

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112625\
 Data File : VN088364.D
 Acq On : 26 Nov 2025 10:15
 Operator : JC\MD
 Sample : VN1126WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1126WBSD01

Quant Time: Nov 27 00:09:36 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N111325W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Nov 14 00:49:21 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John
 Carlone
 12/01/2025

Supervised By :Semsetun
 Yesilyurt
 12/01/2025

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

Internal Standards						
1) Bromochloromethane	7.800	128	55071	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.082	114	276184	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.847	117	247299	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.559	65	140916	28.013	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	93.367%		
60) 4-Bromofluorobenzene	12.829	95	120337	28.786	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	95.967%		
63) Toluene-d8	10.547	98	351510	30.023	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	100.067%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	67759	17.503	ug/l	99
3) Chloromethane	2.383	50	72193	18.087	ug/l #	88
4) Vinyl Chloride	2.536	62	74045	17.545	ug/l	98
5) Bromomethane	2.983	94	37382	16.612	ug/l	84
6) Chloroethane	3.142	64	45387	17.399	ug/l	93
7) Trichlorofluoromethane	3.512	101	106268	17.960	ug/l	99
8) Diethyl Ether	3.965	74	39602	17.907	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.371	101	56825	18.306	ug/l	99
10) 1,1-Dichloroethene	4.342	96	54895	18.127	ug/l	95
11) Methyl Iodide	4.583	142	53973	16.748	ug/l	80
12) Methyl Acetate	5.012	43	95640m	19.576	ug/l	
13) Acrolein	4.177	56	112954	157.143	ug/l	98
14) Acrylonitrile	5.712	53	202961	91.426	ug/l	99
15) Acetone	4.418	58	44557	68.635	ug/l	96
16) Carbon Disulfide	4.706	76	174134	17.050	ug/l	98
17) Allyl chloride	5.012	41	100349	17.052	ug/l	97
18) Methylene Chloride	5.271	84	67024m	17.806	ug/l	
19) trans-1,2-Dichloroethene	5.777	96	60355	17.115	ug/l	95
20) Diisopropyl ether	6.665	45	226663	18.025	ug/l	96
21) 1,1-Dichloroethane	6.559	63	126134	17.804	ug/l	96
22) cis-1,2-Dichloroethene	7.471	96	73193	17.858	ug/l	96
23) tert-Butyl Alcohol	5.518	59	68813	84.300	ug/l #	100
24) Methyl tert-Butyl Ether	5.783	73	213483	17.485	ug/l	98
25) Chloroform	7.947	83	127373	18.144	ug/l	97
26) Cyclohexane	8.241	56	100145	16.735	ug/l #	93
29) 1,1-Dichloropropene	8.353	75	84965	18.438	ug/l	98
30) 2-Butanone	7.471	43	267438	89.717	ug/l	99
31) 2,2-Dichloropropane	7.471	77	107777	18.962	ug/l	97
32) 1,1,1-Trichloroethane	8.153	97	108557	19.109	ug/l	99
33) Carbon Tetrachloride	8.347	117	90065	18.566	ug/l	93
34) Benzene	8.588	78	266068	19.316	ug/l	97
35) Methacrylonitrile	7.759	41	60253	19.378	ug/l	96
36) 1,2-Dichloroethane	8.653	62	100191	18.690	ug/l	100
37) Trichloroethene	9.335	130	62886	20.146	ug/l	99
38) Methylcyclohexane	9.582	83	94733	17.931	ug/l	99
39) 1,2-Dichloropropane	9.600	63	69596	19.584	ug/l	90
40) Dibromomethane	9.694	93	50222	19.669	ug/l	95
41) Bromodichloromethane	9.871	83	100079	19.471	ug/l	97
42) Vinyl Acetate	6.588	43	1010500	101.567	ug/l	99

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Manual Integrations
 APPROVED

