: VN088420.D
Acq: 03 Dec 2025 12:11

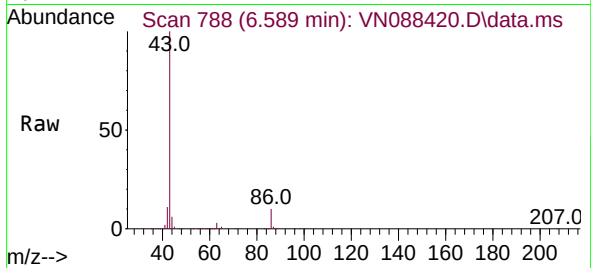
Tgt Ion: 45 Resp: 282684
Ion Ratio Lower Upper
45 100
43 59.3 47.4 71.2
87 26.1 21.9 32.9
59 11.3 9.4 14.2





#23
 Vinyl Acetate
 Concen: 132.133 ug/l
 RT: 6.589 min Scan# 788
 Delta R.T. 0.000 min
 Lab File: VN088420.D
 Acq: 03 Dec 2025 12:11

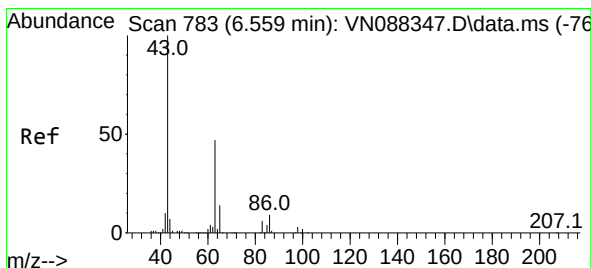
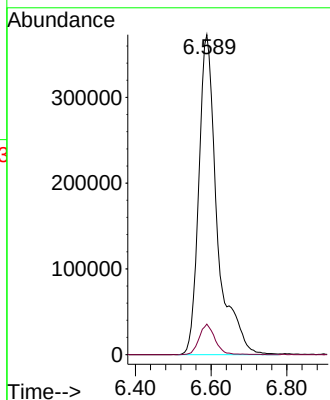
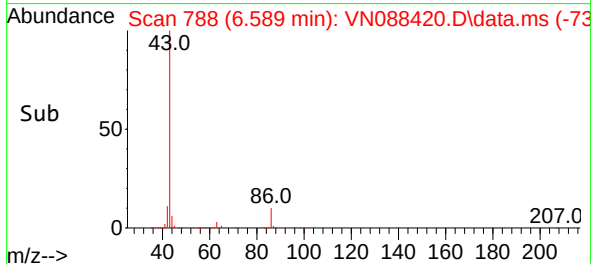
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1203WBS02



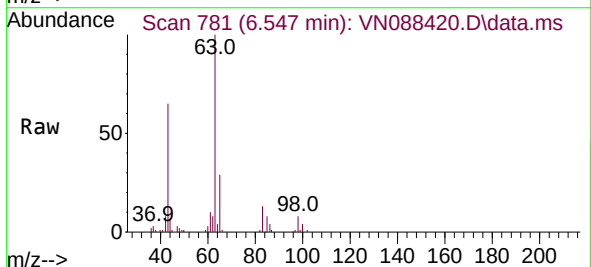
Tgt Ion: 43 Resp: 1252949
 Ion Ratio Lower Upper
 43 100
 86 9.5 7.8 11.8

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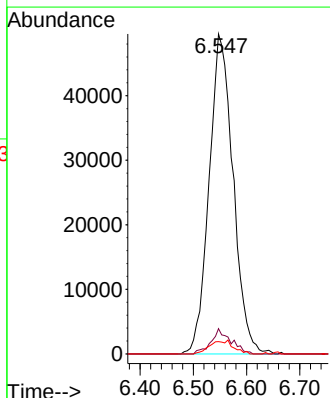
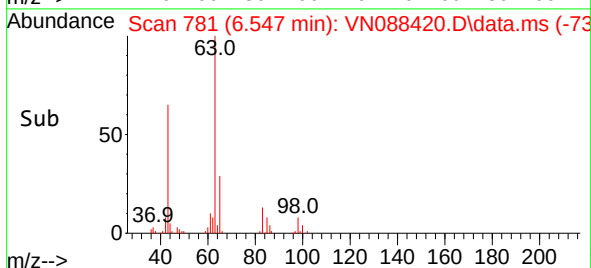
Reviewed By :John Carlone 12/04/2025
 Supervised By :Semsettin Yesilyurt 12/04/2025

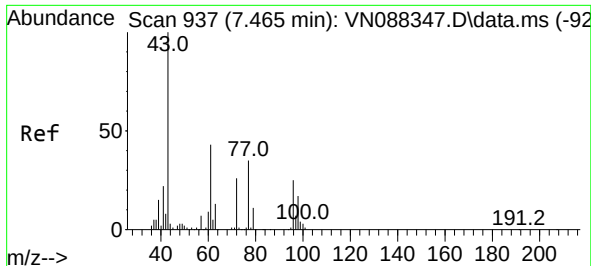


#24
 1,1-Dichloroethane
 Concen: 23.252 ug/l
 RT: 6.547 min Scan# 781
 Delta R.T. -0.012 min
 Lab File: VN088420.D
 Acq: 03 Dec 2025 12:11



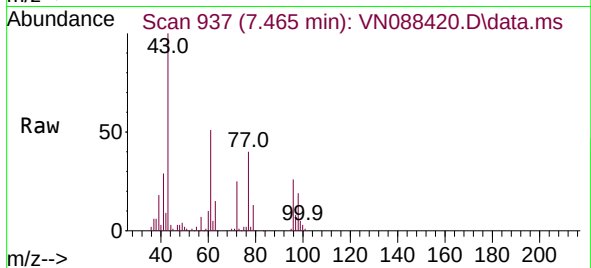
Tgt Ion: 63 Resp: 154978
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.4 10.2
 100 3.8 1.9 5.7





#25
2-Butanone
Concen: 110.958 ug/l
RT: 7.465 min Scan# 937
Delta R.T. 0.000 min
Lab File: VN088420.D
Acq: 03 Dec 2025 12:11

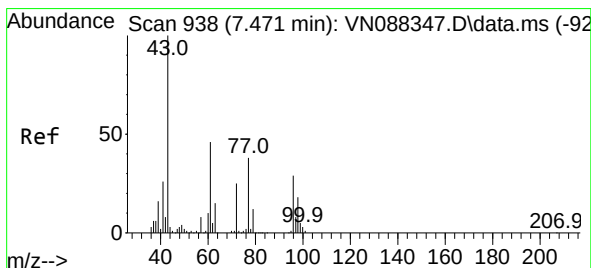
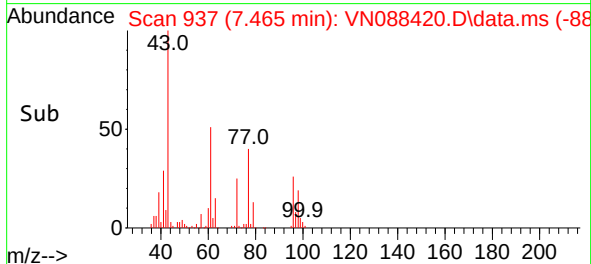
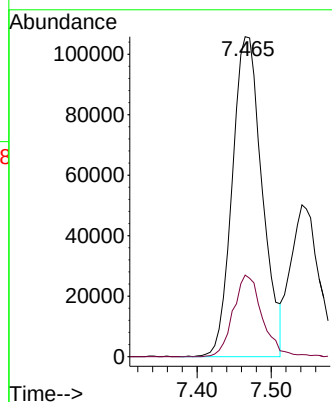
Instrument :
MSVOA_N
Client Sample Id :
VN1203WBS02



Tgt Ion: 43 Resp: 296266
Ion Ratio Lower Upper
43 100
72 25.5 20.5 30.7

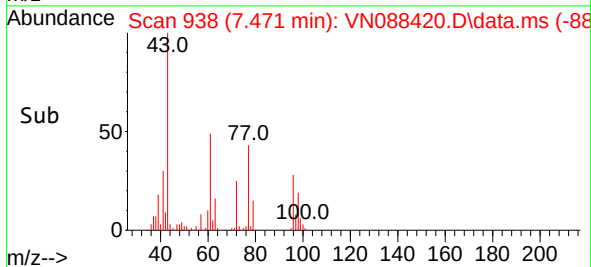
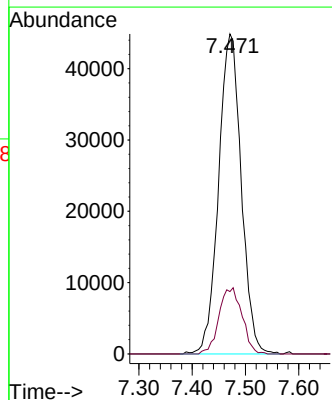
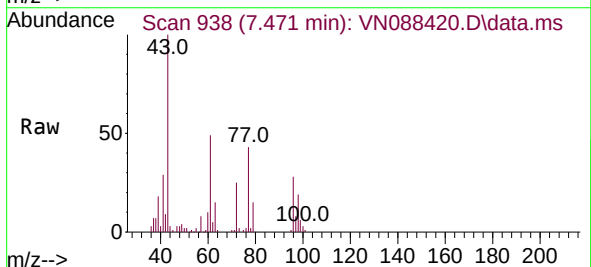
Manual Integrations
APPROVED

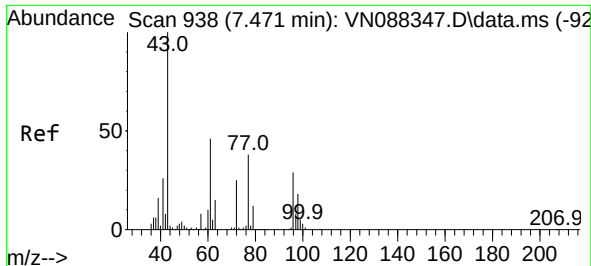
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#26
2,2-Dichloropropane
Concen: 23.048 ug/l
RT: 7.471 min Scan# 938
Delta R.T. 0.000 min
Lab File: VN088420.D
Acq: 03 Dec 2025 12:11

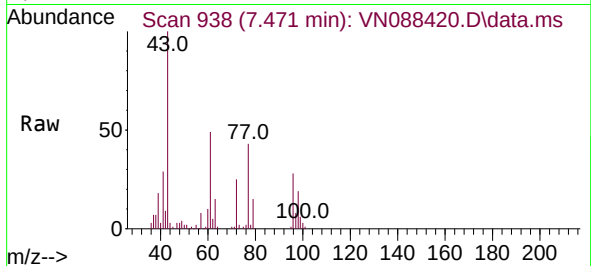
Tgt Ion: 77 Resp: 132597
Ion Ratio Lower Upper
77 100
97 21.0 10.3 30.9





#27
 cis-1,2-Dichloroethene
 Concen: 21.989 ug/l
 RT: 7.471 min Scan# 938
 Delta R.T. 0.000 min
 Lab File: VN088420.D
 Acq: 03 Dec 2025 12:11

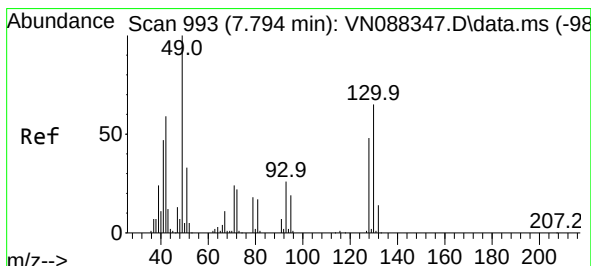
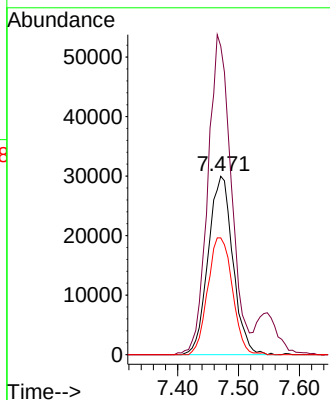
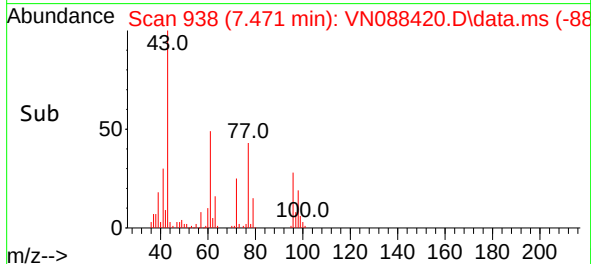
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1203WBS02



Tgt Ion: 96 Resp: 84198
 Ion Ratio Lower Upper
 96 100
 61 169.5 0.0 323.6
 98 65.5 0.0 127.2

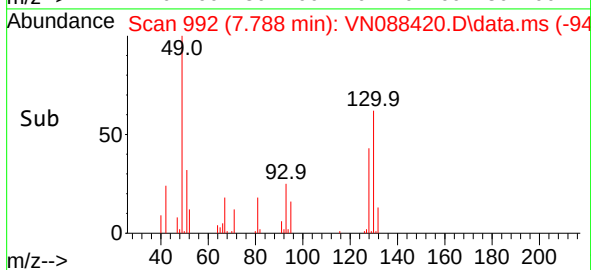
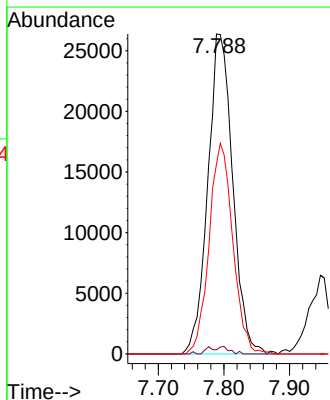
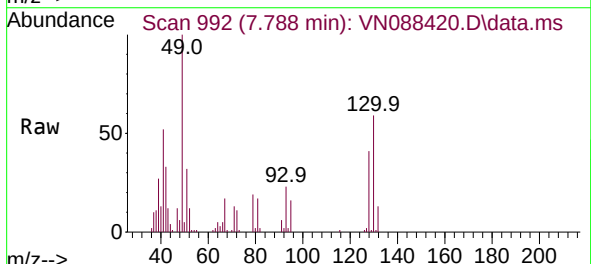
Manual Integrations
 APPROVED

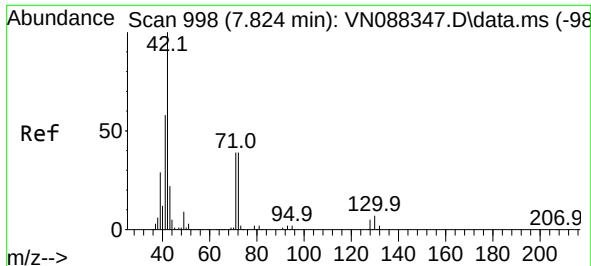
Reviewed By :John Carlone 12/04/2025
 Supervised By :Semsettin Yesilyurt 12/04/2025



#28
 Bromochloromethane
 Concen: 20.976 ug/l
 RT: 7.788 min Scan# 992
 Delta R.T. -0.006 min
 Lab File: VN088420.D
 Acq: 03 Dec 2025 12:11

Tgt Ion: 49 Resp: 69647
 Ion Ratio Lower Upper
 49 100
 129 1.0 0.0 3.6
 130 62.6 51.1 76.7





#29

Tetrahydrofuran

Concen: 115.894 ug/l

RT: 7.818 min Scan# 99

Delta R.T. -0.006 min

Lab File: VN088420.D

Acq: 03 Dec 2025 12:11

Instrument :

MSVOA_N

ClientSampleId :

VN1203WBS02

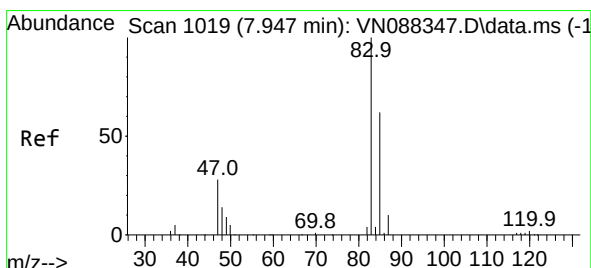
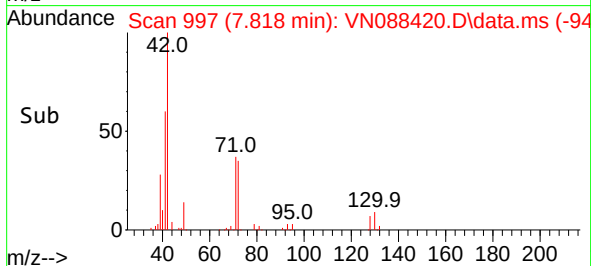
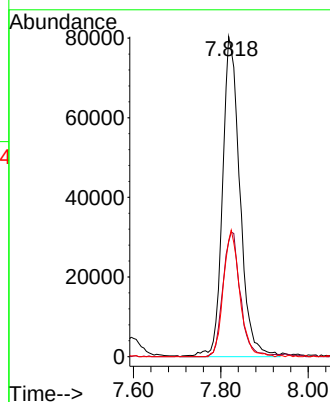
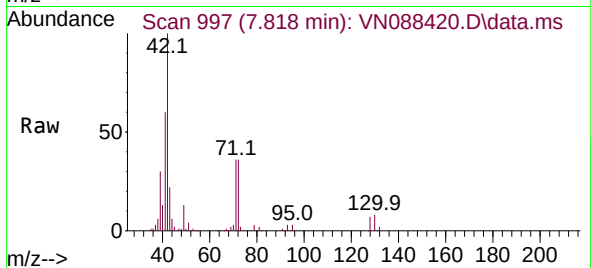
Tgt Ion:	42	Resp:	22195
Ion Ratio	Lower	Upper	
42	100		
72	38.6	32.2	48.4
71	37.4	31.1	46.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2025

Supervised By :Semsettin Yesilyurt 12/04/2025



#30

Chloroform

Concen: 23.802 ug/l

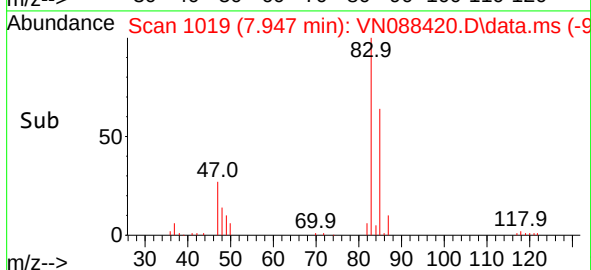
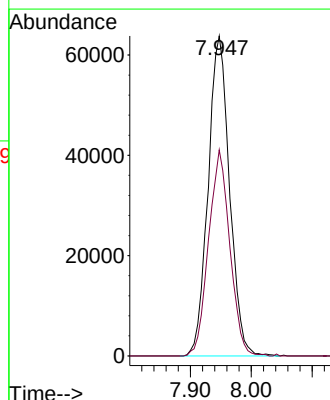
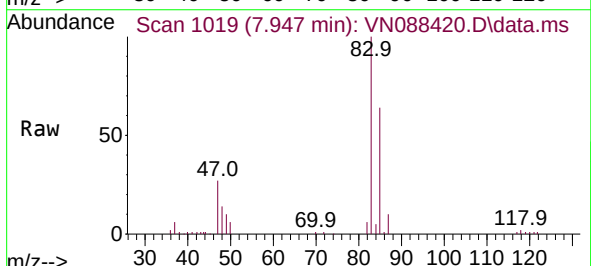
RT: 7.947 min Scan# 1019

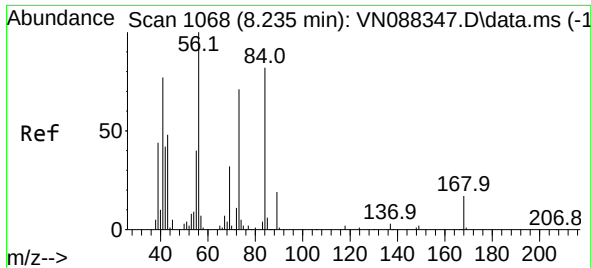
Delta R.T. 0.000 min

Lab File: VN088420.D

Acq: 03 Dec 2025 12:11

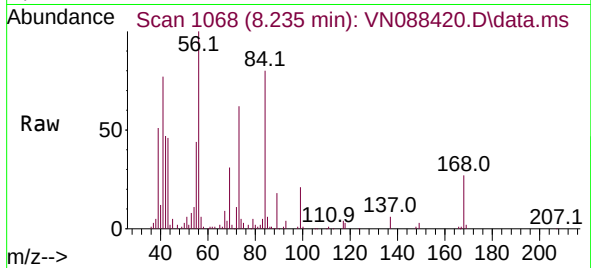
Tgt Ion:	83	Resp:	155883
Ion Ratio	Lower	Upper	
83	100		
85	64.4	49.8	74.8





#31
Cyclohexane
Concen: 22.136 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VN088420.D
Acq: 03 Dec 2025 12:11

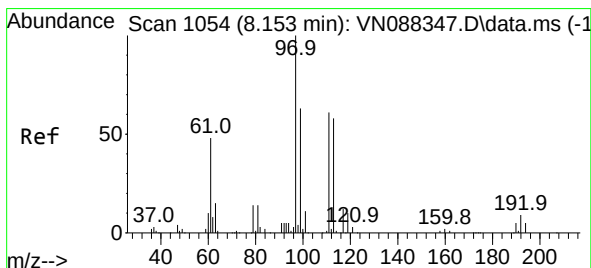
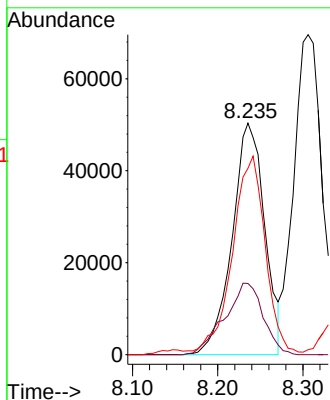
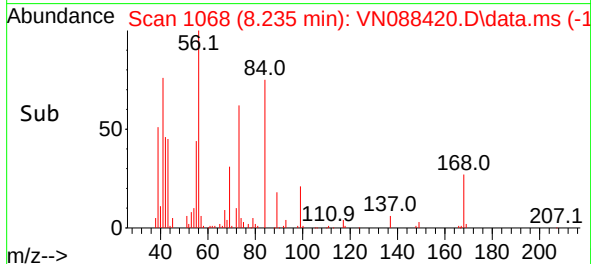
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBS02