Reviewed By :John
 Carlone
 12/01/2025

Supervised By :Semsettin
 Yesilyurt
 12/01/2025

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.541	43	108169	18.035	ug/l	96
44) Isopropyl Acetate	8.671	43	178816	19.346	ug/l	97
45) 1,4-Dioxane	9.682	88	21128	379.578	ug/l #	94
46) Methyl methacrylate	9.665	41	71881	16.619	ug/l	93
47) n-amyl Acetate	12.688	43	82130m	17.535	ug/l	
48) t-1,3-Dichloropropene	10.818	75	98735	17.959	ug/l	100
49) cis-1,3-Dichloropropene	10.294	75	111075	19.418	ug/l	98
50) 1,1,2-Trichloroethane	10.994	97	62485	19.791	ug/l	95
51) Ethyl methacrylate	10.853	69	94697	18.230	ug/l	94
52) 1,3-Dichloropropane	11.141	76	110632	19.241	ug/l	98
53) Dibromochloromethane	11.341	129	69690	19.217	ug/l	96
54) 1,2-Dibromoethane	11.447	107	63520	19.363	ug/l	97
55) 2-Chloroethyl vinyl ether	10.141	63	284961	95.233	ug/l	98
56) Bromoform	12.559	173	42855	18.669	ug/l	97
58) 4-Methyl-2-Pentanone	10.424	43	562936	100.645	ug/l	100
59) 2-Hexanone	11.176	43	337578	90.891	ug/l	99
61) Tetrachloroethene	11.082	164	58743	23.039	ug/l	95
62) Toluene	10.612	91	271648	19.141	ug/l	97
64) Chlorobenzene	11.870	112	165887	18.874	ug/l	95
65) 1,1,1,2-Tetrachloroethane	11.941	131	58029	19.290	ug/l	96
66) Ethyl Benzene	11.947	91	289266	18.494	ug/l	95
67) m/p-Xylenes	12.047	106	214823	36.727	ug/l	99
68) o-Xylene	12.376	106	102806	18.632	ug/l	95
69) Styrene	12.394	104	170031	18.144	ug/l	98
70) Isopropylbenzene	12.676	105	264079	18.059	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.917	83	85672	18.087	ug/l	99
72) 1,2,3-Trichloropropane	12.970	75	93741m	20.428	ug/l	
73) Bromobenzene	12.959	156	62864	19.042	ug/l	98
74) n-propylbenzene	13.012	91	331419	18.314	ug/l	100
75) 2-Chlorotoluene	13.106	91	197251	17.925	ug/l	100
76) 1,3,5-Trimethylbenzene	13.153	105	222124	18.096	ug/l	100
77) t-1,4-Dichloro-2-butene	12.717	75	27890	17.698	ug/l	95
78) 4-Chlorotoluene	13.200	91	203340	18.235	ug/l	98
79) tert-butylbenzene	13.417	119	182240	17.341	ug/l	99
80) 1,2,4-Trimethylbenzene	13.459	105	218304	17.885	ug/l	96
81) sec-Butylbenzene	13.594	105	275417	17.968	ug/l	99
82) p-Isopropyltoluene	13.706	119	221045	17.452	ug/l	99
83) 1,3-Dichlorobenzene	13.712	146	116946	18.233	ug/l	98
84) 1,4-Dichlorobenzene	13.788	146	118865	18.299	ug/l	97
85) n-Butylbenzene	14.035	91	213313	17.671	ug/l	99
86) Hexachloroethane	14.306	117	40217	16.584	ug/l	99
87) 1,2-Dichlorobenzene	14.082	146	113913	18.816	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.694	75	20444	18.362	ug/l	96
89) 1,2,4-Trichlorobenzene	15.811	180	62537	18.407	ug/l	99
90) Hexachlorobutadiene	15.470	225	25343	19.208	ug/l	95
91) Naphthalene	15.617	128	219721	17.874	ug/l	99
92) 1,2,3-Trichlorobenzene	15.811	180	62537	18.407	ug/l	99

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

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Instrument :

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Client SampleId :

VN1126WBSD01

Manual Integrations

APPROVED

Reviewed By :John

Carlone

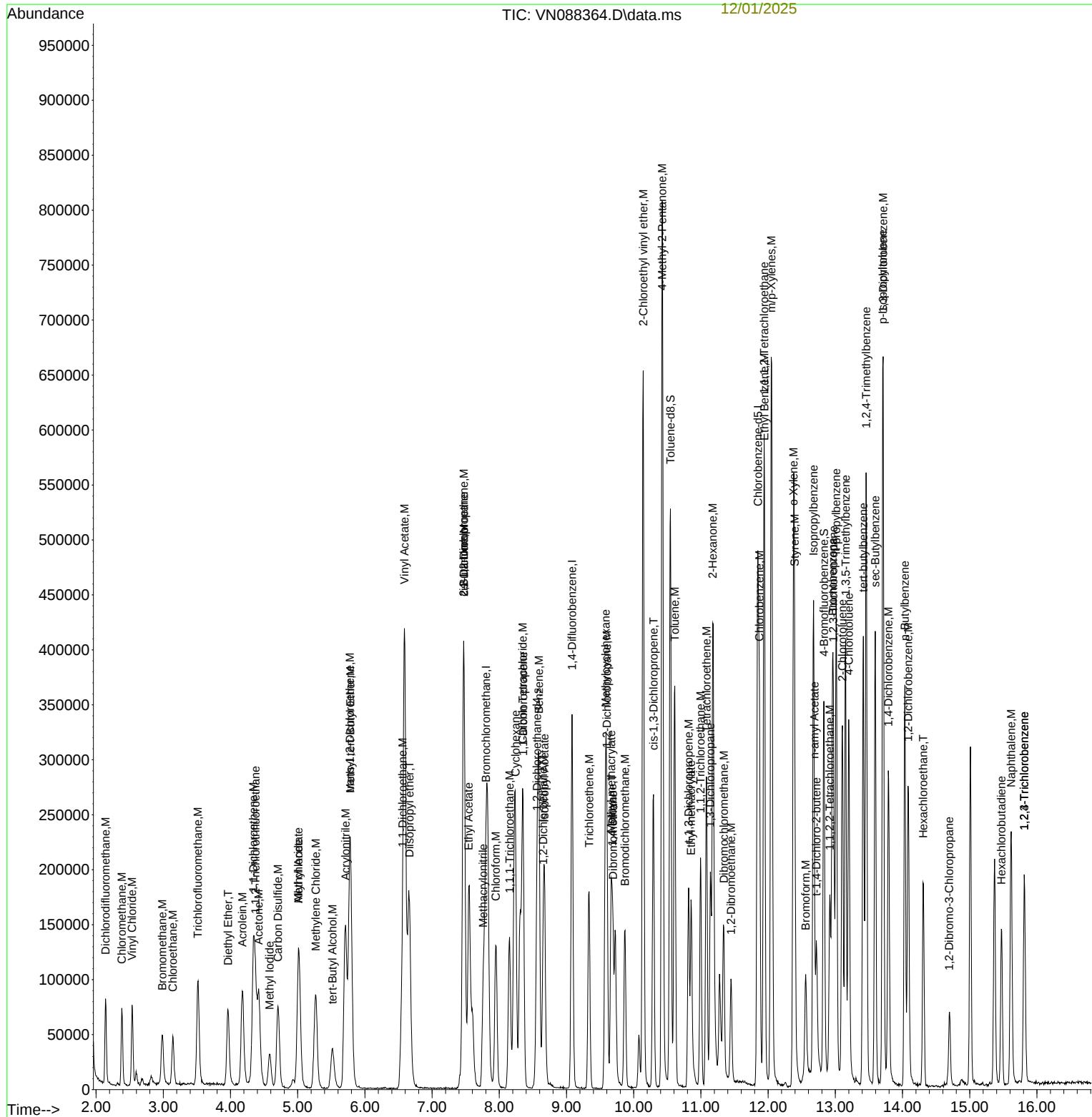
12/01/2025

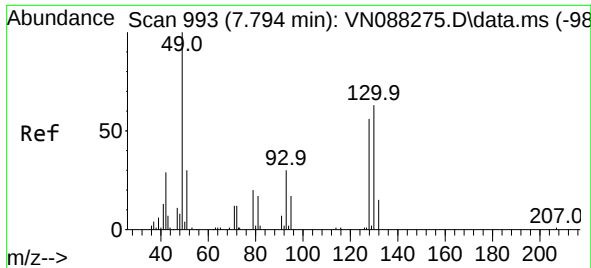
Supervised By :Semsetin

Yesilyurt

12/01/2025

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#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.800 min Scan# 993
Delta R.T. 0.006 min
Lab File: VN088364.D
Acq: 26 Nov 2025 10:15