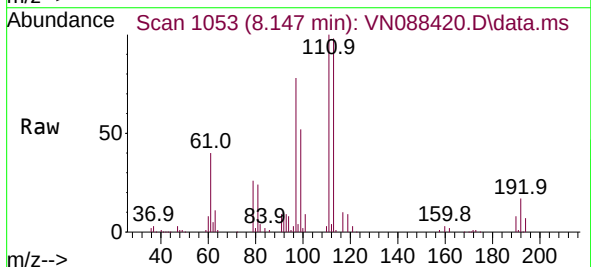
Tgt Ion: 56 Resp: 133701
Ion Ratio Lower Upper
56 100
69 30.7 25.3 37.9
84 78.5 65.4 98.2

Manual Integrations
APPROVED

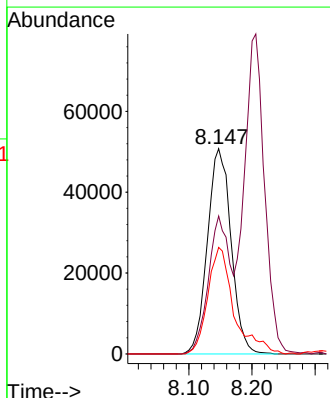
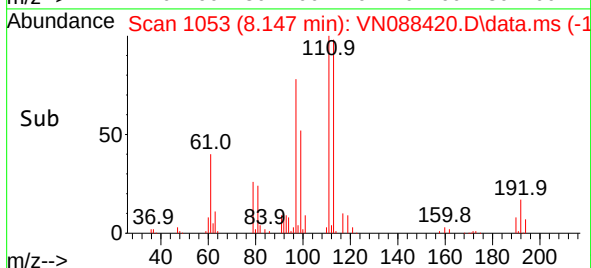
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

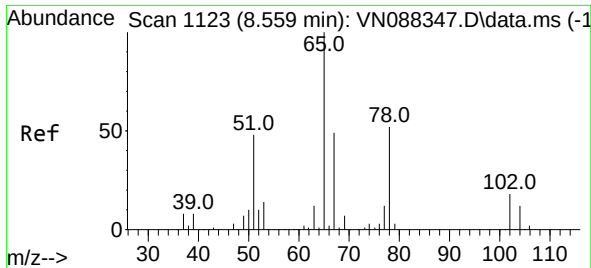


#32
1,1,1-Trichloroethane
Concen: 22.972 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN088420.D
Acq: 03 Dec 2025 12:11



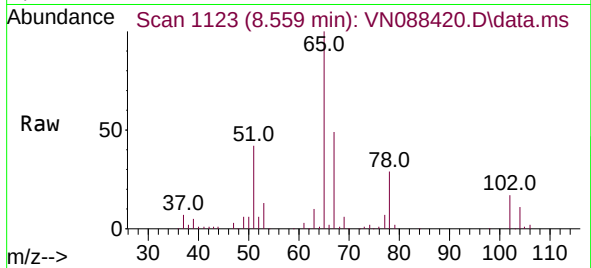
Tgt Ion: 97 Resp: 132281
Ion Ratio Lower Upper
97 100
99 61.1 50.8 76.2
61 57.3 42.2 63.2





#33
1,2-Dichloroethane-d4
Concen: 50.917 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. 0.000 min
Lab File: VN088420.D
Acq: 03 Dec 2025 12:11

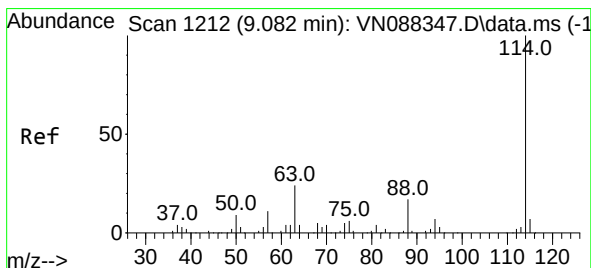
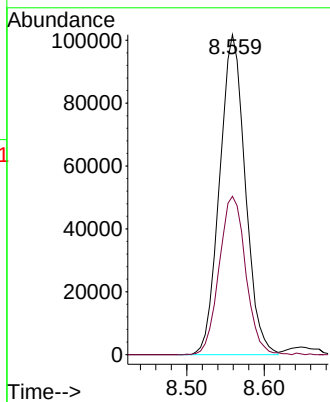
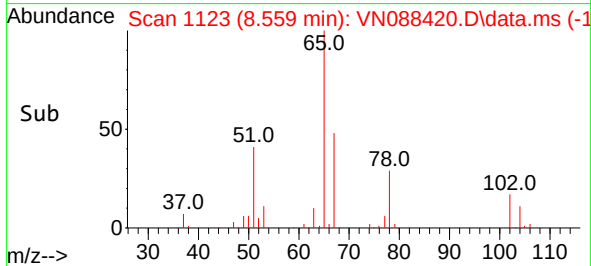
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBS02



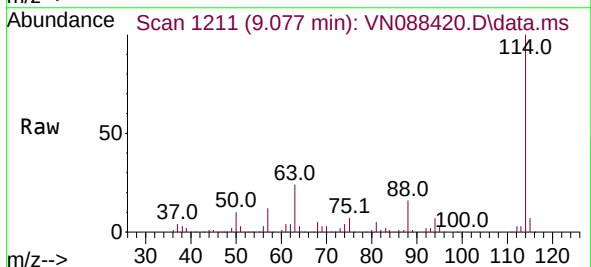
Tgt Ion: 65 Resp: 233836
Ion Ratio Lower Upper
65 100
67 51.2 0.0 100.8

Manual Integrations
APPROVED

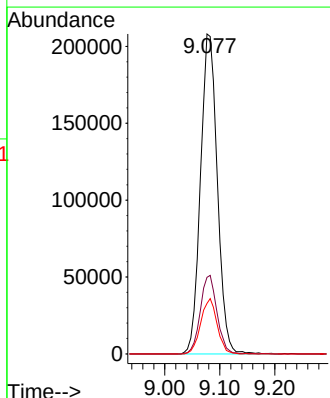
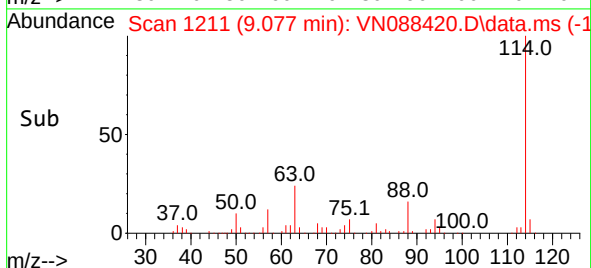
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

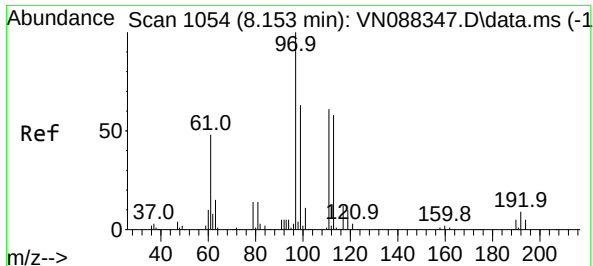


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.077 min Scan# 1211
Delta R.T. -0.006 min
Lab File: VN088420.D
Acq: 03 Dec 2025 12:11



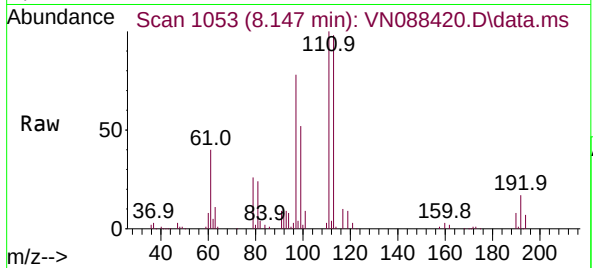
Tgt Ion: 114 Resp: 441855
Ion Ratio Lower Upper
114 100
63 23.9 0.0 49.0
88 15.8 0.0 34.0





#35
Dibromofluoromethane
Concen: 49.479 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN088420.D
Acq: 03 Dec 2025 12:11

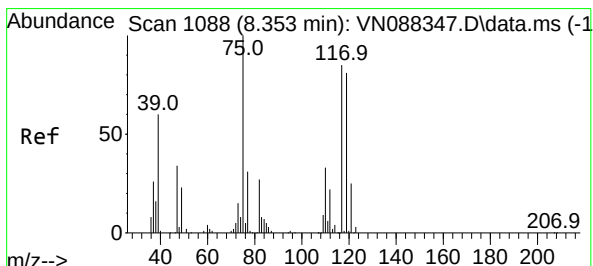
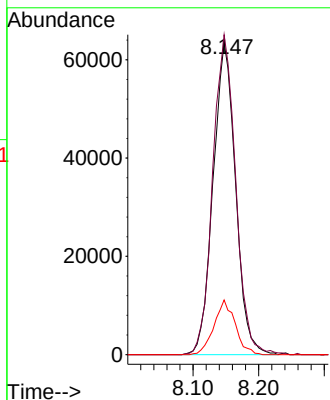
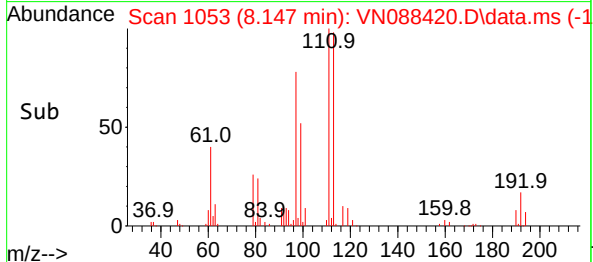
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBS02



Tgt Ion: 113 Resp: 151508
Ion Ratio Lower Upper
113 100
111 104.5 82.5 123.7
192 16.5 12.8 19.2

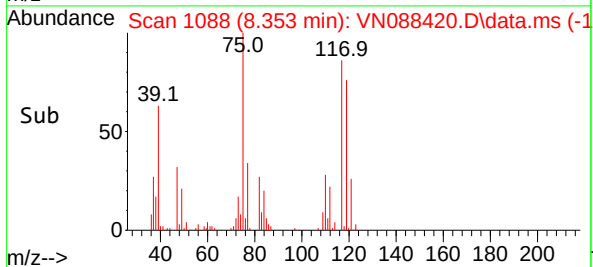
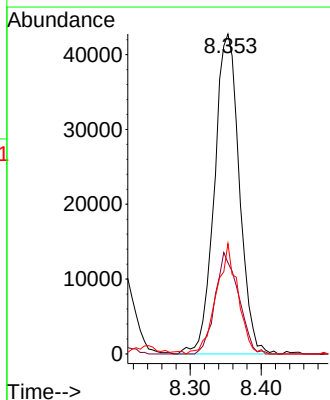
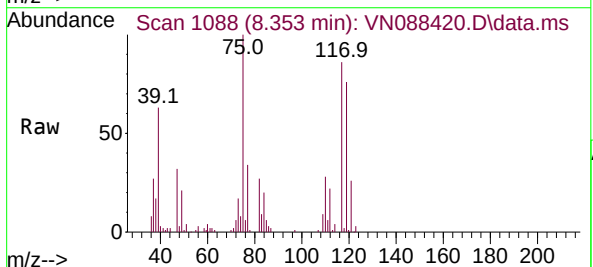
Manual Integrations
APPROVED

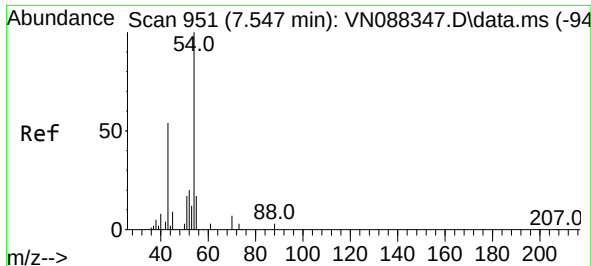
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#36
1,1-Dichloropropene
Concen: 22.068 ug/l
RT: 8.353 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VN088420.D
Acq: 03 Dec 2025 12:11

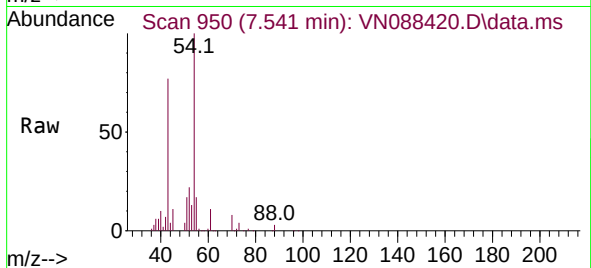
Tgt Ion: 75 Resp: 104286
Ion Ratio Lower Upper
75 100
110 29.9 15.8 47.4
77 29.9 24.2 36.2





#37
Ethyl Acetate
Concen: 21.611 ug/l
RT: 7.541 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN088420.D
Acq: 03 Dec 2025 12:11

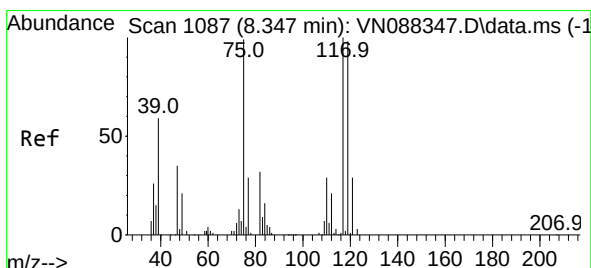
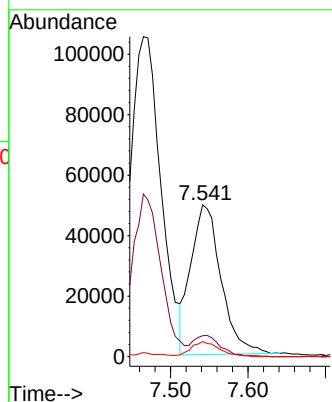
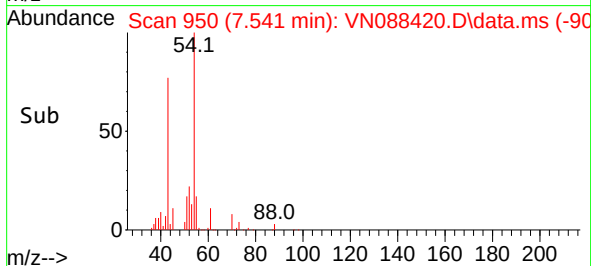
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBS02



Tgt Ion: 43 Resp: 134284
Ion Ratio Lower Upper
43 100
61 13.4 9.5 14.3
70 9.2 7.1 10.7

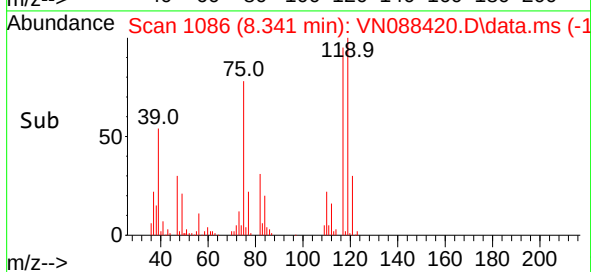
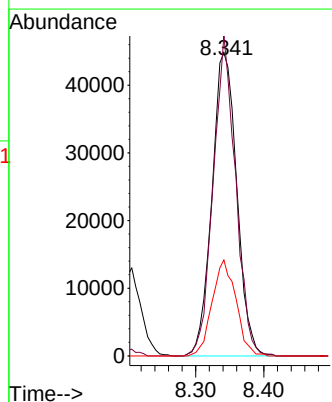
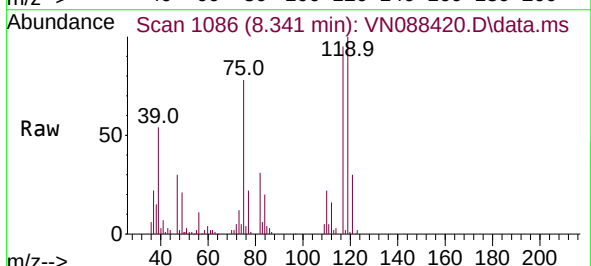
Manual Integrations
APPROVED

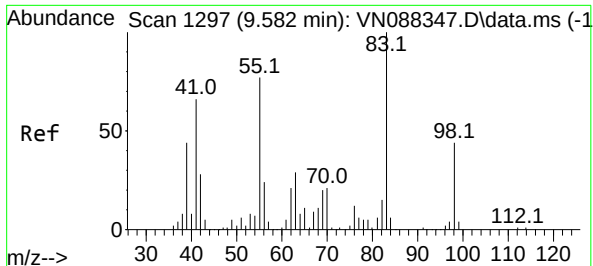
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#38
Carbon Tetrachloride
Concen: 24.012 ug/l
RT: 8.341 min Scan# 1086
Delta R.T. -0.006 min
Lab File: VN088420.D
Acq: 03 Dec 2025 12:11

Tgt Ion:117 Resp: 112964
Ion Ratio Lower Upper
117 100
119 105.5 78.2 117.4
121 31.6 23.4 35.2





#39

Methylcyclohexane

Concen: 21.481 ug/l

RT: 9.577 min Scan# 11296

Delta R.T. -0.006 min

Lab File: VN088420.D

Acq: 03 Dec 2025 12:11

Instrument :

MSVOA_N

ClientSampleId :

VN1203WBS02

Tgt Ion: 83 Resp: 108582

Ion Ratio Lower Upper

83 100

55 83.0 61.6 92.4

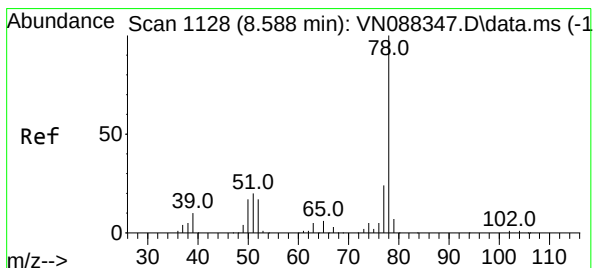
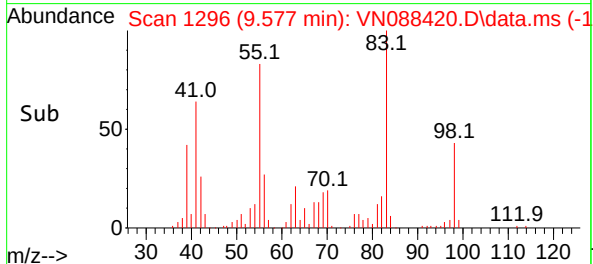
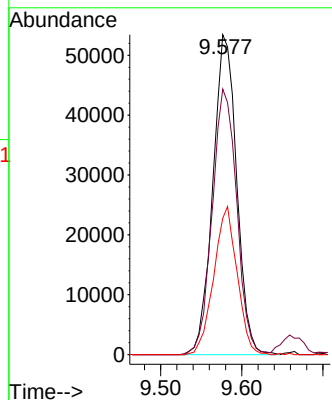
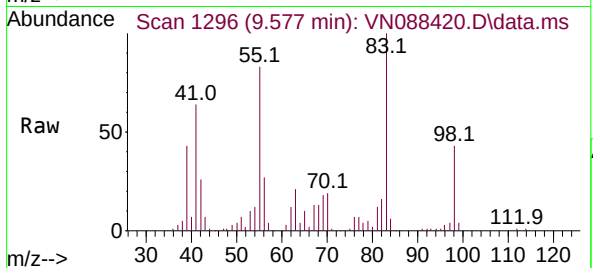
98 42.6 35.3 52.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2025

Supervised By :Semsettin Yesilyurt 12/04/2025



#40

Benzene

Concen: 22.714 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VN088420.D

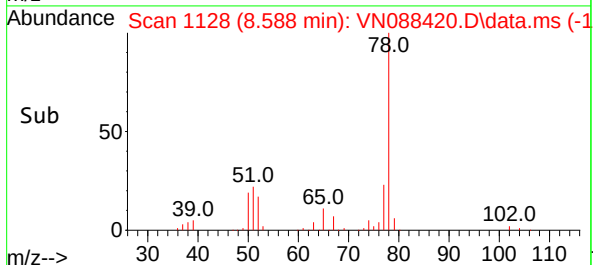
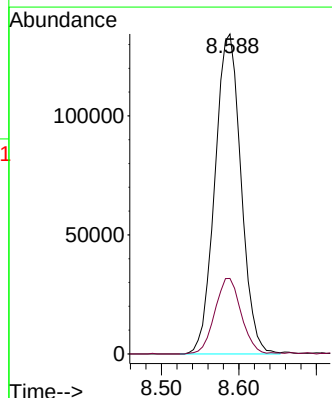
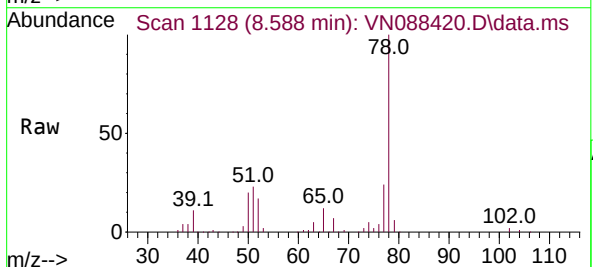
Acq: 03 Dec 2025 12:11

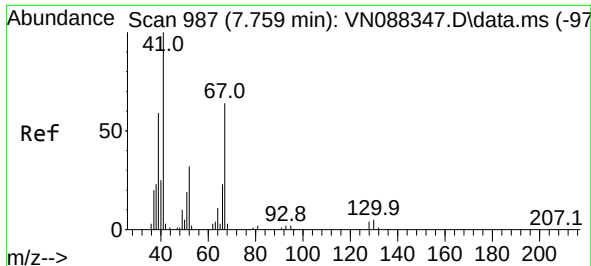
Tgt Ion: 78 Resp: 315045

Ion Ratio Lower Upper

78 100

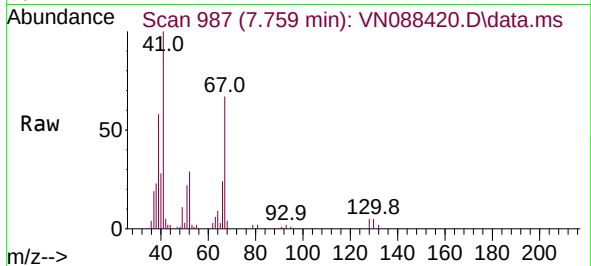
77 23.6 19.0 28.4





#41
Methacrylonitrile
Concen: 23.739 ug/l
RT: 7.759 min Scan# 987
Delta R.T. 0.000 min
Lab File: VN088420.D
Acq: 03 Dec 2025 12:11

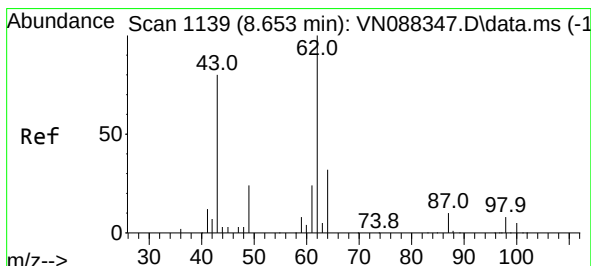
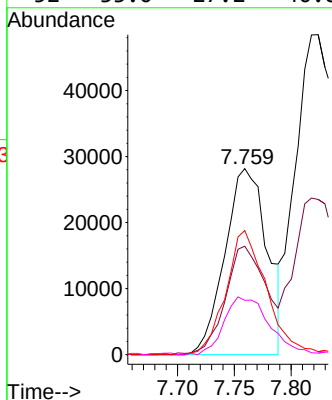
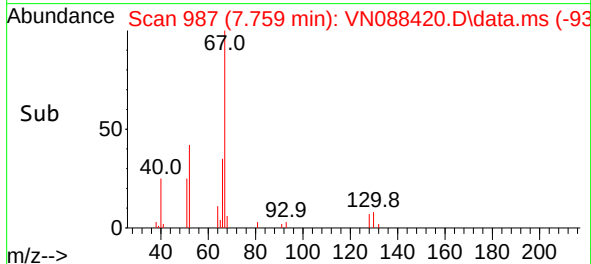
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBS02



Tgt Ion:	41	Resp:	73059
Ion Ratio	100	Lower	Upper
39	56.6	46.3	69.5
67	64.8	54.7	82.1
52	33.0	27.2	40.8

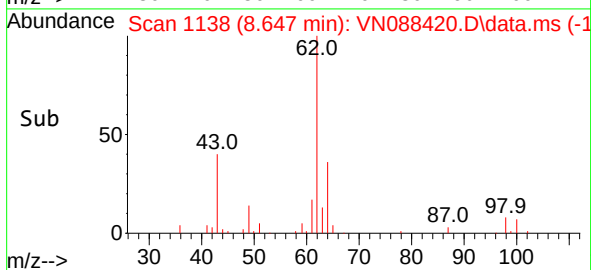
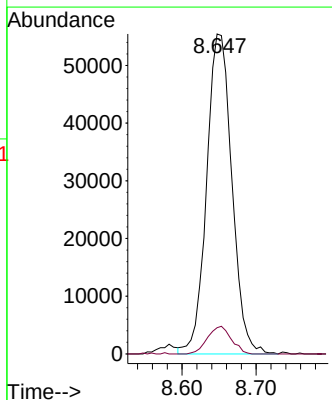
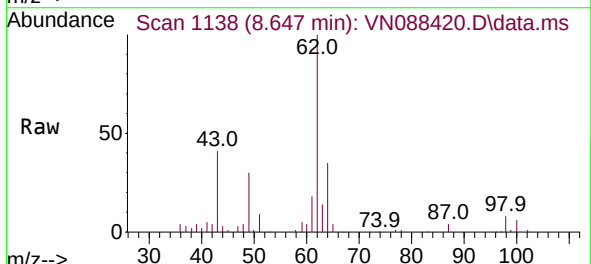
Manual Integrations
APPROVED

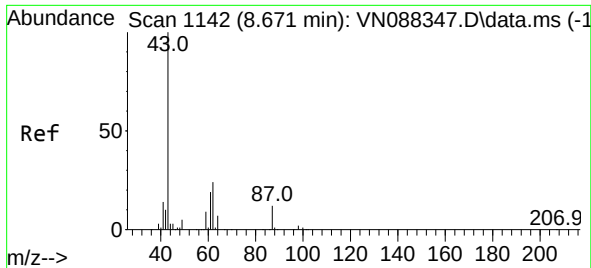
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#42
1,2-Dichloroethane
Concen: 24.825 ug/l
RT: 8.647 min Scan# 1138
Delta R.T. -0.006 min
Lab File: VN088420.D
Acq: 03 Dec 2025 12:11

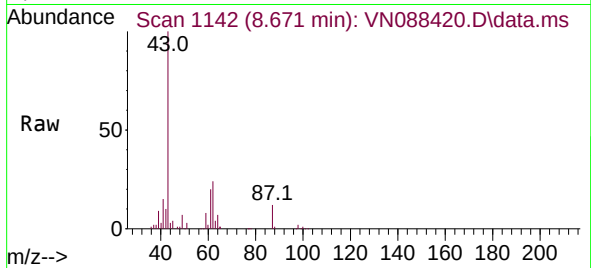
Tgt Ion:	62	Resp:	131369
Ion Ratio	100	Lower	Upper
98	8.1	0.0	16.2





#43
Isopropyl Acetate
Concen: 22.974 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN088420.D
Acq: 03 Dec 2025 12:11

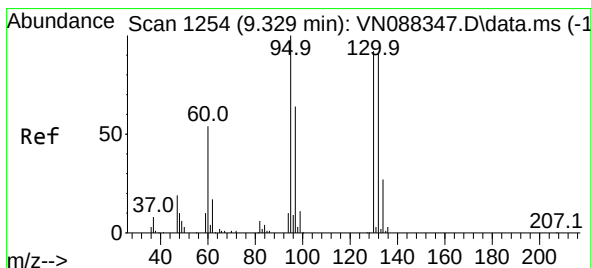
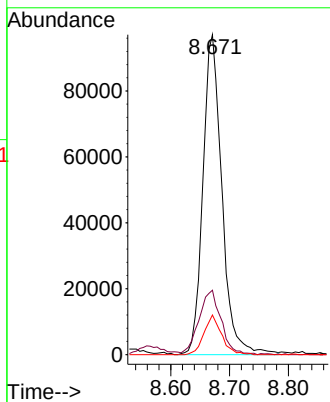
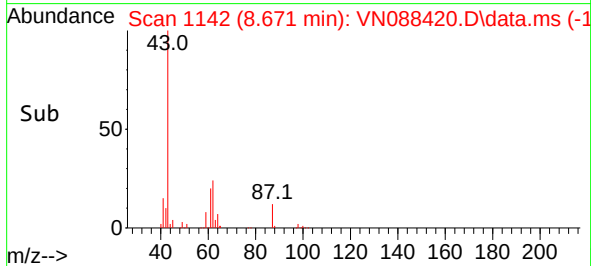
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBS02



Tgt Ion: 43 Resp: 218108
Ion Ratio Lower Upper
43 100
61 23.4 18.7 28.1
87 11.4 9.1 13.7

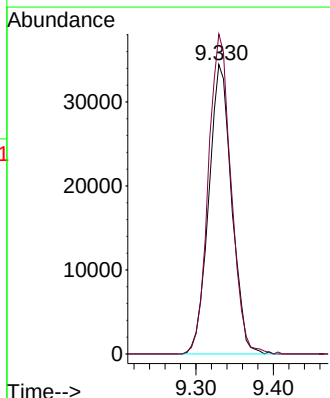
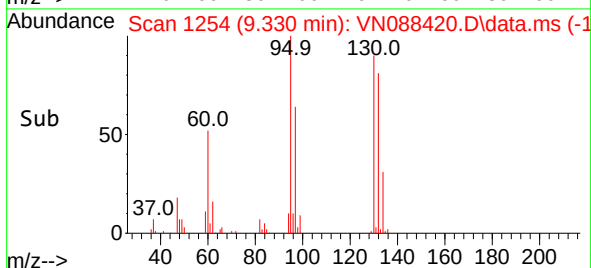
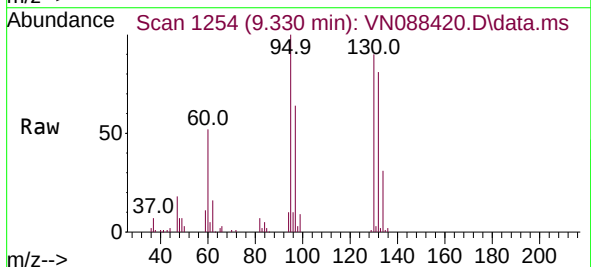
Manual Integrations
APPROVED

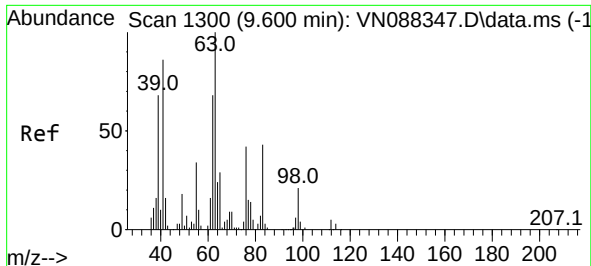
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#44
Trichloroethene
Concen: 21.662 ug/l
RT: 9.330 min Scan# 1254
Delta R.T. 0.000 min
Lab File: VN088420.D
Acq: 03 Dec 2025 12:11

Tgt Ion:130 Resp: 70993
Ion Ratio Lower Upper
130 100
95 110.6 0.0 217.0





#45

1,2-Dichloropropane

Concen: 23.446 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN088420.D

Acq: 03 Dec 2025 12:11

Instrument :

MSVOA_N

ClientSampleId :

VN1203WBS02

Tgt Ion: 63 Resp: 8331

Ion Ratio Lower Upper

63 100

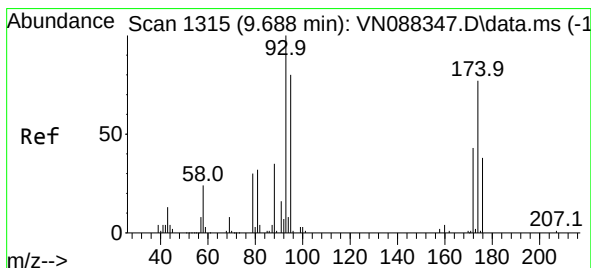
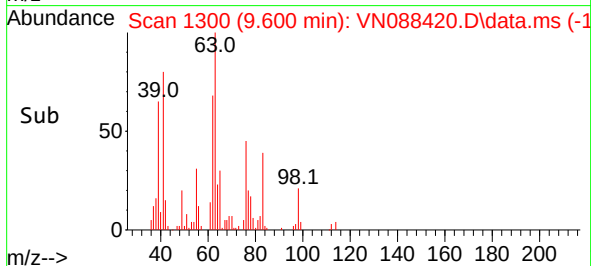
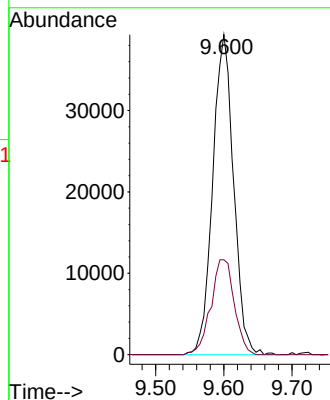
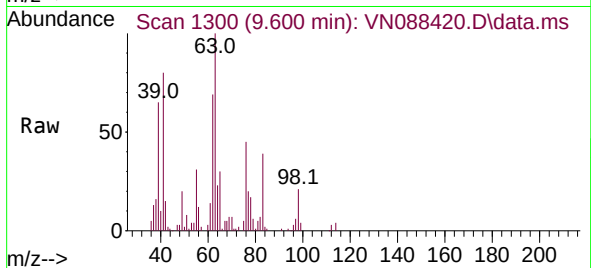
65 29.6 23.0 34.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2025

Supervised By :Semsettin Yesilyurt 12/04/2025



#46

Dibromomethane

Concen: 24.078 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. 0.000 min

Lab File: VN088420.D

Acq: 03 Dec 2025 12:11

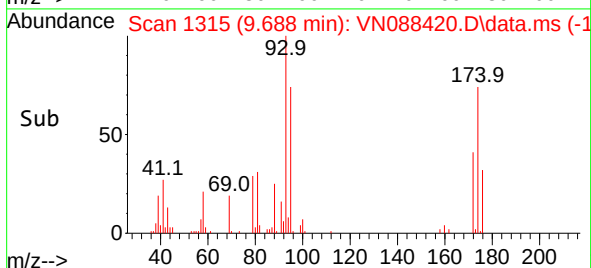
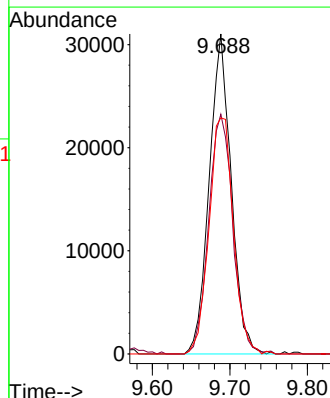
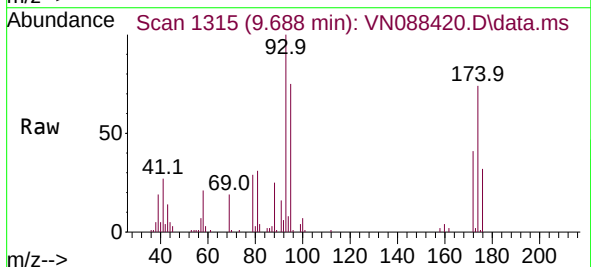
Tgt Ion: 93 Resp: 61063

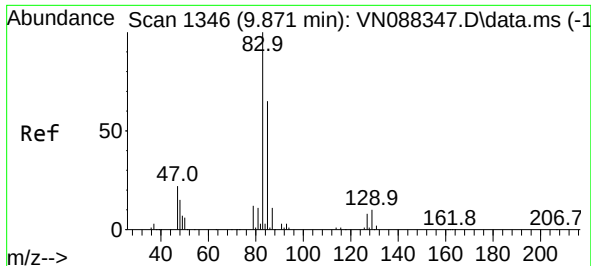
Ion Ratio Lower Upper

93 100

95 82.2 65.8 98.6

174 82.1 64.3 96.5





#47

Bromodichloromethane

Concen: 23.741 ug/l

RT: 9.865 min Scan# 1346

Delta R.T. -0.006 min

Lab File: VN088420.D

Acq: 03 Dec 2025 12:11

Instrument :

MSVOA_N

ClientSampleId :

VN1203WBS02

Tgt Ion: 83 Resp: 122848

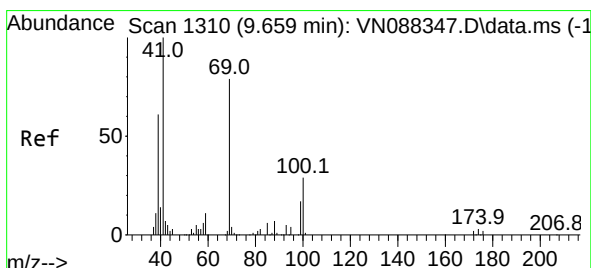
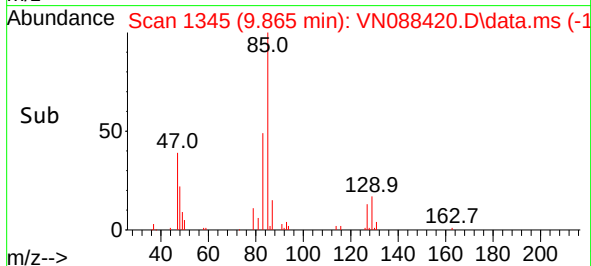
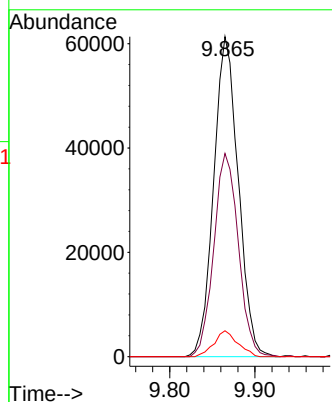
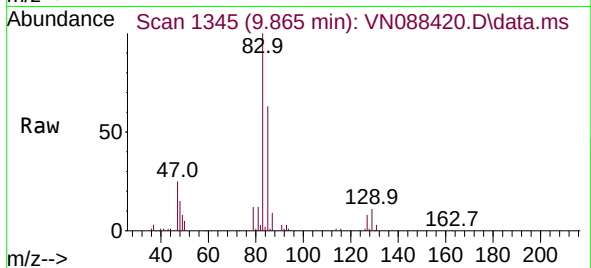
Ion	Ratio	Lower	Upper
83	100		
85	63.5	51.9	77.9
127	8.1	6.3	9.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2025

Supervised By :Semsettin Yesilyurt 12/04/2025



#48

Methyl methacrylate

Concen: 23.008 ug/l

RT: 9.659 min Scan# 1310

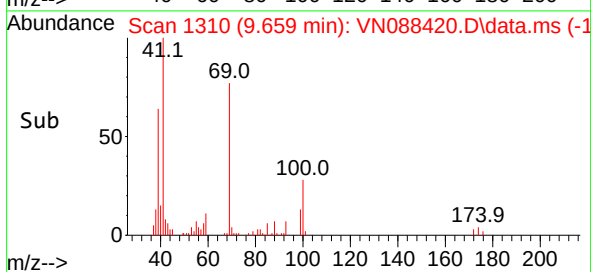
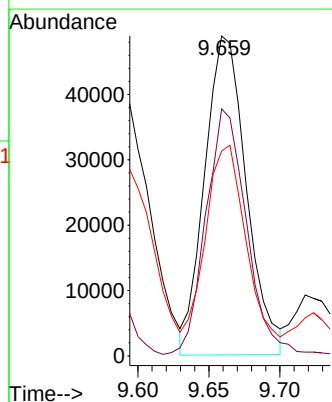
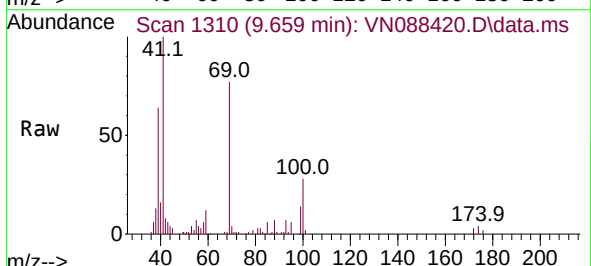
Delta R.T. 0.000 min

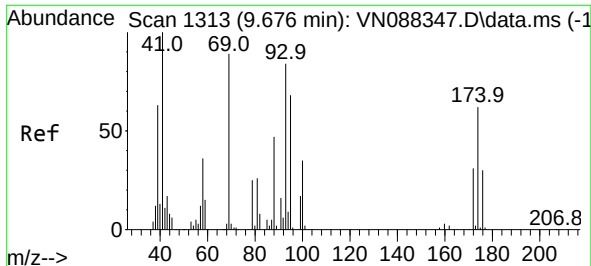
Lab File: VN088420.D

Acq: 03 Dec 2025 12:11

Tgt Ion: 41 Resp: 99664

Ion	Ratio	Lower	Upper
41	100		
69	75.1	62.4	93.6
39	66.3	52.6	79.0





#49

1,4-Dioxane

Concen: 429.402 ug/l

RT: 9.682 min Scan# 1313

Delta R.T. 0.006 min

Lab File: VN088420.D

Acq: 03 Dec 2025 12:11

Instrument :

MSVOA_N

ClientSampleId :

VN1203WBS02

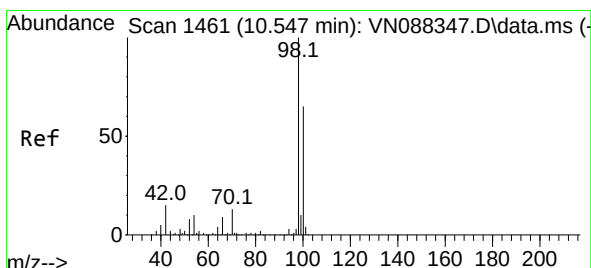
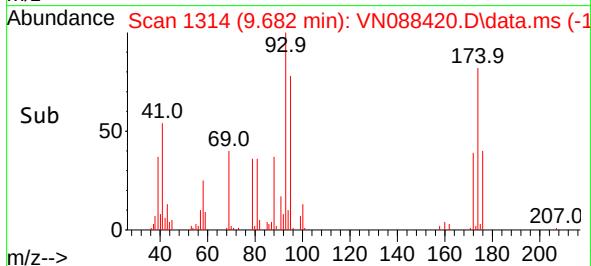
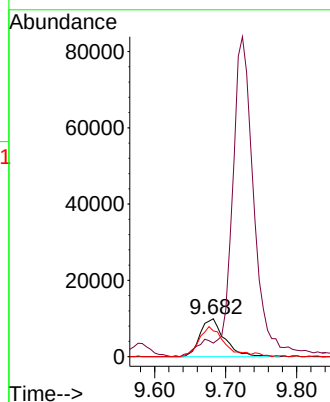
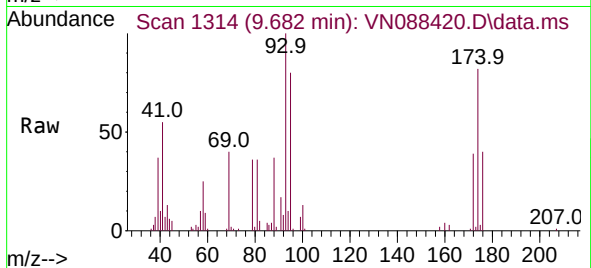
Tgt Ion:	88	Resp:	2365
Ion Ratio	Lower	Upper	
88	100		
43	32.4	0.0	0.0
58	83.8	62.0	93.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2025