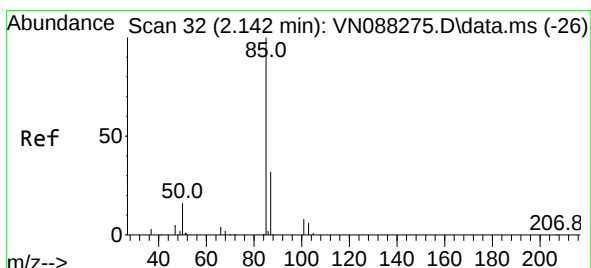
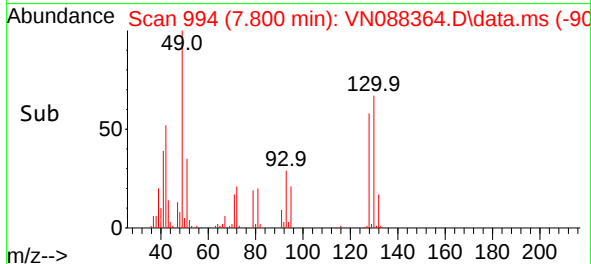
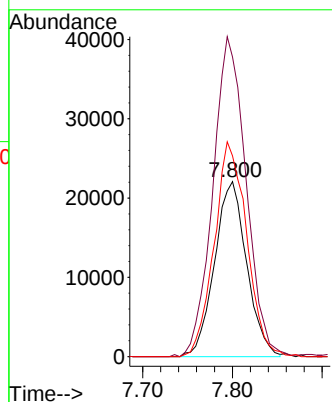
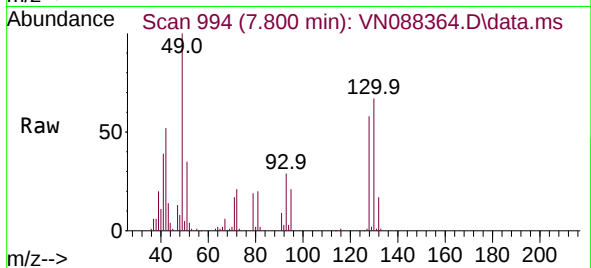
Instrument :
MSVOA_N
ClientSampleId :
VN1126WBSD01

Tgt Ion:128 Resp: 5507
Ion Ratio Lower Upper
128 100
49 188.6 0.0 501.2
130 124.0 0.0 320.2

Manual Integrations
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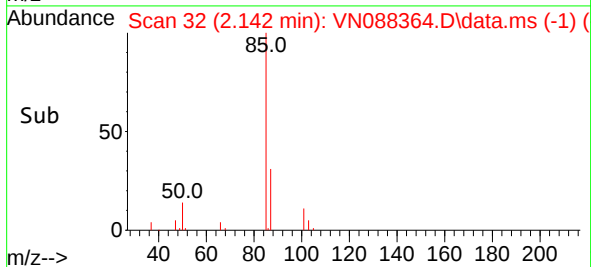
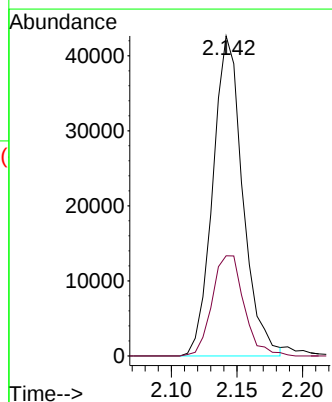
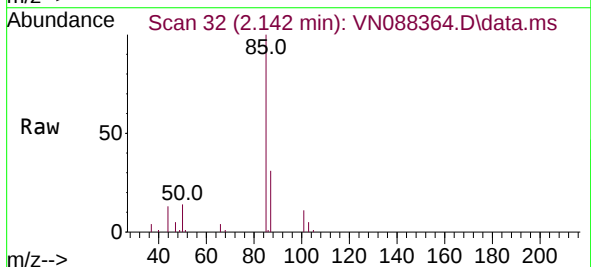
Reviewed By :John
Carlone
12/01/2025

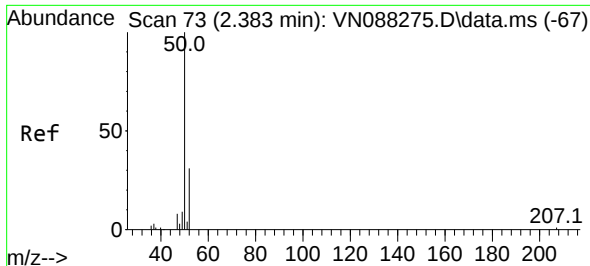
Supervised By :Semsetin
Yesilyurt
12/01/2025



#2
Dichlorodifluoromethane
Concen: 17.503 ug/l
RT: 2.142 min Scan# 32
Delta R.T. -0.000 min
Lab File: VN088364.D
Acq: 26 Nov 2025 10:15

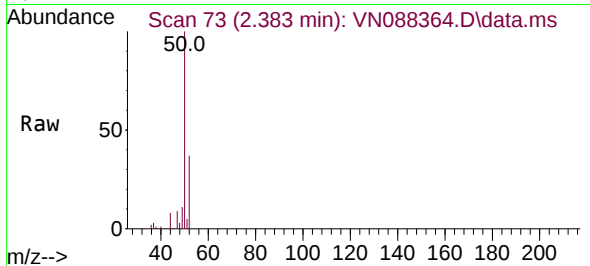
Tgt Ion: 85 Resp: 67759
Ion Ratio Lower Upper
85 100
87 31.3 16.0 48.0





#3
Chloromethane
Concen: 18.087 ug/l
RT: 2.383 min Scan# 73
Delta R.T. -0.000 min
Lab File: VN088364.D
Acq: 26 Nov 2025 10:15

Instrument :
MSVOA_N
ClientSampleId :
VN1126WBSD01

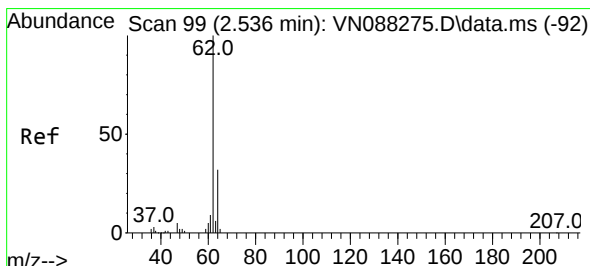
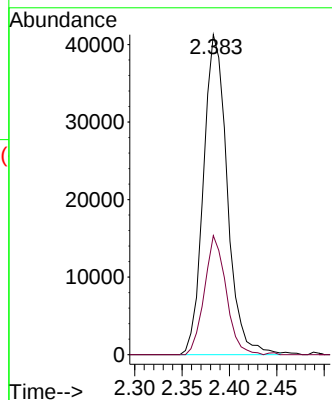
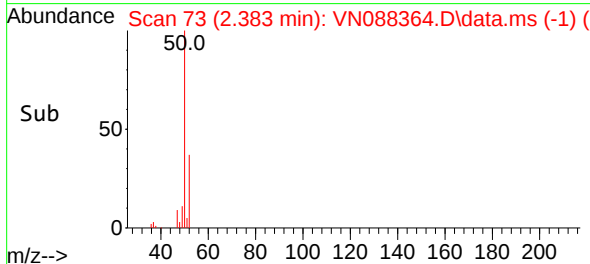


Tgt Ion: 50 Resp: 72193
Ion Ratio Lower Upper
50 100
52 37.2 24.6 36.8

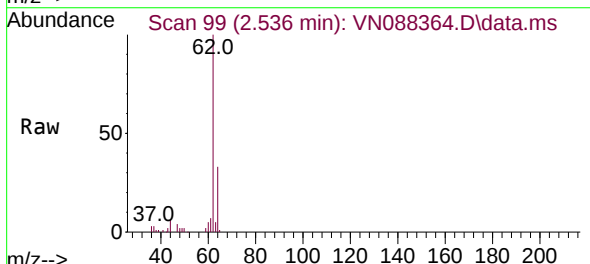
Manual Integrations
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Reviewed By :John
Carlone
12/01/2025

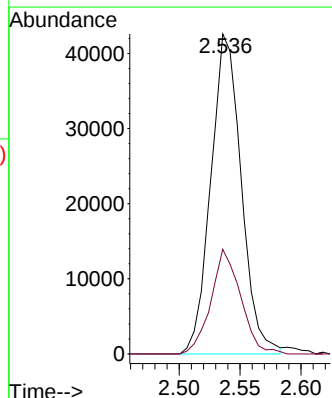
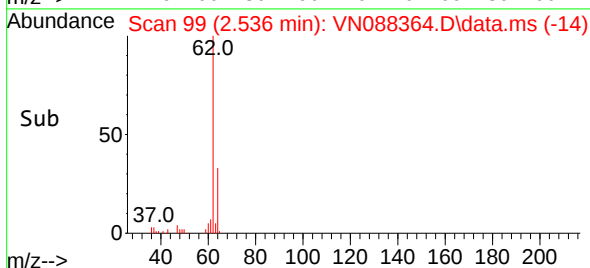
Supervised By :Semsetin
Yesilyurt
12/01/2025

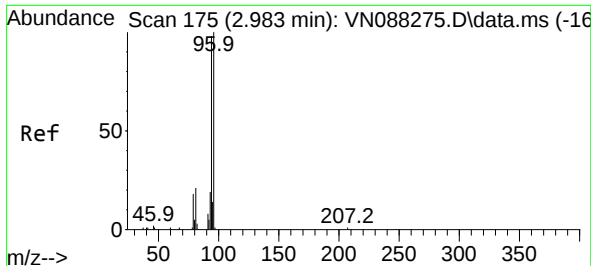


#4
Vinyl Chloride
Concen: 17.545 ug/l
RT: 2.536 min Scan# 99
Delta R.T. -0.000 min
Lab File: VN088364.D
Acq: 26 Nov 2025 10:15