Supervised By :Semsettin Yesilyurt 12/04/2025



#50

Toluene-d8

Concen: 48.782 ug/l

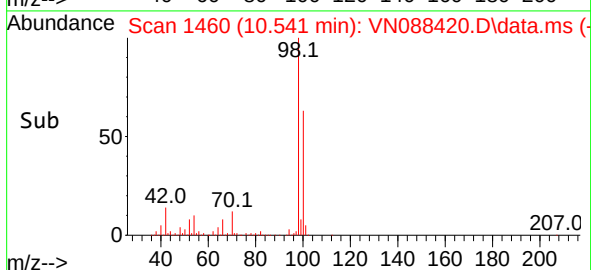
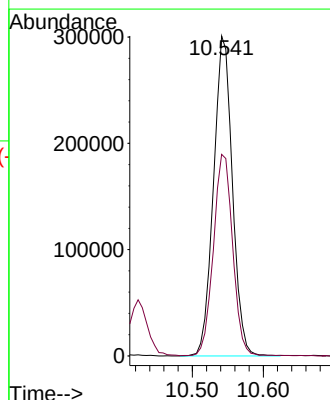
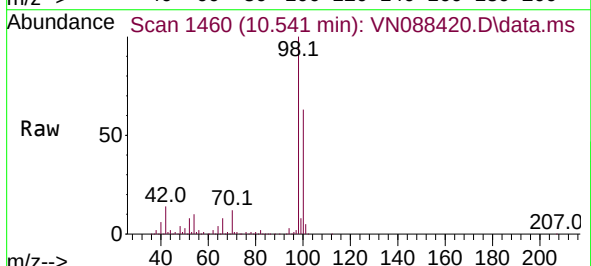
RT: 10.541 min Scan# 1460

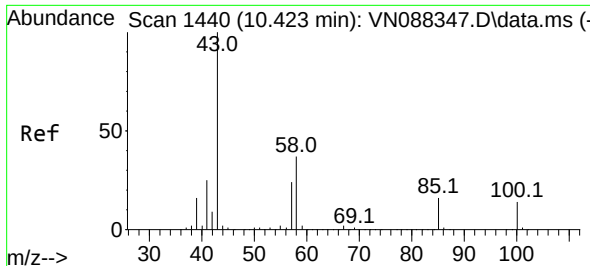
Delta R.T. -0.006 min

Lab File: VN088420.D

Acq: 03 Dec 2025 12:11

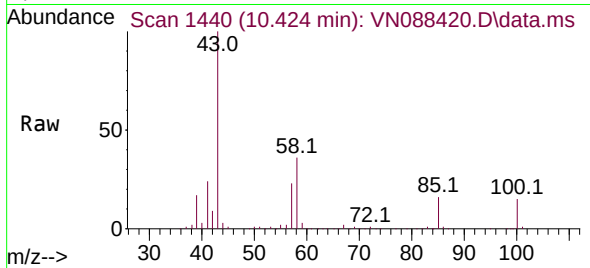
Tgt Ion:	98	Resp:	555777
Ion Ratio	Lower	Upper	
98	100		
100	64.0	52.2	78.2





#51
4-Methyl-2-Pentanone
Concen: 121.427 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. 0.000 min
Lab File: VN088420.D
Acq: 03 Dec 2025 12:11

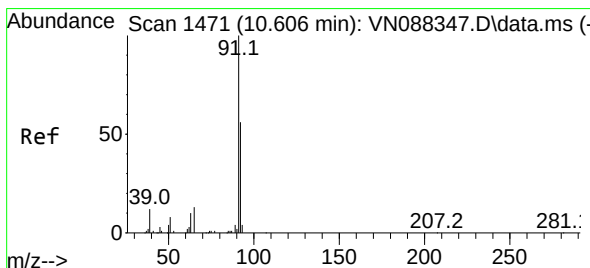
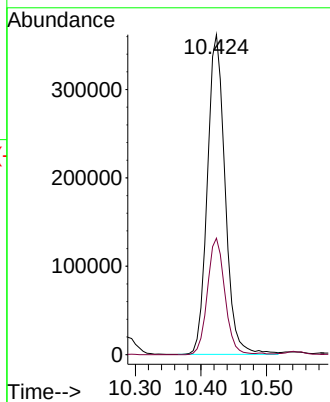
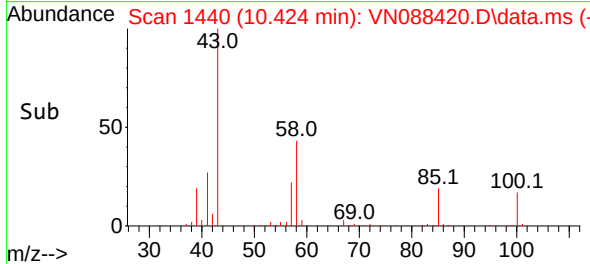
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBS02



Tgt Ion: 43 Resp: 679502
Ion Ratio Lower Upper
43 100
58 35.7 29.1 43.7

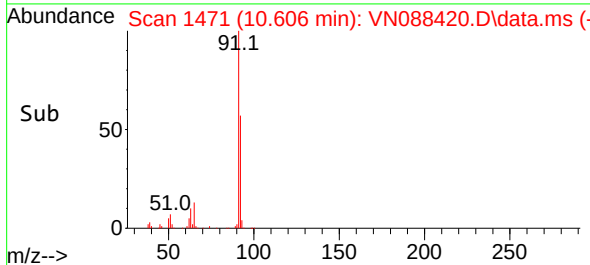
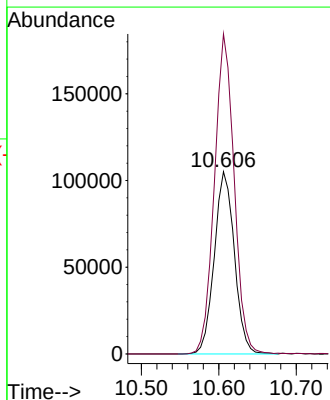
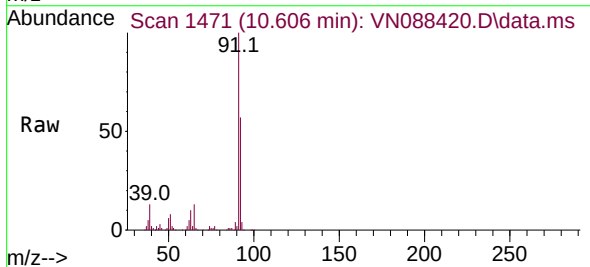
Manual Integrations
APPROVED

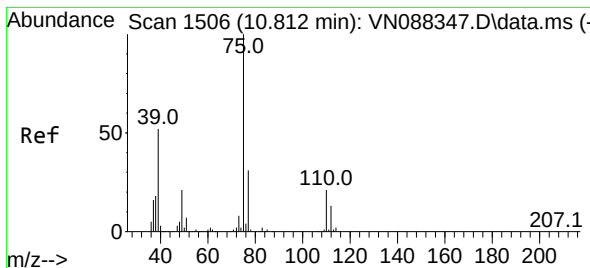
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#52
Toluene
Concen: 23.631 ug/l
RT: 10.606 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VN088420.D
Acq: 03 Dec 2025 12:11

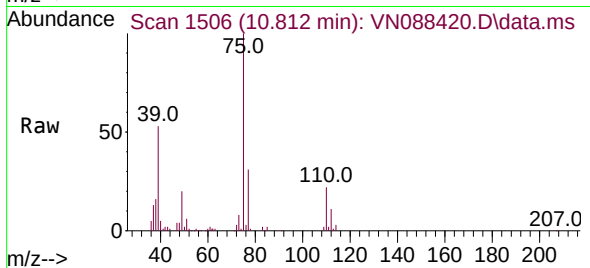
Tgt Ion: 92 Resp: 189259
Ion Ratio Lower Upper
92 100
91 172.8 140.2 210.2





#53
t-1,3-Dichloropropene
Concen: 23.435 ug/l
RT: 10.812 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN088420.D
Acq: 03 Dec 2025 12:11

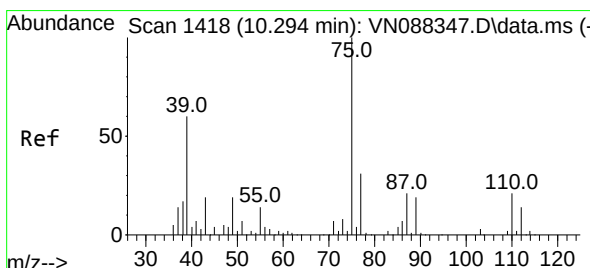
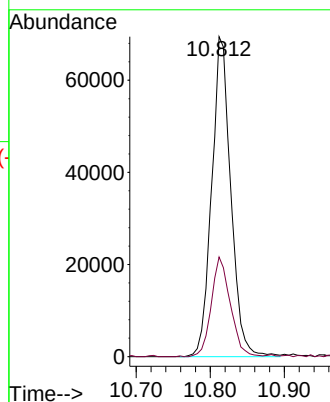
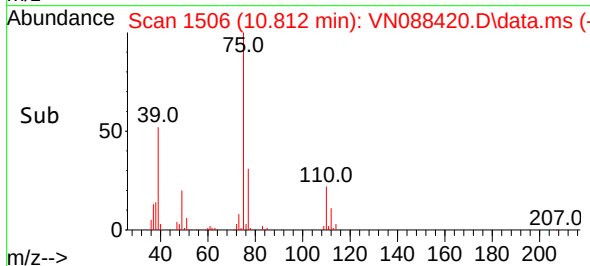
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBS02



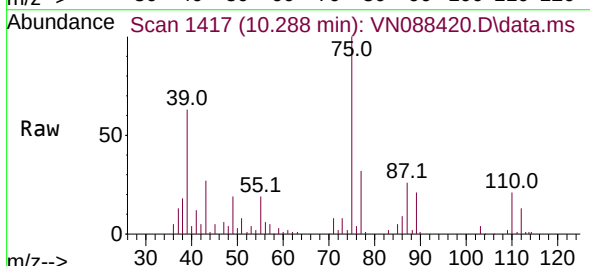
Tgt Ion: 75 Resp: 124472
Ion Ratio Lower Upper
75 100
77 30.9 24.8 37.2

Manual Integrations
APPROVED

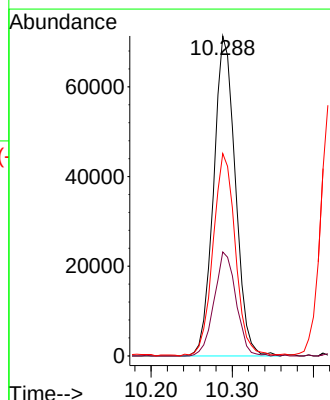
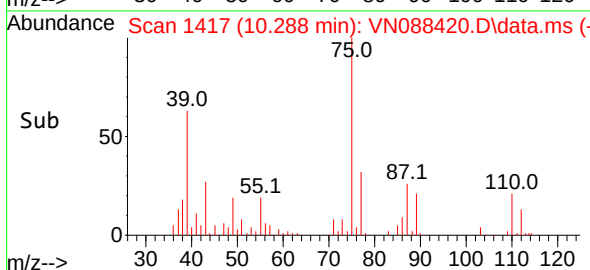
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

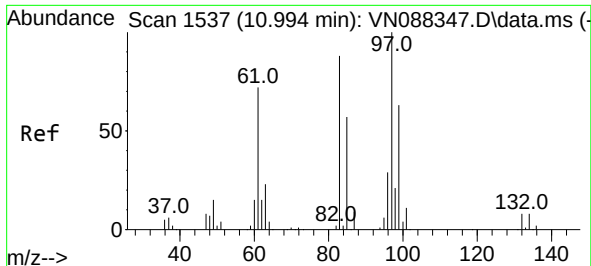


#54
cis-1,3-Dichloropropene
Concen: 23.757 ug/l
RT: 10.288 min Scan# 1417
Delta R.T. -0.006 min
Lab File: VN088420.D
Acq: 03 Dec 2025 12:11



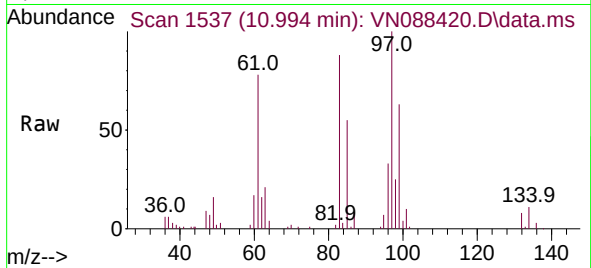
Tgt Ion: 75 Resp: 132698
Ion Ratio Lower Upper
75 100
77 32.5 24.5 36.7
39 63.2 48.3 72.5





#55
1,1,2-Trichloroethane
Concen: 24.220 ug/l
RT: 10.994 min Scan# 1537
Delta R.T. 0.000 min
Lab File: VN088420.D
Acq: 03 Dec 2025 12:11

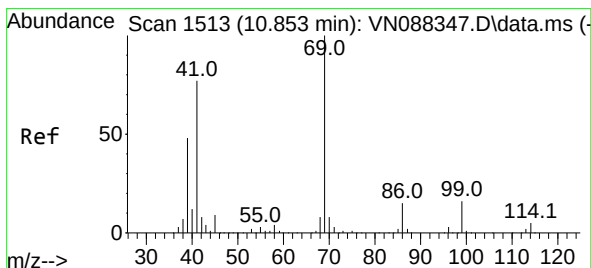
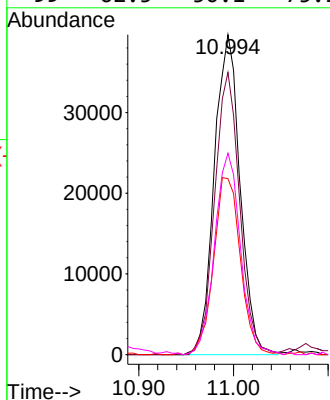
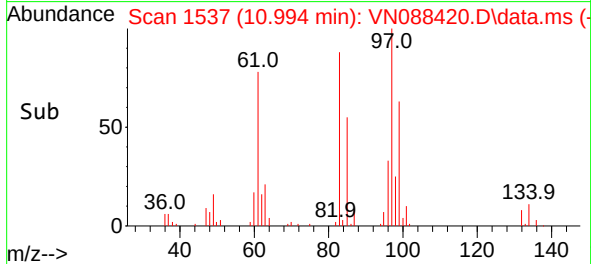
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBS02



Tgt Ion:	97	Resp:	7504
Ion Ratio	Lower	Upper	
97	100		
83	88.2	70.4	105.6
85	54.5	45.4	68.2
99	62.5	50.1	75.1

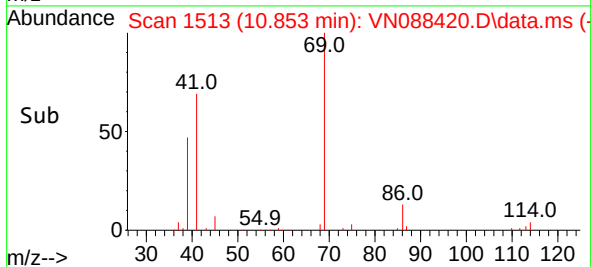
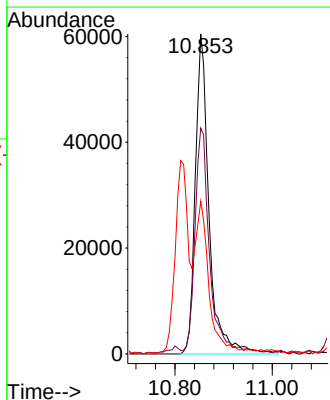
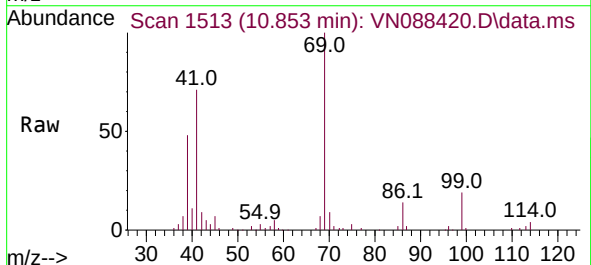
Manual Integrations
APPROVED

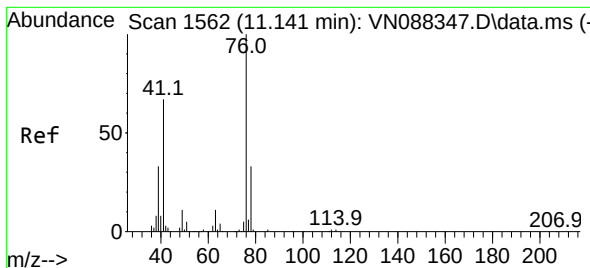
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#56
Ethyl methacrylate
Concen: 24.153 ug/l
RT: 10.853 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VN088420.D
Acq: 03 Dec 2025 12:11

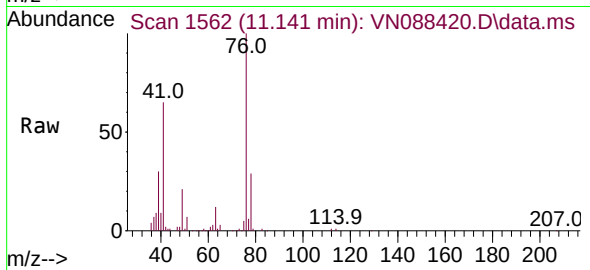
Tgt Ion:	69	Resp:	118218
Ion Ratio	Lower	Upper	
69	100		
41	71.5	59.6	89.4
39	43.7	36.4	54.6





#57
1,3-Dichloropropane
Concen: 23.973 ug/l
RT: 11.141 min Scan# 1562
Delta R.T. 0.000 min
Lab File: VN088420.D
Acq: 03 Dec 2025 12:11

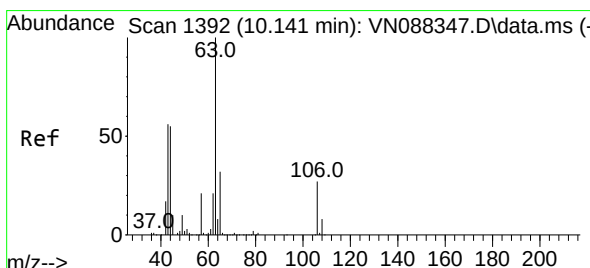
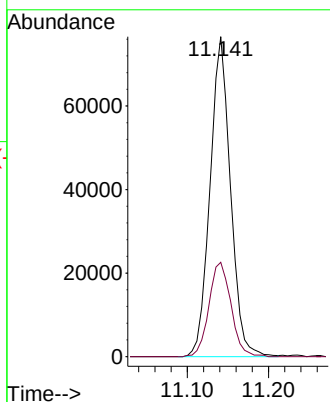
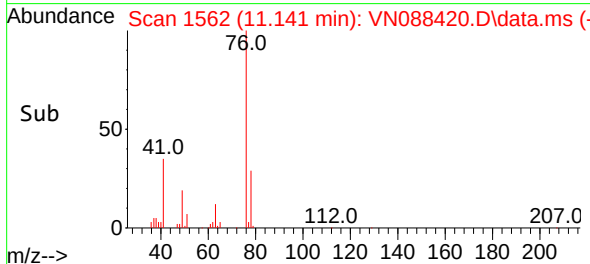
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBS02



Tgt Ion: 76 Resp: 134010
Ion Ratio Lower Upper
76 100
78 31.7 26.2 39.4

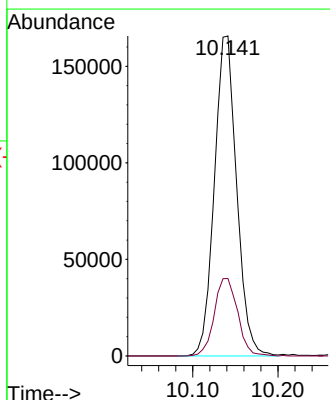
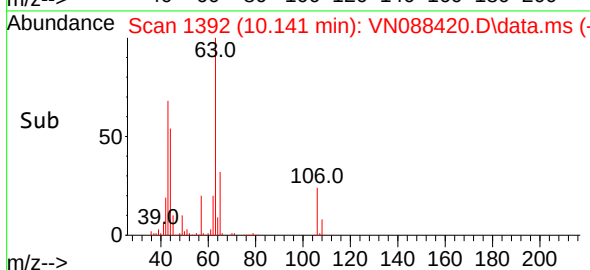
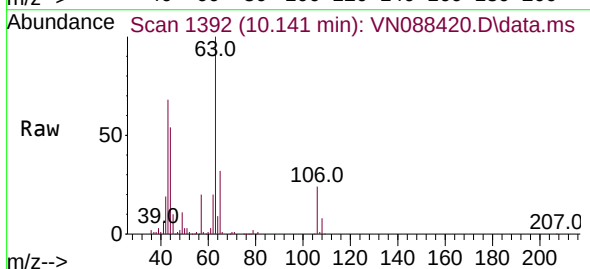
Manual Integrations
APPROVED

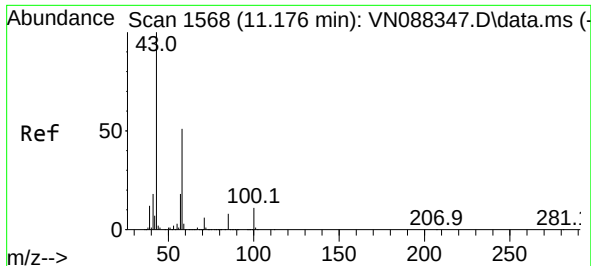
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#58
2-Chloroethyl Vinyl ether
Concen: 106.744 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VN088420.D
Acq: 03 Dec 2025 12:11

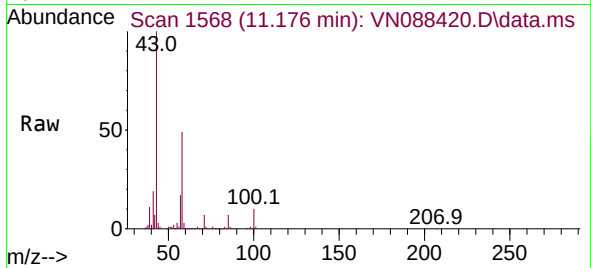
Tgt Ion: 63 Resp: 301210
Ion Ratio Lower Upper
63 100
106 25.3 20.5 30.7





#59
2-Hexanone
Concen: 115.510 ug/l
RT: 11.176 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VN088420.D
Acq: 03 Dec 2025 12:11