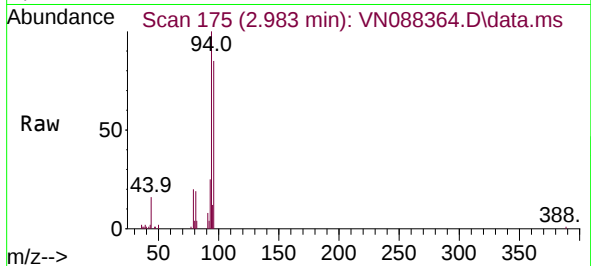
Tgt Ion: 62 Resp: 74045
Ion Ratio Lower Upper
62 100
64 32.7 25.4 38.2





#5
Bromomethane
Concen: 16.612 ug/l
RT: 2.983 min Scan# 175
Delta R.T. -0.000 min
Lab File: VN088364.D
Acq: 26 Nov 2025 10:15

Instrument :
MSVOA_N
ClientSampleId :
VN1126WBSD01

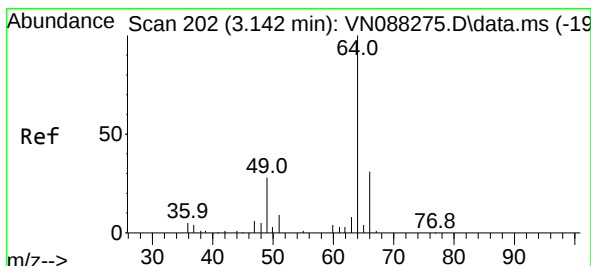
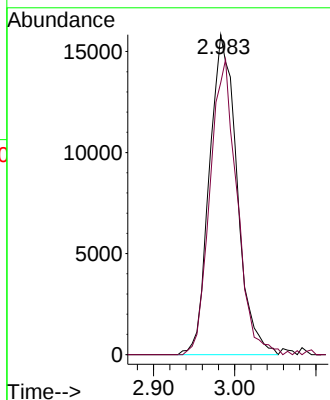
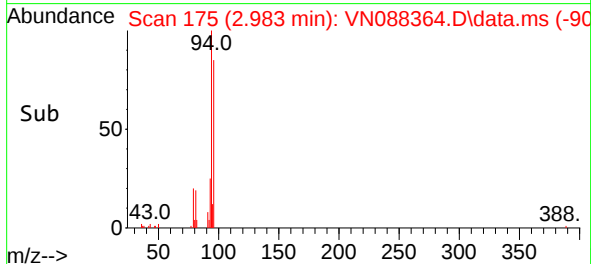


Tgt Ion: 94 Resp: 37382
Ion Ratio Lower Upper
94 100
96 85.0 81.3 121.9

Manual Integrations
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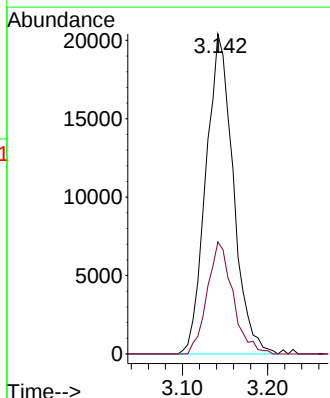
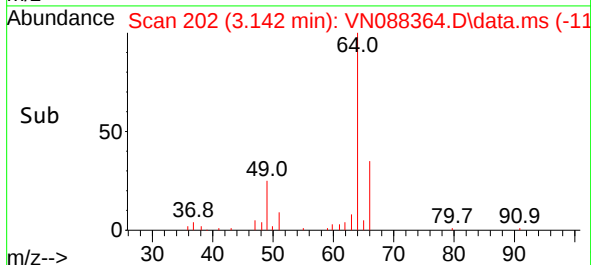
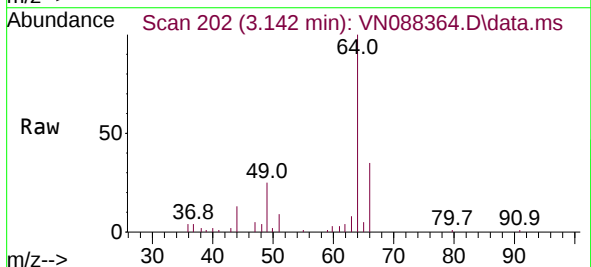
Reviewed By :John
Carlone
12/01/2025