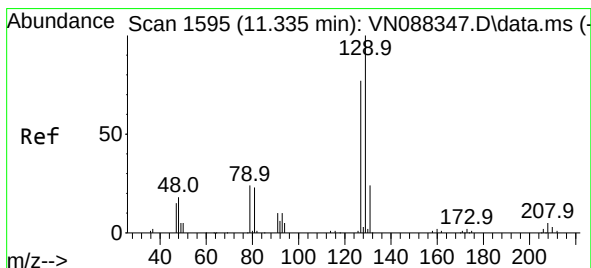
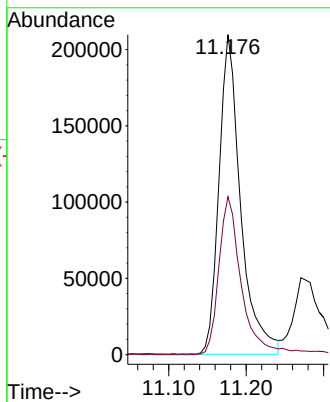
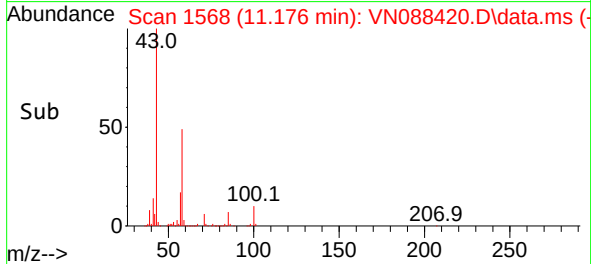
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBS02



Tgt Ion: 43 Resp: 407196
Ion Ratio Lower Upper
43 100
58 52.6 25.3 75.9

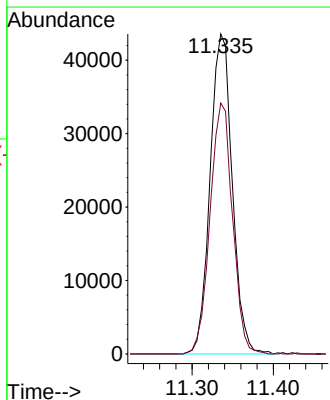
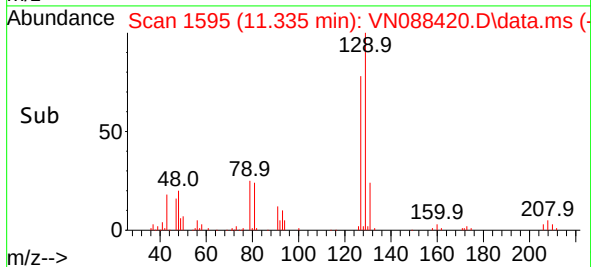
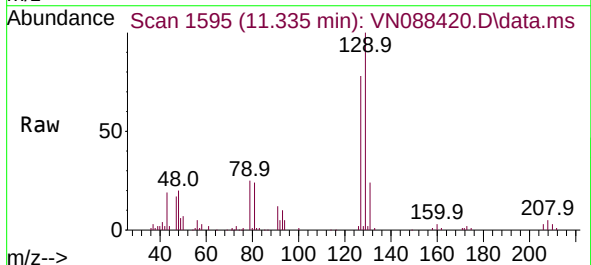
Manual Integrations
APPROVED

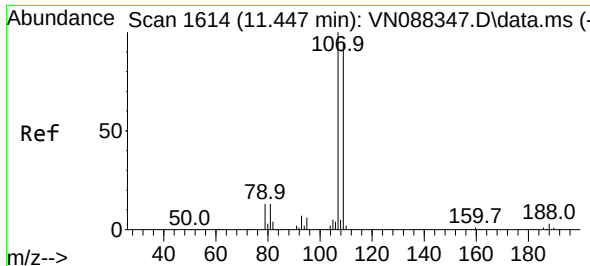
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#60
Dibromochloromethane
Concen: 23.383 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VN088420.D
Acq: 03 Dec 2025 12:11

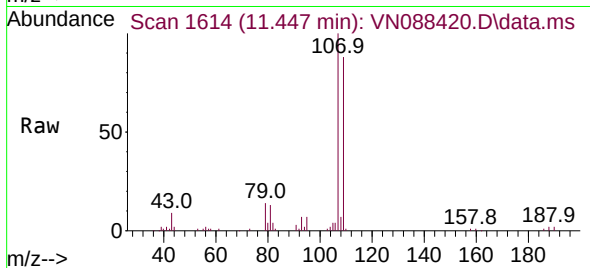
Tgt Ion:129 Resp: 82597
Ion Ratio Lower Upper
129 100
127 79.5 38.2 114.6





#61
1,2-Dibromoethane
Concen: 24.099 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VN088420.D
Acq: 03 Dec 2025 12:11

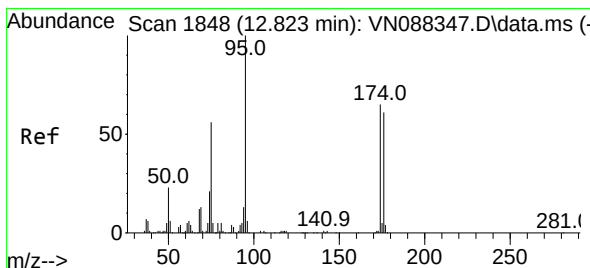
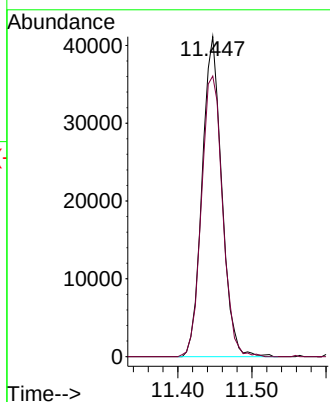
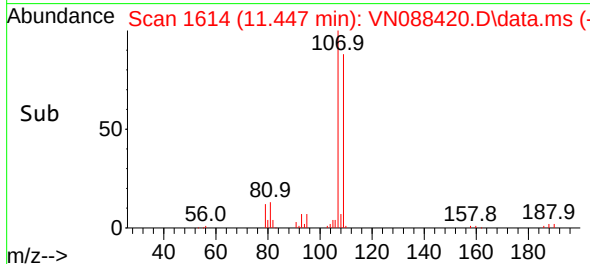
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBS02



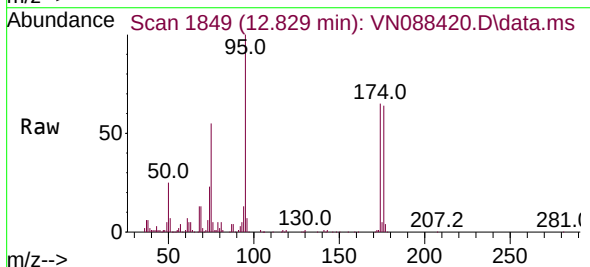
Tgt Ion:107 Resp: 75617
Ion Ratio Lower Upper
107 100
109 94.4 74.6 112.0

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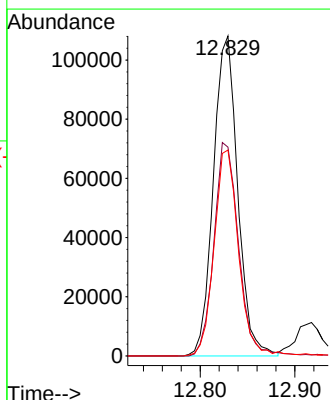
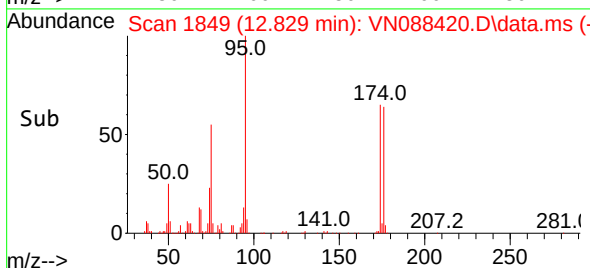
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

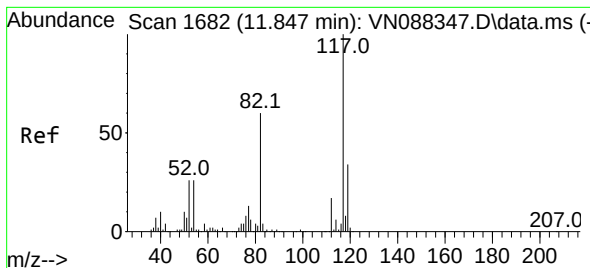


#62
4-Bromofluorobenzene
Concen: 49.397 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN088420.D
Acq: 03 Dec 2025 12:11



Tgt Ion: 95 Resp: 193103
Ion Ratio Lower Upper
95 100
174 67.6 0.0 139.0
176 64.6 0.0 132.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.841 min Scan# 1682

Delta R.T. -0.006 min

Lab File: VN088420.D

Acq: 03 Dec 2025 12:11

Instrument :

MSVOA_N

ClientSampleId :

VN1203WBS02

Tgt Ion:117 Resp: 396926

Ion Ratio Lower Upper

117 100

82 63.9 47.8 71.8

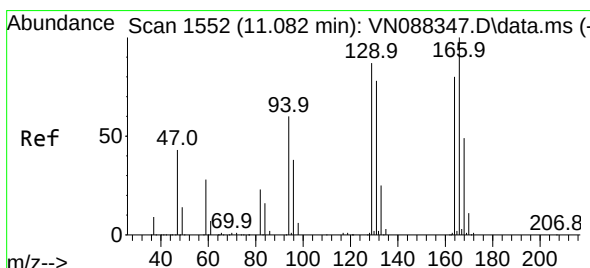
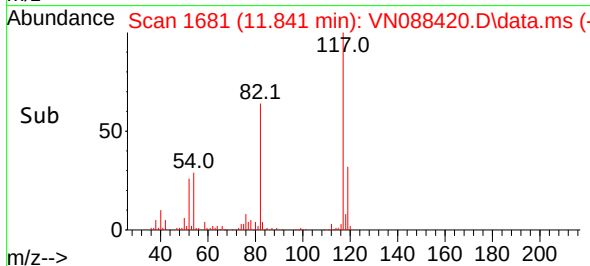
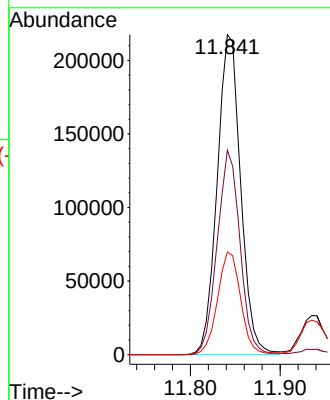
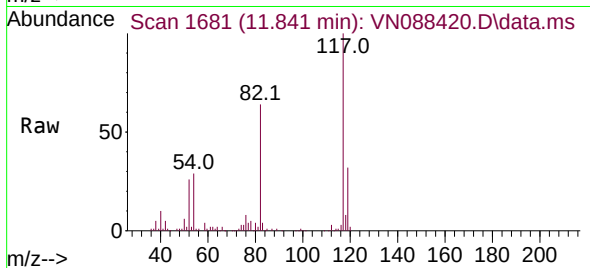
119 32.1 26.9 40.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2025

Supervised By :Semsettin Yesilyurt 12/04/2025



#64

Tetrachloroethene

Concen: 20.300 ug/l

RT: 11.076 min Scan# 1551

Delta R.T. -0.006 min

Lab File: VN088420.D

Acq: 03 Dec 2025 12:11

Tgt Ion:164 Resp: 63879

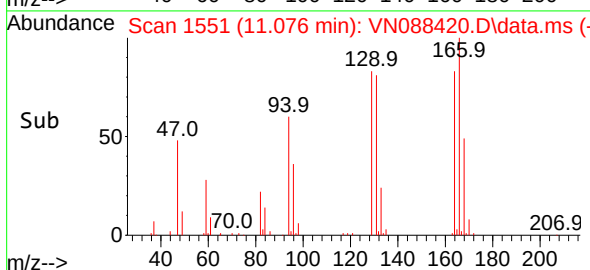
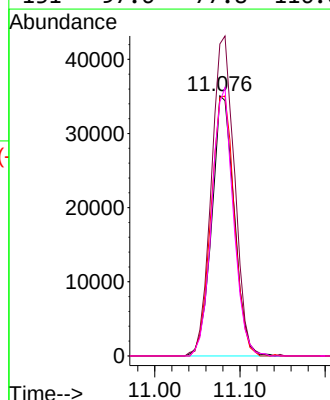
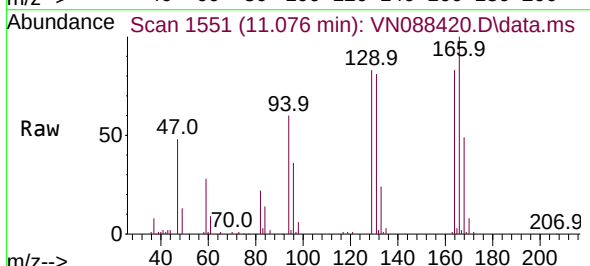
Ion Ratio Lower Upper

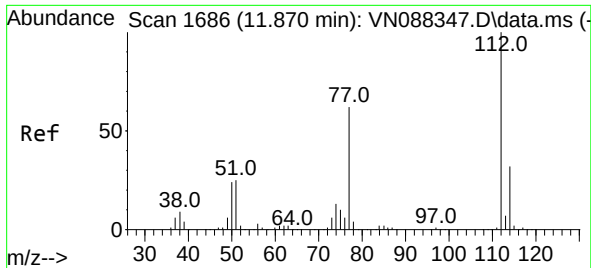
164 100

166 119.9 99.6 149.4

129 99.4 86.6 129.8

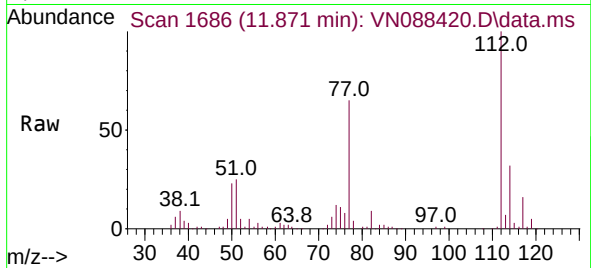
131 97.6 77.8 116.6





#65
Chlorobenzene
Concen: 22.275 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN088420.D
Acq: 03 Dec 2025 12:11

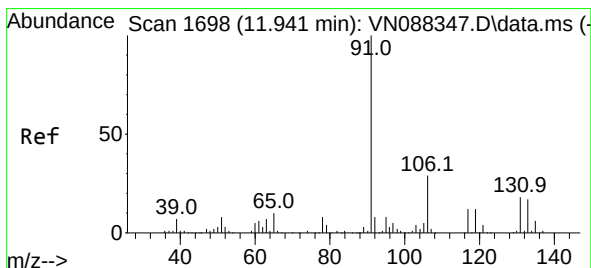
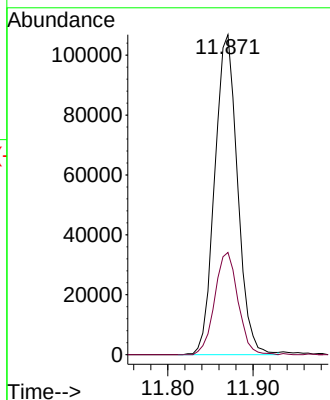
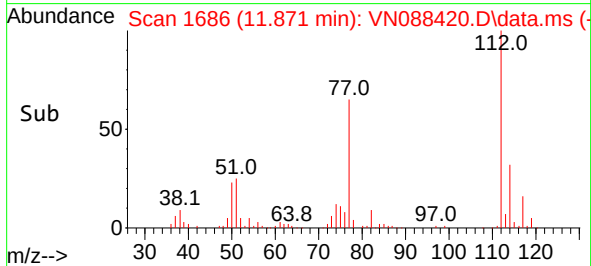
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBS02



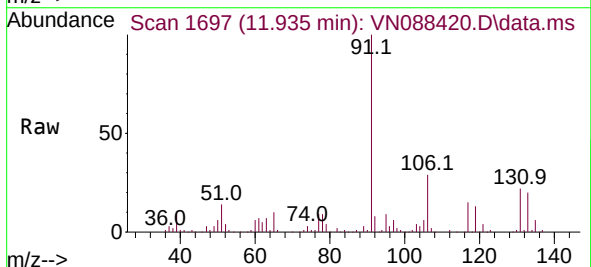
Tgt Ion:112 Resp: 198596
Ion Ratio Lower Upper
112 100
114 31.9 25.4 38.2

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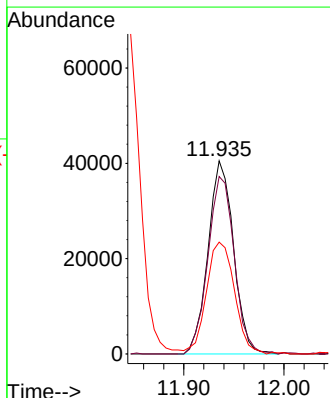
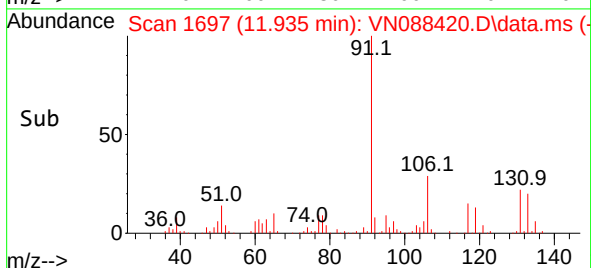
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

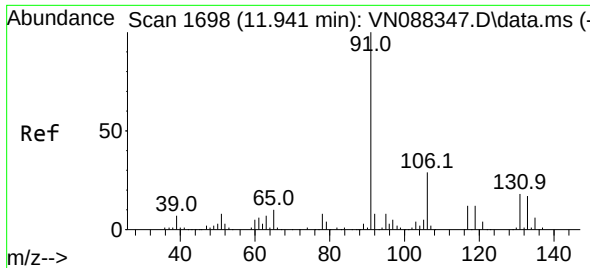


#66
1,1,1,2-Tetrachloroethane
Concen: 23.768 ug/l
RT: 11.935 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VN088420.D
Acq: 03 Dec 2025 12:11



Tgt Ion:131 Resp: 71471
Ion Ratio Lower Upper
131 100
133 95.2 47.4 142.2
119 62.7 33.4 100.1





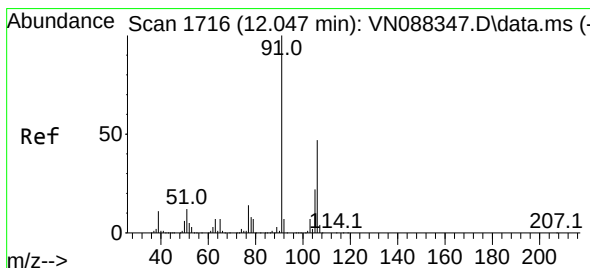
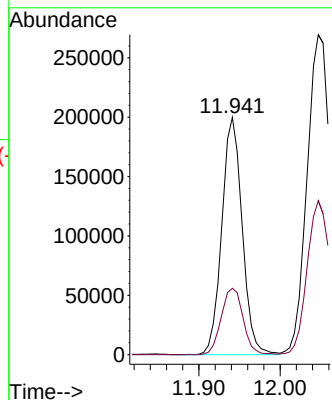
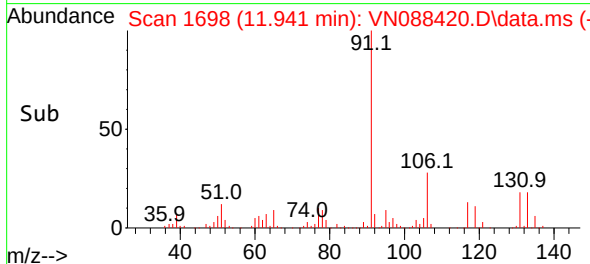
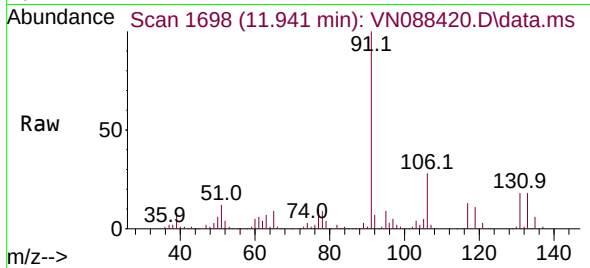
#67
Ethyl Benzene
Concen: 22.342 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN088420.D
Acq: 03 Dec 2025 12:11

Instrument :
MSVOA_N
ClientSampleId :
VN1203WBS02

Tgt Ion: 91 Resp: 348145
Ion Ratio Lower Upper
91 100
106 28.0 23.6 35.4

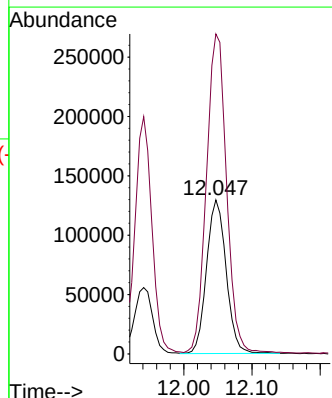
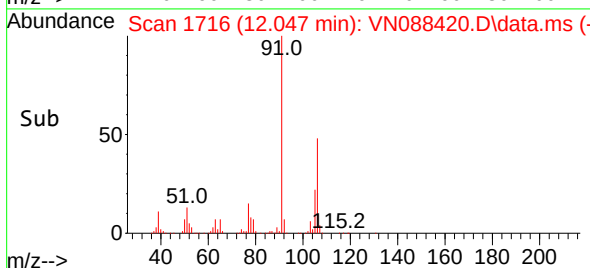
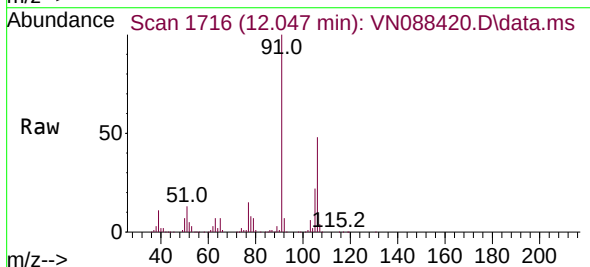
Manual Integrations
APPROVED

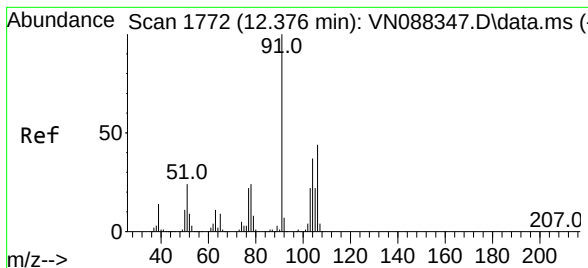
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#68
m/p-Xylenes
Concen: 44.821 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VN088420.D
Acq: 03 Dec 2025 12:11