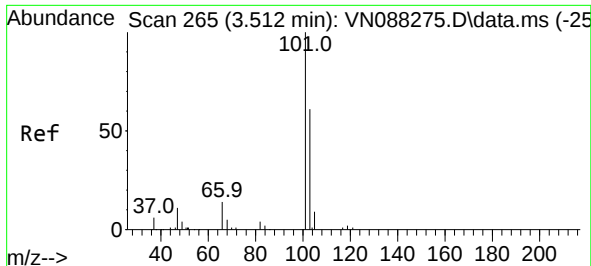
Supervised By :Semsettin
Yesilyurt
12/01/2025



#6
Chloroethane
Concen: 17.399 ug/l
RT: 3.142 min Scan# 202
Delta R.T. -0.000 min
Lab File: VN088364.D
Acq: 26 Nov 2025 10:15

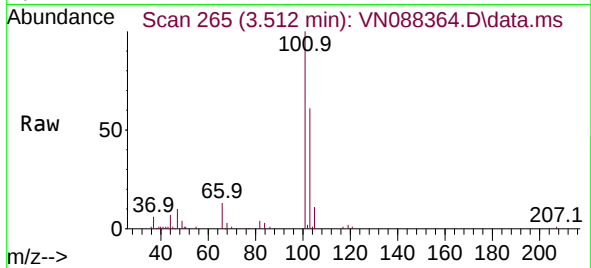
Tgt Ion: 64 Resp: 45387
Ion Ratio Lower Upper
64 100
66 35.0 24.7 37.1





#7
 Trichlorofluoromethane
 Concen: 17.960 ug/l
 RT: 3.512 min Scan# 265
 Delta R.T. -0.000 min
 Lab File: VN088364.D
 Acq: 26 Nov 2025 10:15

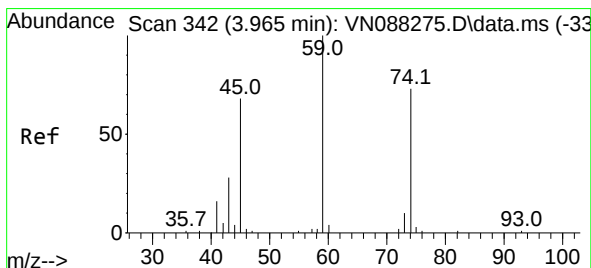
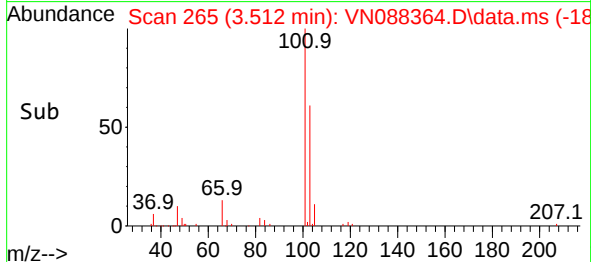
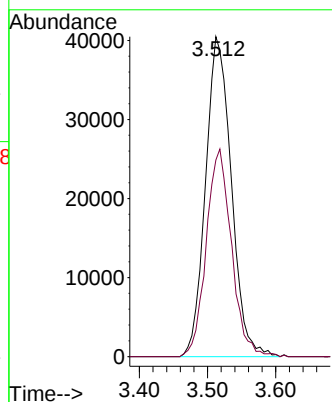
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1126WBSD01