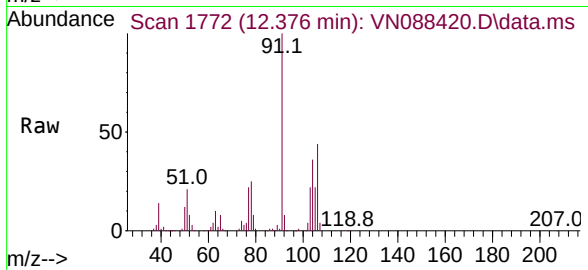
Tgt Ion:106 Resp: 258961
Ion Ratio Lower Upper
106 100
91 213.4 167.8 251.6





#69
o-Xylene
Concen: 21.877 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VN088420.D
Acq: 03 Dec 2025 12:11

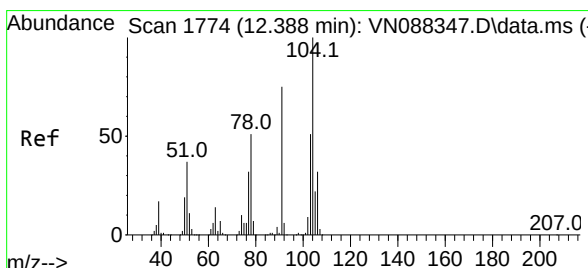
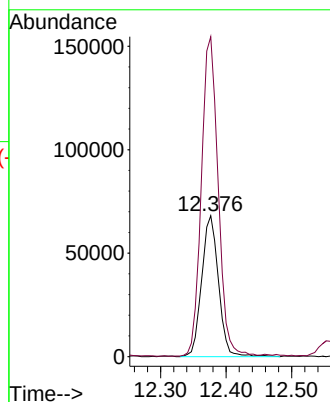
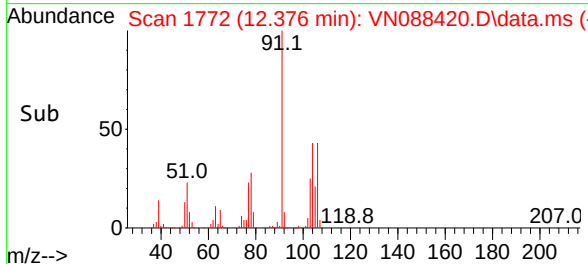
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBS02



Tgt Ion:106 Resp: 120501
Ion Ratio Lower Upper
106 100
91 227.2 112.9 338.7

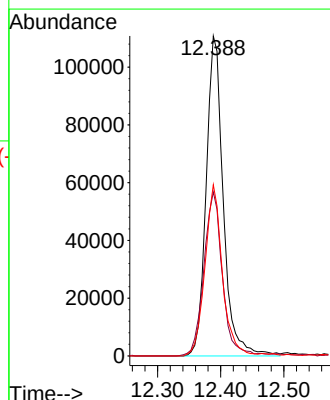
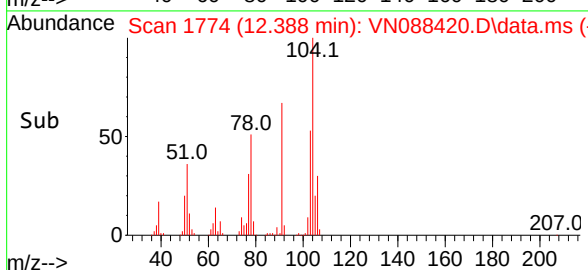
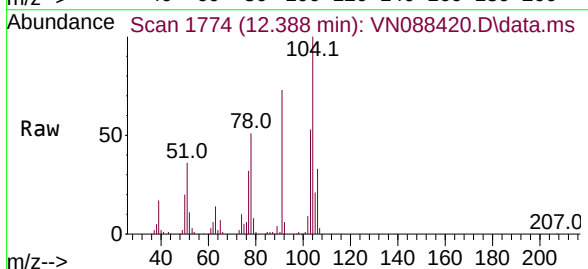
Manual Integrations
APPROVED

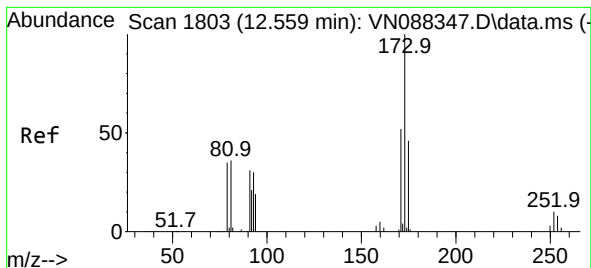
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#70
Styrene
Concen: 23.345 ug/l
RT: 12.388 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VN088420.D
Acq: 03 Dec 2025 12:11

Tgt Ion:104 Resp: 208790
Ion Ratio Lower Upper
104 100
78 55.5 44.3 66.5
103 54.2 44.2 66.4





#71

Bromoform

Concen: 23.813 ug/l

RT: 12.553 min Scan# 1803

Delta R.T. -0.006 min

Lab File: VN088420.D

Acq: 03 Dec 2025 12:11

Instrument :

MSVOA_N

ClientSampleId :

VN1203WBS02

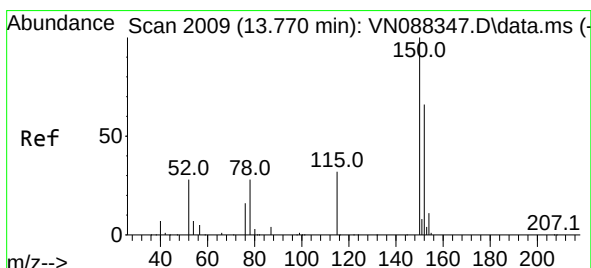
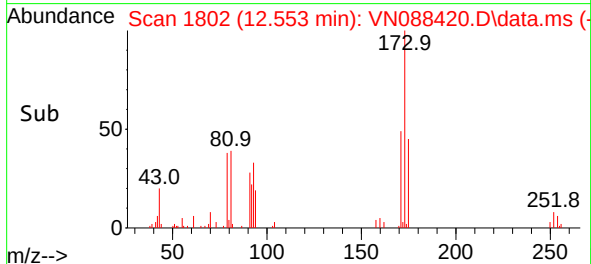
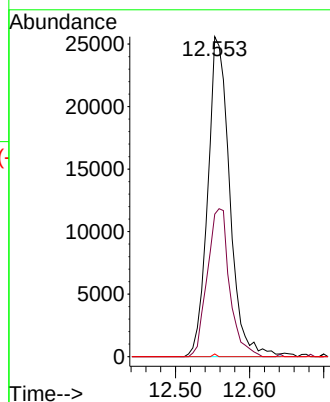
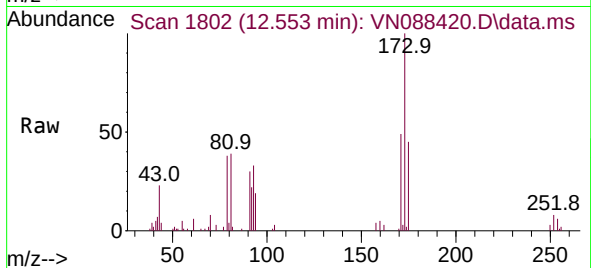
Tgt Ion:173 Resp: 52448
 Ion Ratio Lower Upper
 173 100
 175 47.0 23.9 71.8
 254 0.1 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2025

Supervised By :Semsettin Yesilyurt 12/04/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

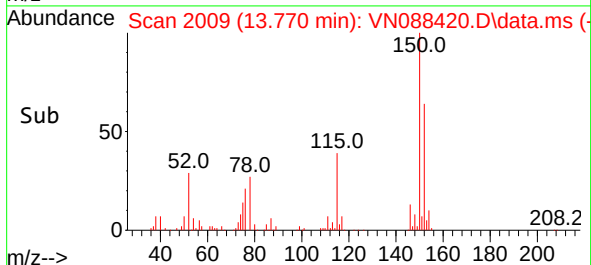
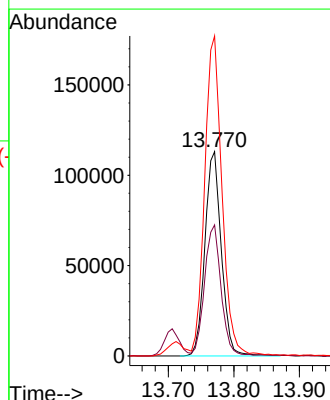
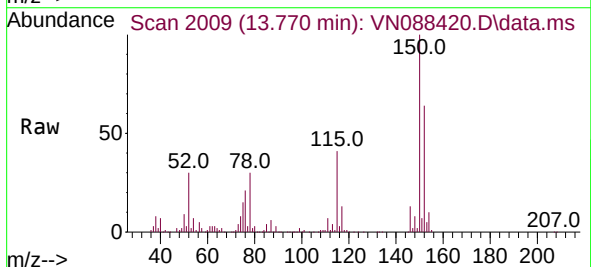
RT: 13.770 min Scan# 2009

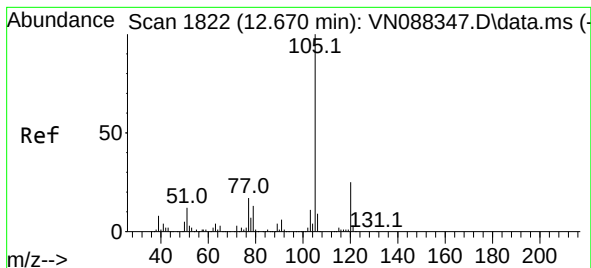
Delta R.T. 0.000 min

Lab File: VN088420.D

Acq: 03 Dec 2025 12:11

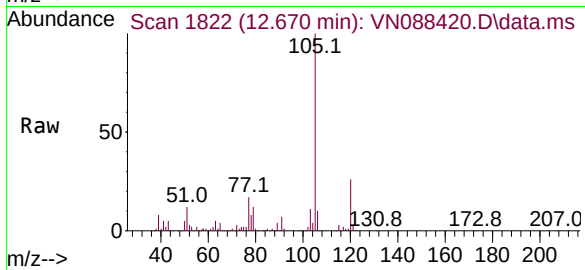
Tgt Ion:152 Resp: 195496
 Ion Ratio Lower Upper
 152 100
 115 63.5 33.0 98.9
 150 164.8 0.0 349.0





#73
Isopropylbenzene
Concen: 21.686 ug/l
RT: 12.670 min Scan# 1822
Delta R.T. 0.000 min
Lab File: VN088420.D
Acq: 03 Dec 2025 12:11

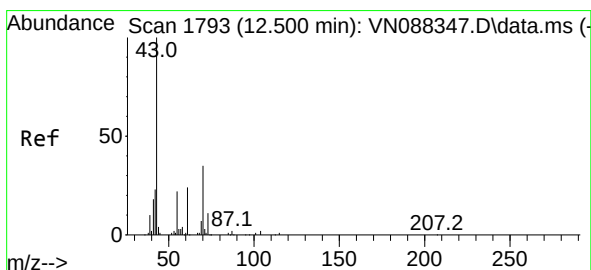
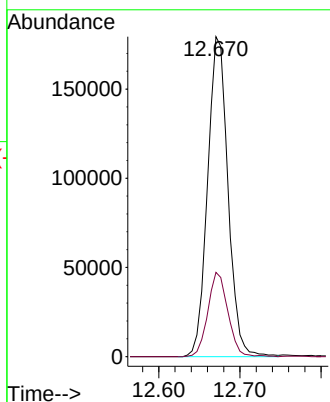
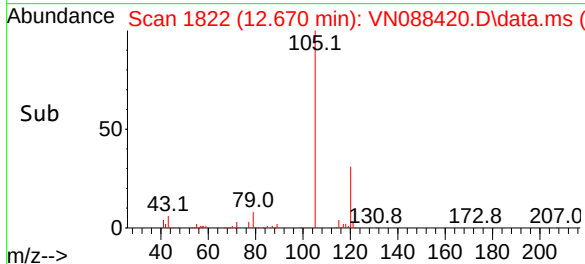
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBS02



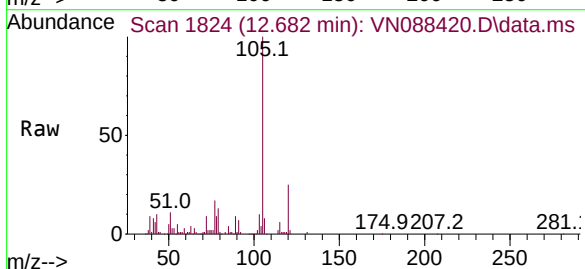
Tgt Ion:105 Resp: 313470
Ion Ratio Lower Upper
105 100
120 25.8 12.8 38.3

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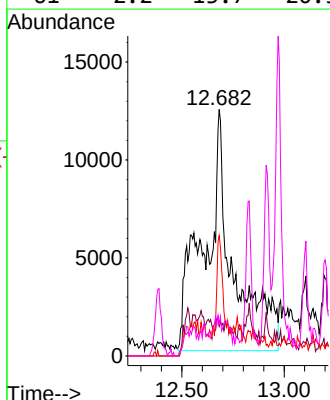
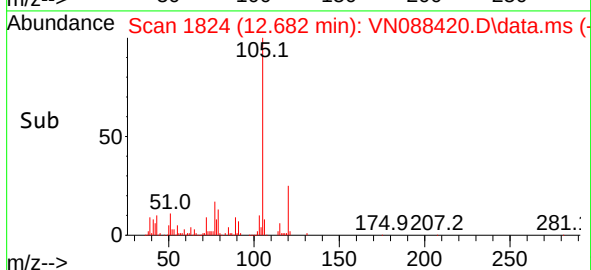
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

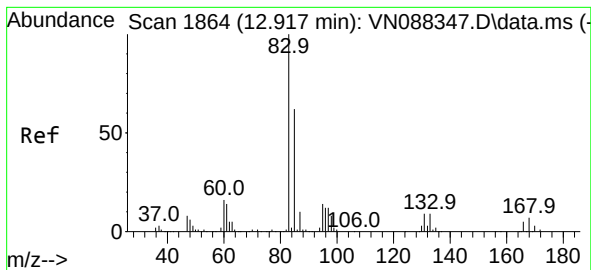


#74
N-ethyl acetate
Concen: 24.554 ug/l m
RT: 12.682 min Scan# 1824
Delta R.T. 0.182 min
Lab File: VN088420.D
Acq: 03 Dec 2025 12:11



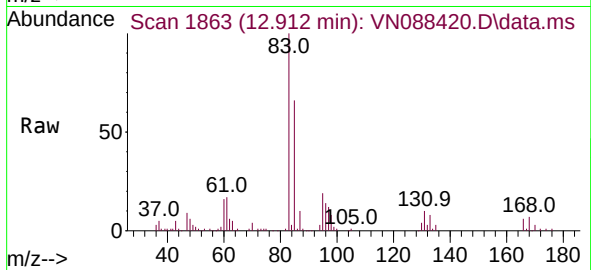
Tgt Ion: 43 Resp: 120873
Ion Ratio Lower Upper
43 100
70 4.0 28.3 42.5#
55 0.0 17.7 26.5#
61 2.2 13.7 20.5#





#75
1,1,2,2-Tetrachloroethane
Concen: 22.836 ug/l
RT: 12.912 min Scan# 1863
Delta R.T. -0.006 min
Lab File: VN088420.D
Acq: 03 Dec 2025 12:11

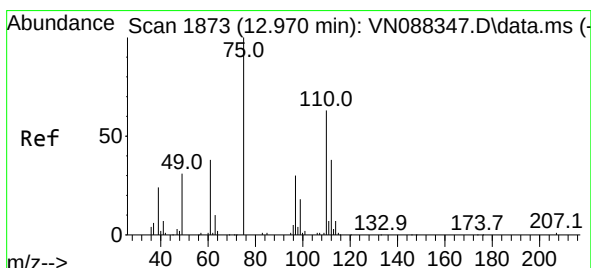
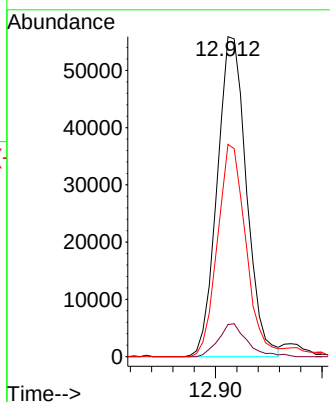
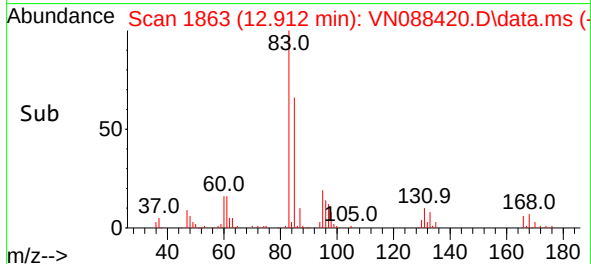
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBS02



Tgt Ion: 83 Resp: 106712
Ion Ratio Lower Upper
83 100
131 10.1 4.8 14.4
85 64.9 32.1 96.5

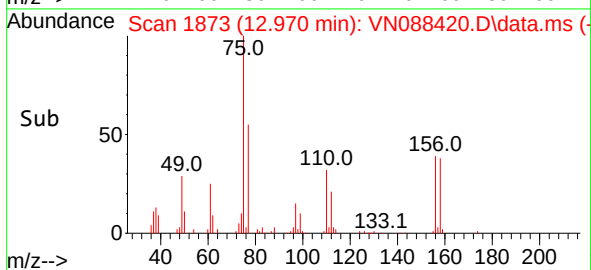
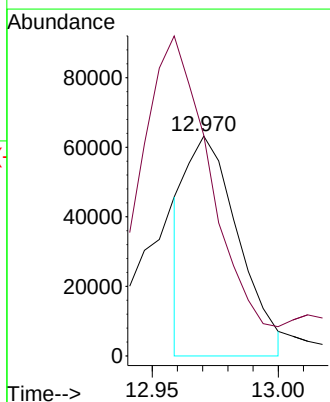
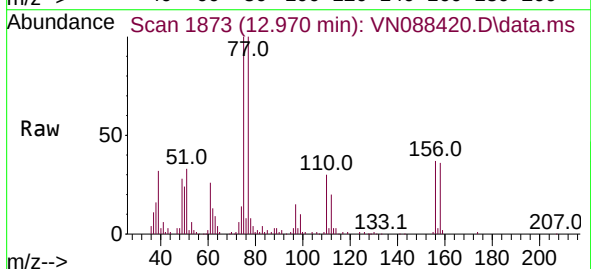
Manual Integrations
APPROVED

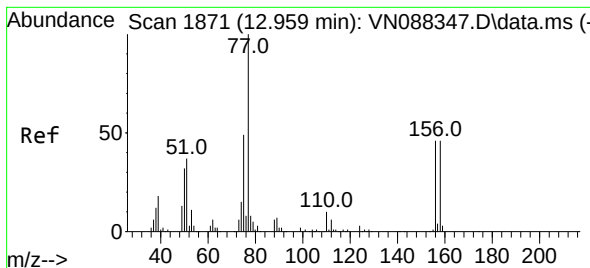
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025



#76
1,2,3-Trichloropropane
Concen: 19.970 ug/l m
RT: 12.970 min Scan# 1873
Delta R.T. 0.000 min
Lab File: VN088420.D
Acq: 03 Dec 2025 12:11

Tgt Ion: 75 Resp: 91441
Ion Ratio Lower Upper
75 100
77 207.4 87.2 261.6





#77

Bromobenzene

Concen: 22.893 ug/l

RT: 12.959 min Scan# 1871

Delta R.T. 0.000 min

Lab File: VN088420.D

Acq: 03 Dec 2025 12:11

Instrument :

MSVOA_N

ClientSampleId :

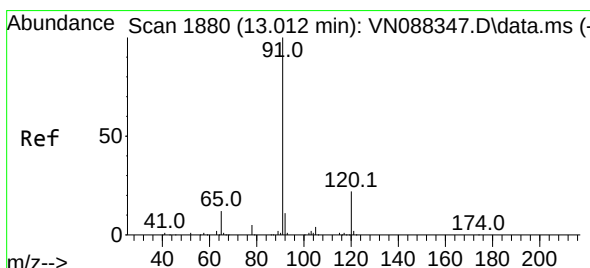
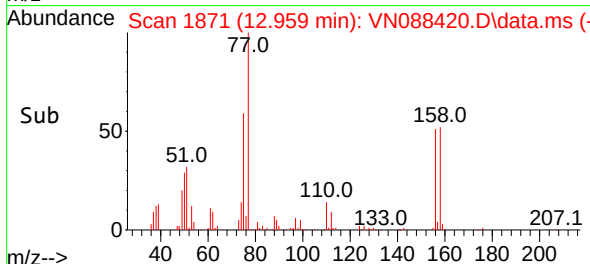
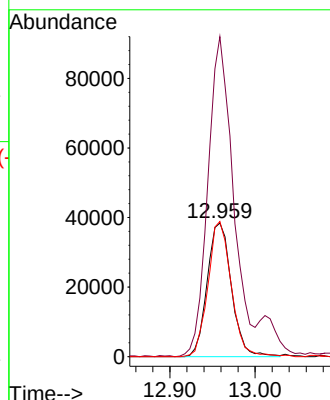
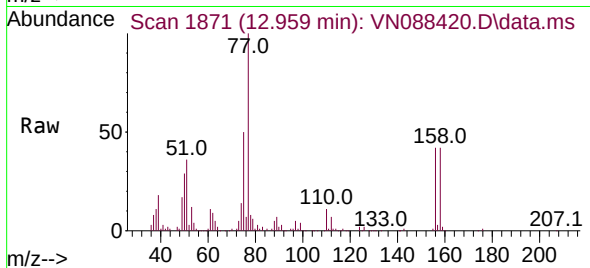
VN1203WBS02

Tgt Ion:	156	Resp:	75715
Ion Ratio	Lower	Upper	
156	100		
77	250.5	121.6	364.7
158	97.5	48.6	145.8

Manual Integrations

APPROVED

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



#78

n-propylbenzene

Concen: 22.695 ug/l

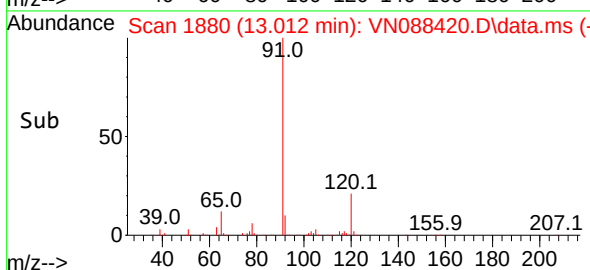
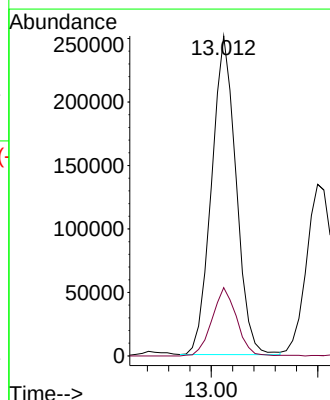
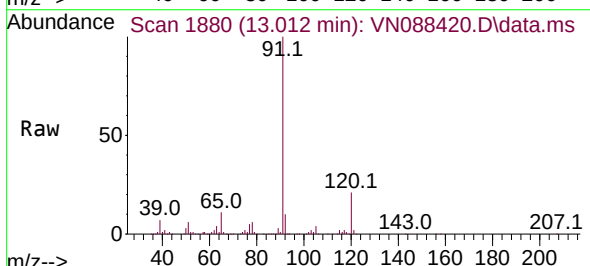
RT: 13.012 min Scan# 1880

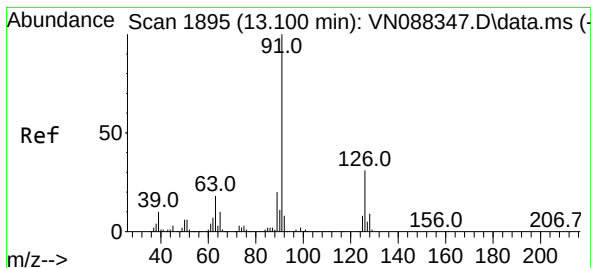
Delta R.T. 0.000 min

Lab File: VN088420.D

Acq: 03 Dec 2025 12:11

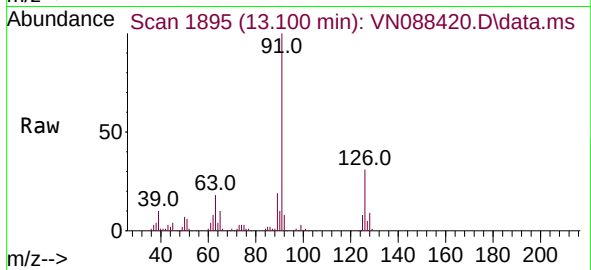
Tgt Ion:	91	Resp:	401330
Ion Ratio	Lower	Upper	
91	100		
120	21.4	10.9	32.6





#79
2-Chlorotoluene
Concen: 22.034 ug/l
RT: 13.100 min Scan# 1895
Delta R.T. 0.000 min
Lab File: VN088420.D
Acq: 03 Dec 2025 12:11

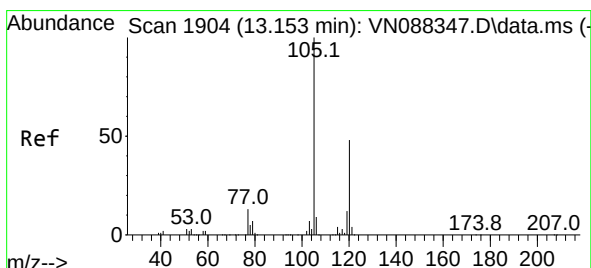
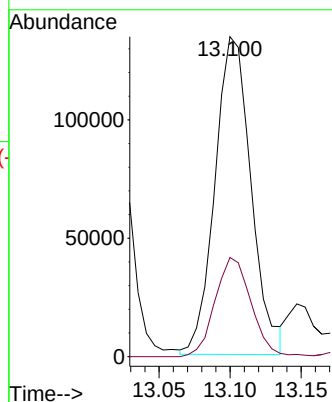
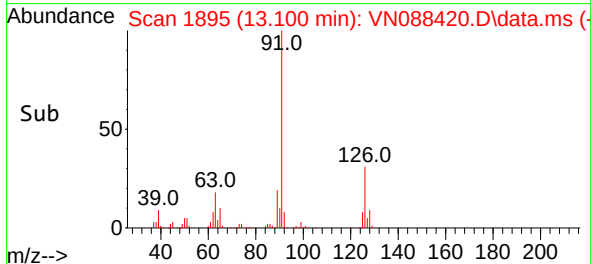
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBS02



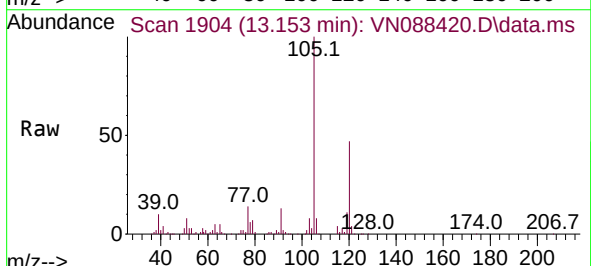
Tgt Ion: 91 Resp: 237936
Ion Ratio Lower Upper
91 100
126 31.1 15.3 45.9

Manual Integrations
APPROVED

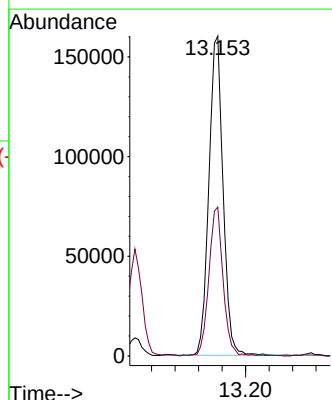
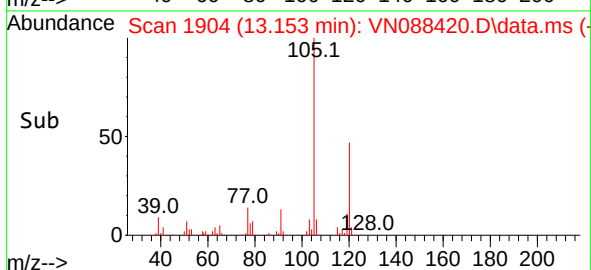
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

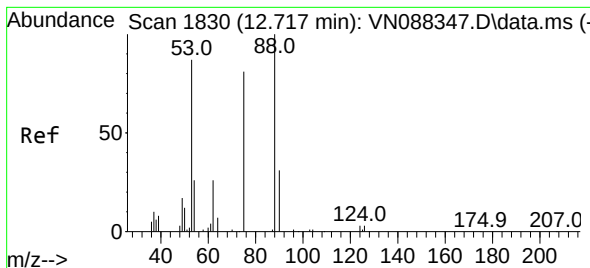


#80
1,3,5-Trimethylbenzene
Concen: 22.370 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VN088420.D
Acq: 03 Dec 2025 12:11



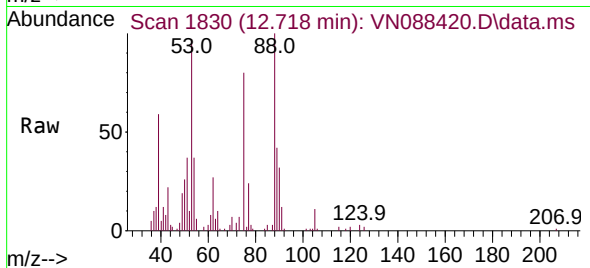
Tgt Ion:105 Resp: 267945
Ion Ratio Lower Upper
105 100
120 47.0 23.8 71.5





#81
trans-1,4-Dichloro-2-butene
Concen: 20.834 ug/l
RT: 12.718 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN088420.D
Acq: 03 Dec 2025 12:11

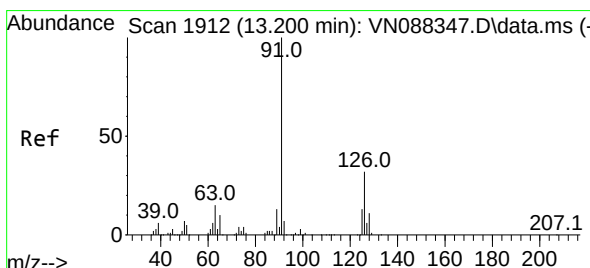
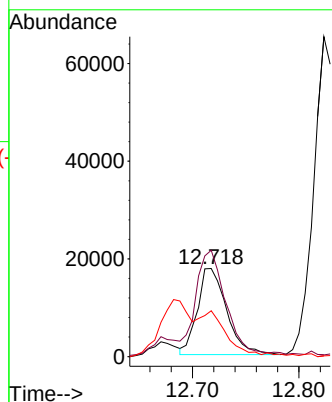
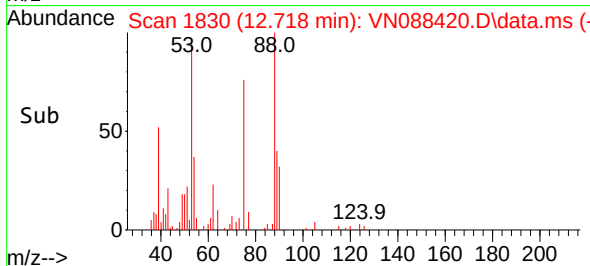
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBS02



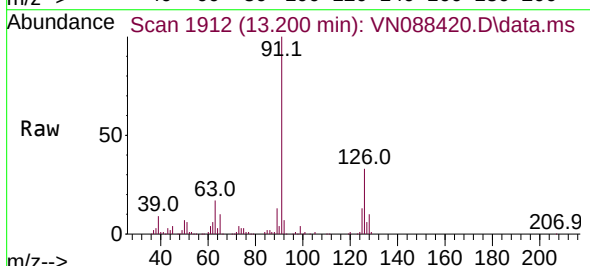
Tgt Ion: 75 Resp: 33626
Ion Ratio Lower Upper
75 100
53 124.1 92.2 138.4
89 0.0 0.0 0.0

Manual Integrations
APPROVED

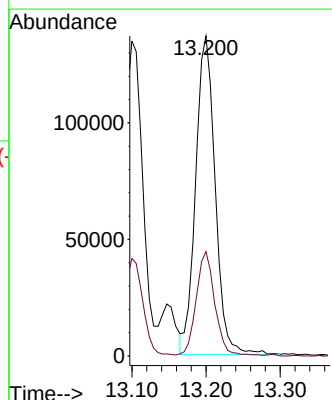
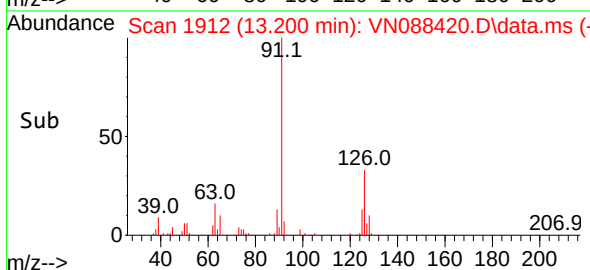
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

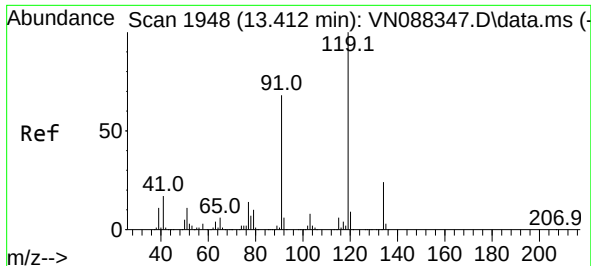


#82
4-Chlorotoluene
Concen: 23.326 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VN088420.D
Acq: 03 Dec 2025 12:11



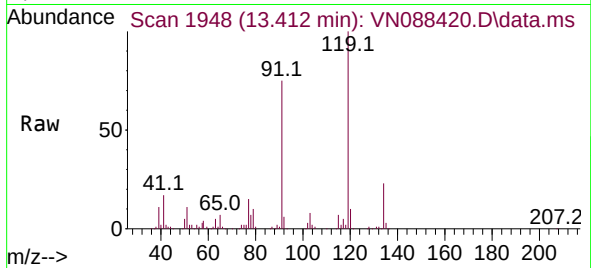
Tgt Ion: 91 Resp: 250184
Ion Ratio Lower Upper
91 100
126 30.9 15.6 46.7





#83
tert-Butylbenzene
Concen: 21.926 ug/l
RT: 13.412 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VN088420.D
Acq: 03 Dec 2025 12:11

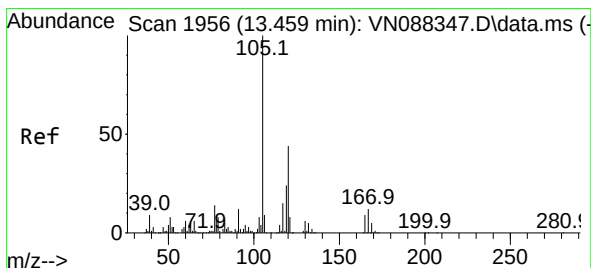
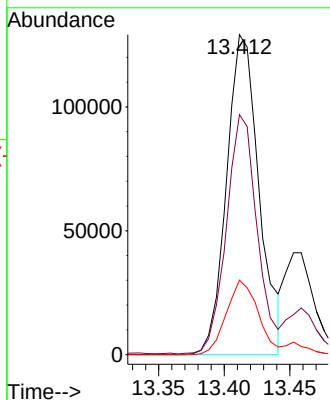
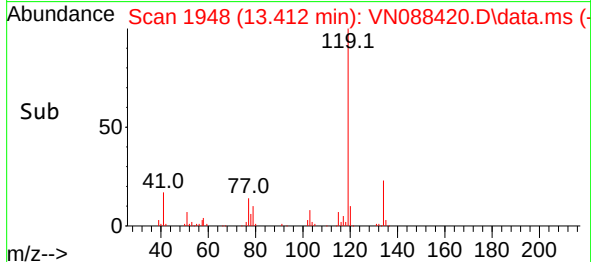
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBS02



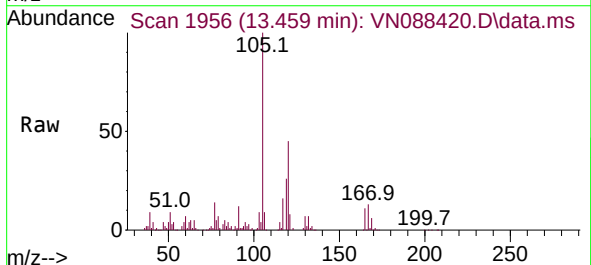
Tgt Ion:119 Resp: 22325
Ion Ratio Lower Upper
119 100
91 70.6 35.1 105.3
134 22.6 12.8 38.4

Manual Integrations
APPROVED

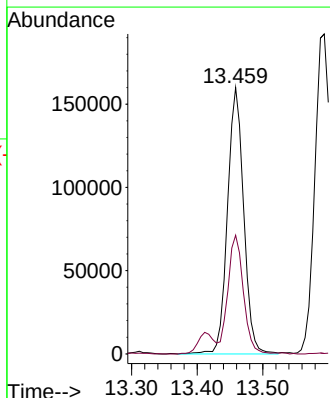
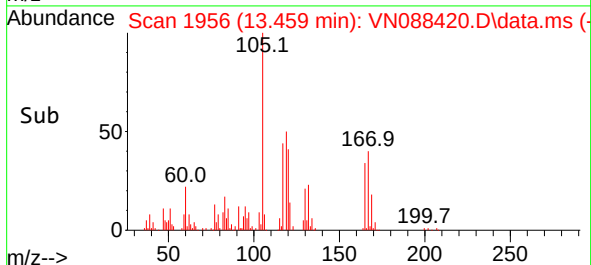
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

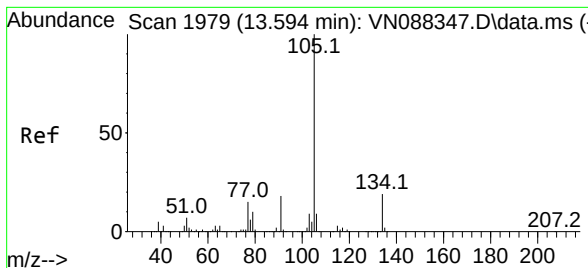


#84
1,2,4-Trimethylbenzene
Concen: 23.027 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN088420.D
Acq: 03 Dec 2025 12:11



Tgt Ion:105 Resp: 274144
Ion Ratio Lower Upper
105 100
120 42.4 22.1 66.1





#85

sec-Butylbenzene

Concen: 22.307 ug/l

RT: 13.594 min Scan# 1979

Delta R.T. 0.000 min

Lab File: VN088420.D

Acq: 03 Dec 2025 12:11

Instrument :

MSVOA_N

ClientSampleId :

VN1203WBS02

Tgt Ion:105 Resp: 326289

Ion Ratio Lower Upper

105 100

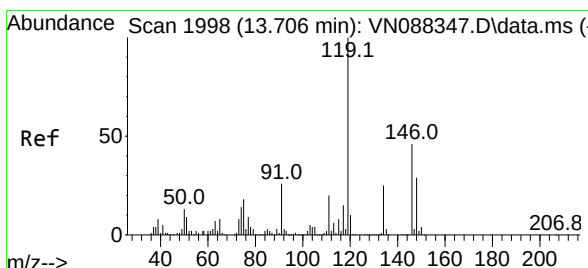
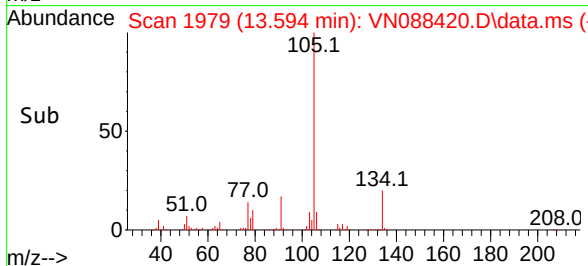
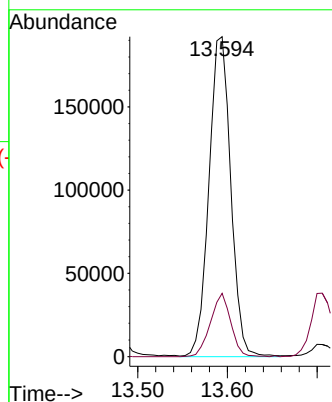
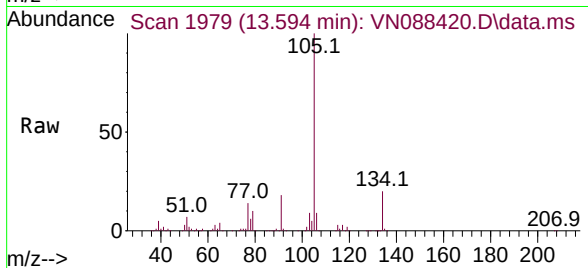
134 18.4 9.5 28.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2025

Supervised By :Semsettin Yesilyurt 12/04/2025



#86

p-Isopropyltoluene

Concen: 22.414 ug/l

RT: 13.706 min Scan# 1998

Delta R.T. 0.000 min

Lab File: VN088420.D

Acq: 03 Dec 2025 12:11

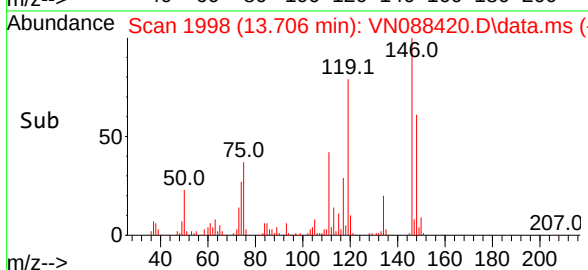
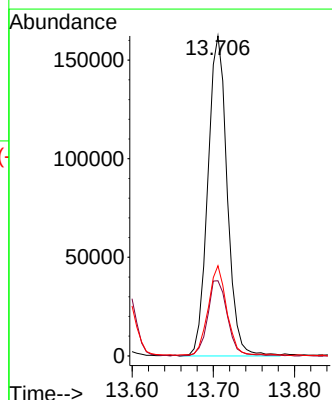
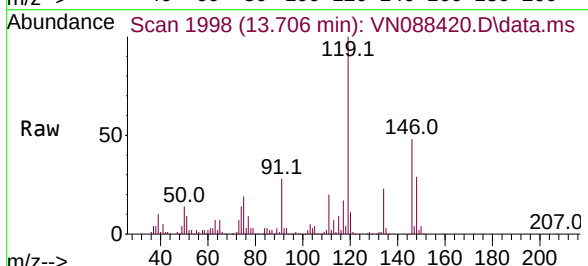
Tgt Ion:119 Resp: 268852

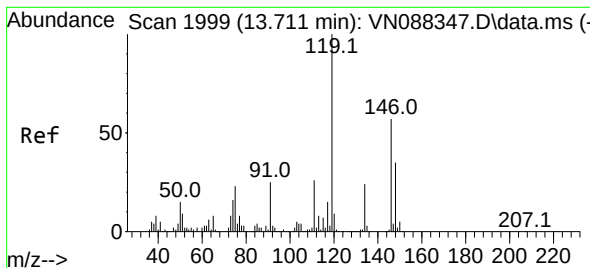
Ion Ratio Lower Upper

119 100

134 24.3 12.2 36.6

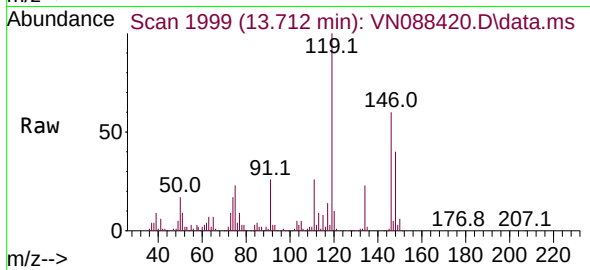
91 26.7 13.0 39.0





#87
1,3-Dichlorobenzene
Concen: 22.807 ug/l
RT: 13.712 min Scan# 1999
Delta R.T. 0.000 min
Lab File: VN088420.D
Acq: 03 Dec 2025 12:11

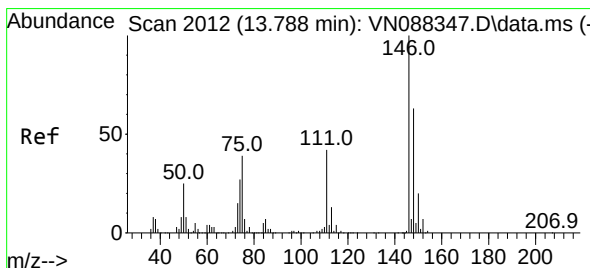
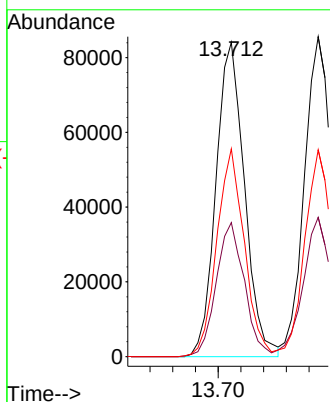
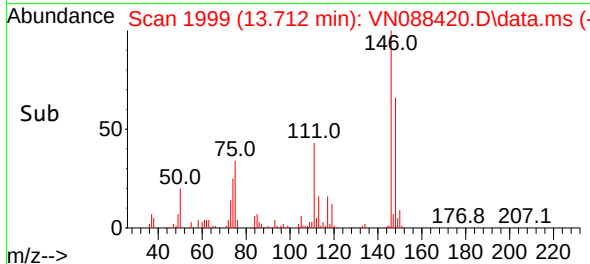
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBS02



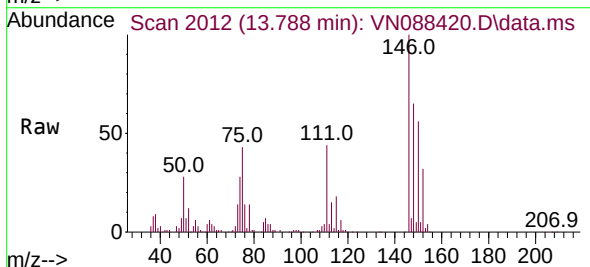
Tgt Ion:146 Resp: 146835
Ion Ratio Lower Upper
146 100
111 41.9 22.4 67.0
148 63.6 31.6 94.8

Manual Integrations
APPROVED

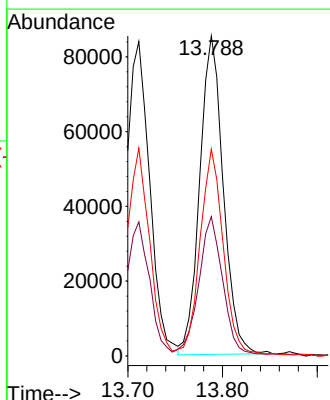
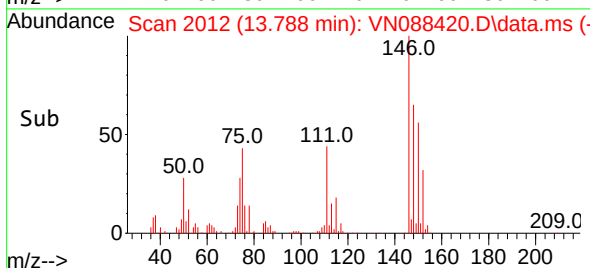
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

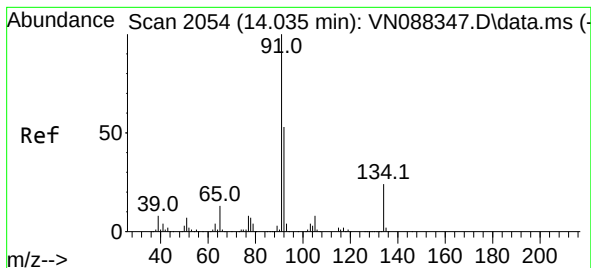


#88
1,4-Dichlorobenzene
Concen: 21.822 ug/l
RT: 13.788 min Scan# 1212
Delta R.T. 0.000 min
Lab File: VN088420.D
Acq: 03 Dec 2025 12:11



Tgt Ion:146 Resp: 147165
Ion Ratio Lower Upper
146 100
111 44.1 21.6 64.6
148 64.2 31.0 93.0





#89

n-Butylbenzene

Concen: 21.946 ug/l

RT: 14.035 min Scan# 2054

Delta R.T. 0.000 min

Lab File: VN088420.D

Acq: 03 Dec 2025 12:11

Instrument :

MSVOA_N

ClientSampleId :

VN1203WBS02

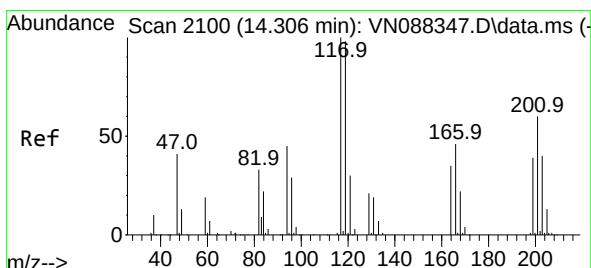
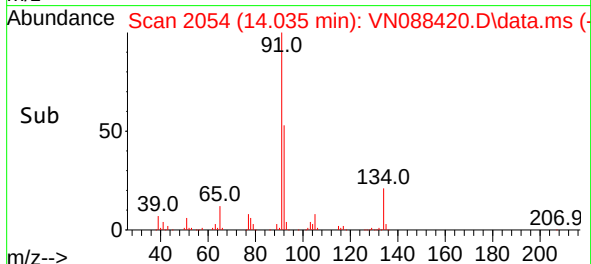
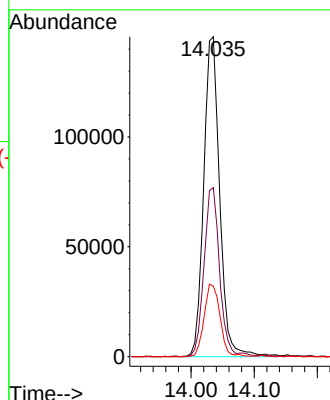
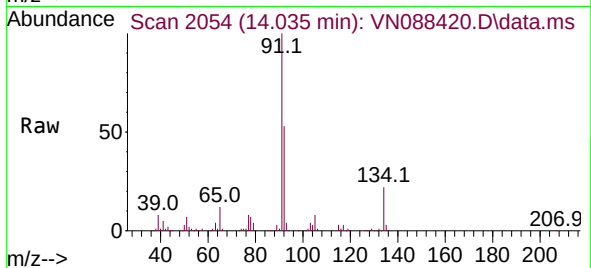
Tgt Ion:	91	Resp:	255584
Ion Ratio	Lower	Upper	
91	100		
92	51.8	26.1	78.3
134	22.5	11.7	35.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2025

Supervised By :Semsettin Yesilyurt 12/04/2025



#90

Hexachloroethane

Concen: 22.595 ug/l

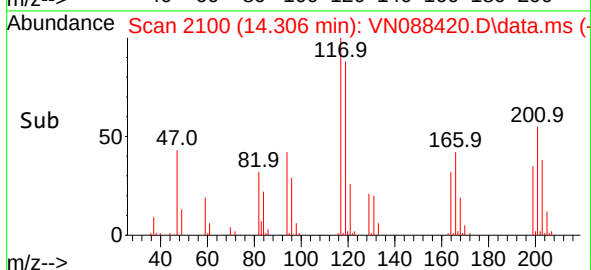
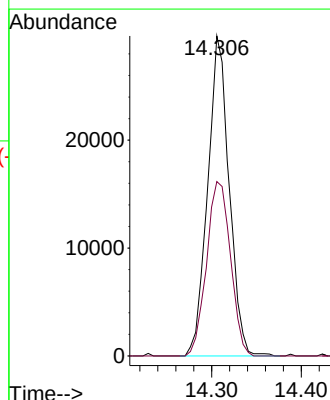
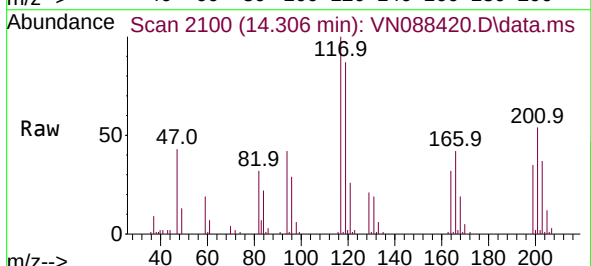
RT: 14.306 min Scan# 2100

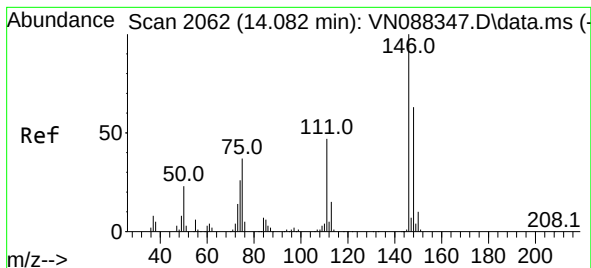
Delta R.T. 0.000 min

Lab File: VN088420.D

Acq: 03 Dec 2025 12:11

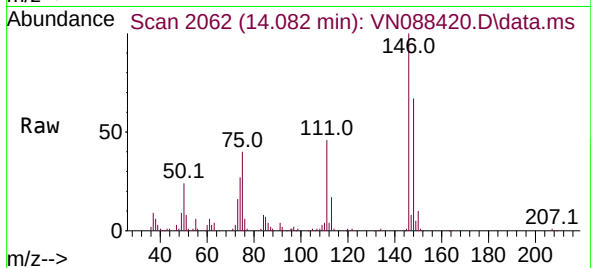
Tgt Ion:	117	Resp:	49509
Ion Ratio	Lower	Upper	
117	100		
201	60.6	30.3	90.9





#91
1,2-Dichlorobenzene
Concen: 21.889 ug/l
RT: 14.082 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VN088420.D
Acq: 03 Dec 2025 12:11

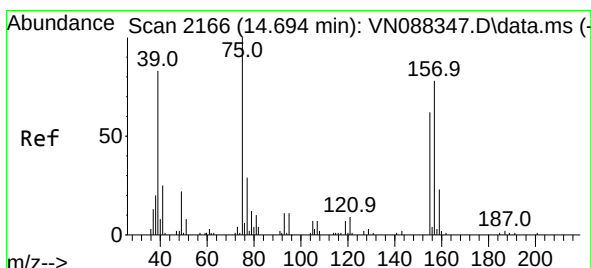
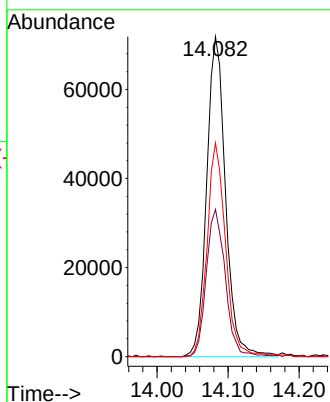
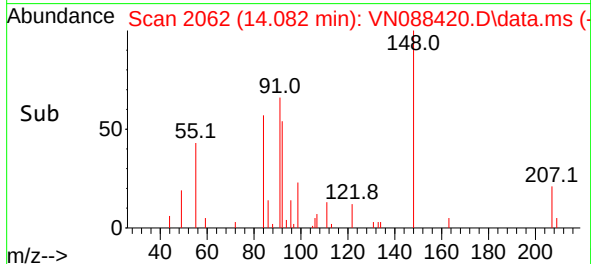
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBS02



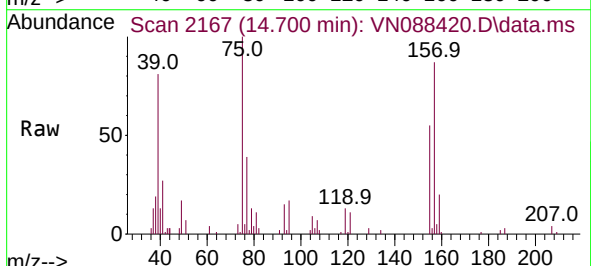
Tgt Ion:146 Resp: 132616
Ion Ratio Lower Upper
146 100
111 46.4 23.3 69.9
148 65.5 31.8 95.4

Manual Integrations
APPROVED

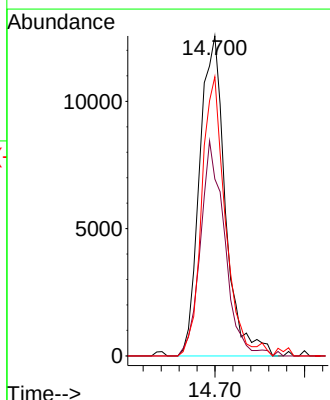
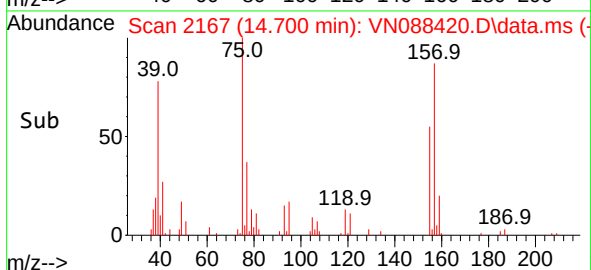
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

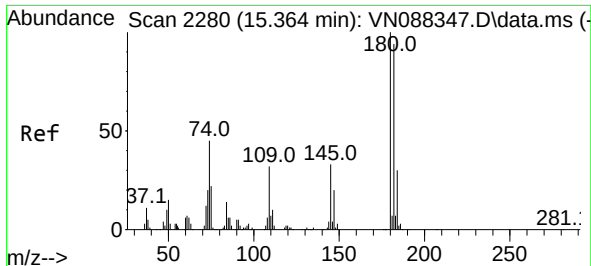


#92
1,2-Dibromo-3-Chloropropane
Concen: 22.023 ug/l
RT: 14.700 min Scan# 2167
Delta R.T. 0.006 min
Lab File: VN088420.D
Acq: 03 Dec 2025 12:11



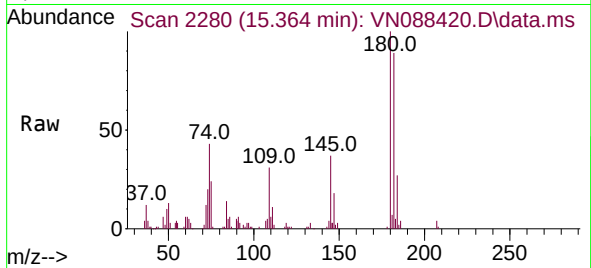
Tgt Ion: 75 Resp: 24969
Ion Ratio Lower Upper
75 100
155 63.3 33.7 101.1
157 80.6 43.8 131.3





#93
1,2,4-Trichlorobenzene
Concen: 20.688 ug/l
RT: 15.364 min Scan# 2280
Delta R.T. 0.000 min
Lab File: VN088420.D
Acq: 03 Dec 2025 12:11

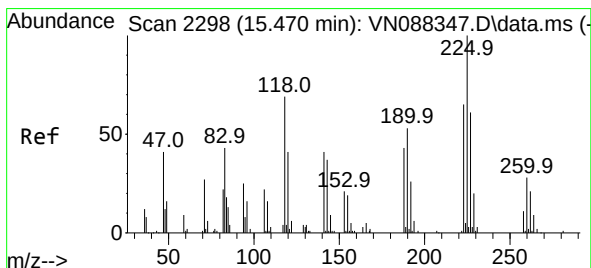
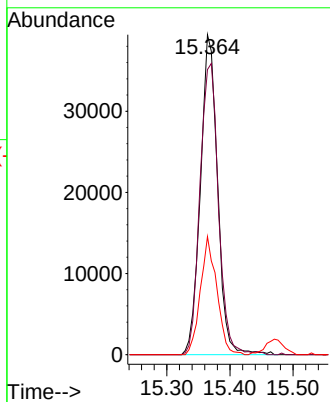
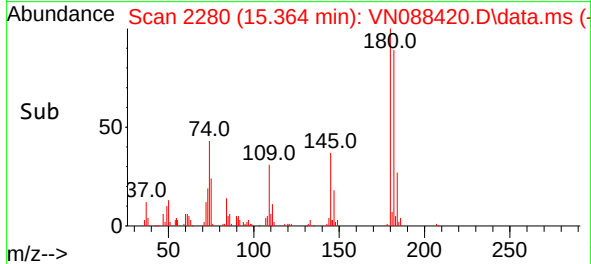
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBS02



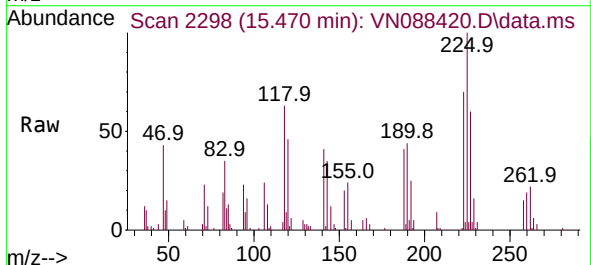
Tgt Ion:180 Resp: 74473
Ion Ratio Lower Upper
180 100
182 97.7 46.1 138.2
145 35.3 16.7 50.1

Manual Integrations
APPROVED

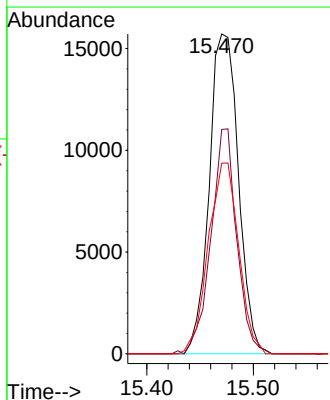
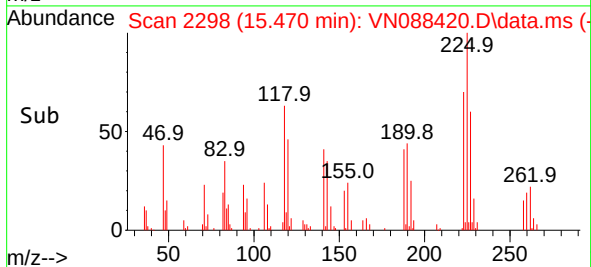
Reviewed By :John Carlone 12/04/2025
Supervised By :Semsettin Yesilyurt 12/04/2025

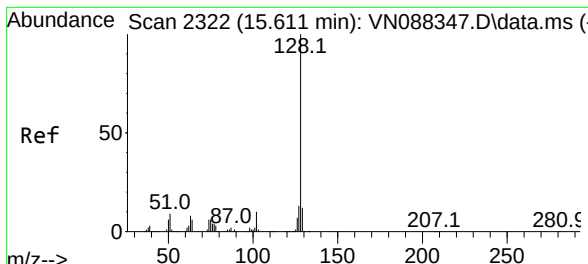


#94
Hexachlorobutadiene
Concen: 23.166 ug/l
RT: 15.470 min Scan# 2298
Delta R.T. 0.000 min
Lab File: VN088420.D
Acq: 03 Dec 2025 12:11



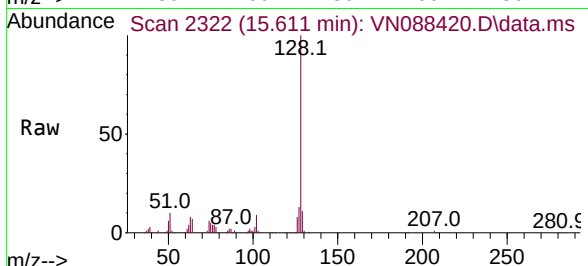
Tgt Ion:225 Resp: 29967
Ion Ratio Lower Upper
225 100
223 62.1 32.3 96.8
227 62.1 29.9 89.8





#95
 Naphthalene
 Concen: 20.541 ug/l
 RT: 15.611 min Scan# 2322
 Delta R.T. 0.000 min
 Lab File: VN088420.D
 Acq: 03 Dec 2025 12:11

Instrument : MSVOA_N
 ClientSampleId : VN1203WBS02

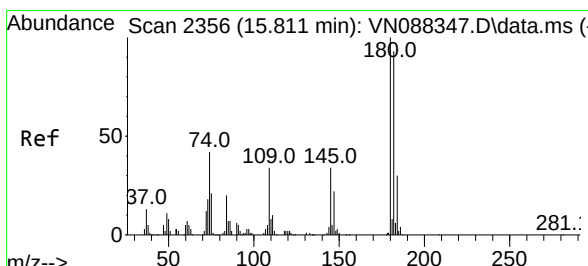
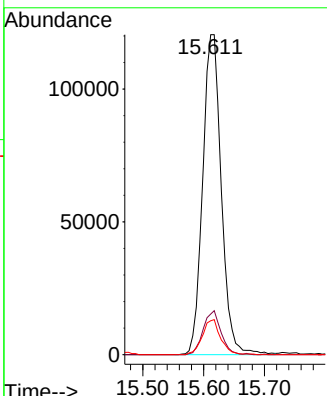
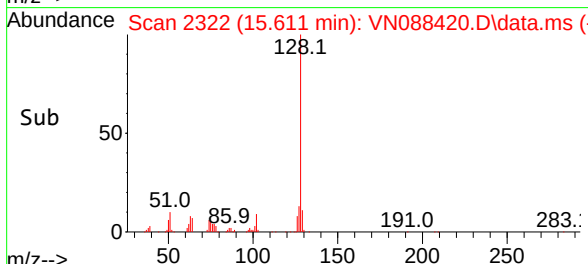


Tgt Ion:128 Resp: 256226

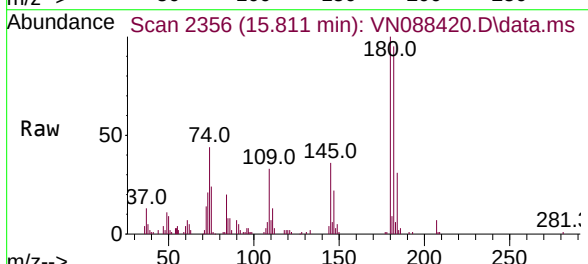
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	10.7	9.0	13.6

Manual Integrations
 APPROVED

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



#96
 1,2,3-Trichlorobenzene
 Concen: 20.813 ug/l
 RT: 15.811 min Scan# 2356
 Delta R.T. 0.000 min
 Lab File: VN088420.D
 Acq: 03 Dec 2025 12:11



Tgt Ion:180 Resp: 72914

Ion	Ratio	Lower	Upper
180	100		
182	95.6	45.9	137.7
145	36.7	17.8	53.4