Tgt Ion:101 Resp: 106268
 Ion Ratio Lower Upper
 101 100
 103 61.4 48.6 73.0

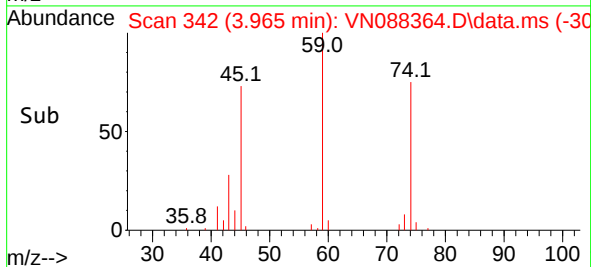
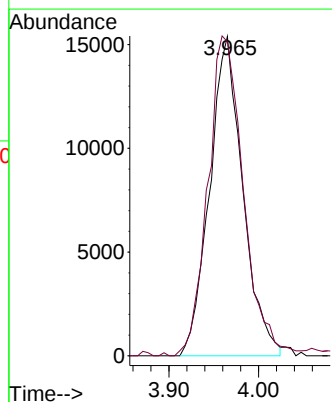
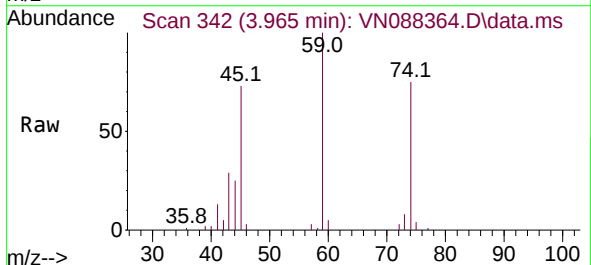
Manual Integrations
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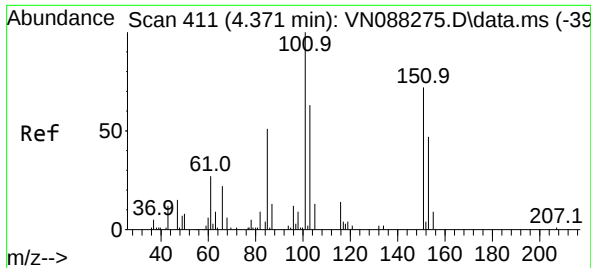
Reviewed By :John
 Carlone
 12/01/2025
 Supervised By :Semsettin
 Yesilyurt
 12/01/2025



#8
 Diethyl Ether
 Concen: 17.907 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. -0.000 min
 Lab File: VN088364.D
 Acq: 26 Nov 2025 10:15

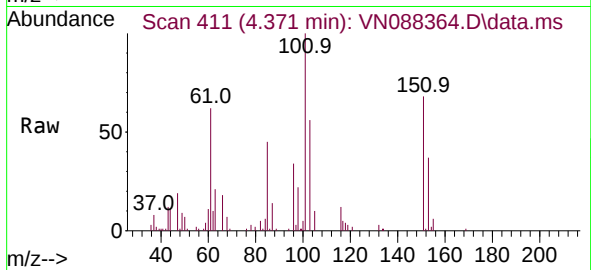
Tgt Ion: 74 Resp: 39602
 Ion Ratio Lower Upper
 74 100
 45 107.2 20.9 187.7





#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.306 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN088364.D
Acq: 26 Nov 2025 10:15

Instrument :
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VN1126WBSD01

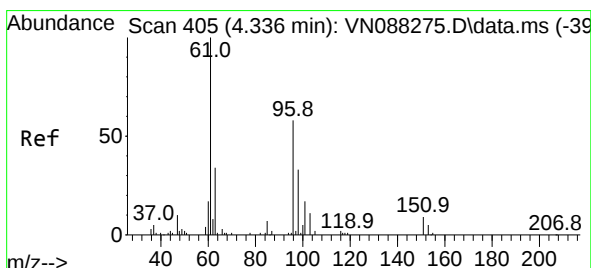
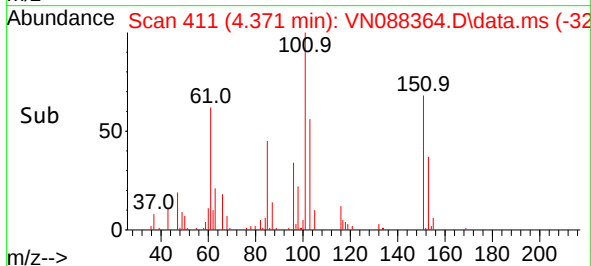
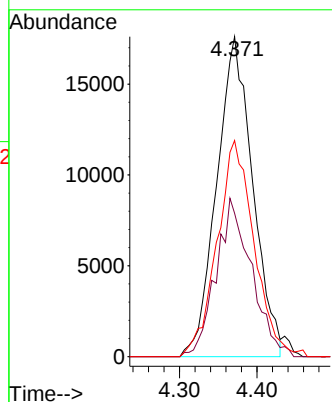


Tgt Ion: 101 Resp: 56825
Ion Ratio Lower Upper
101 100
85 48.7 0.0 100.8
151 69.2 0.0 138.4

Manual Integrations
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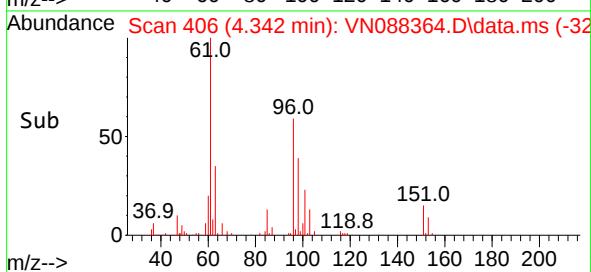
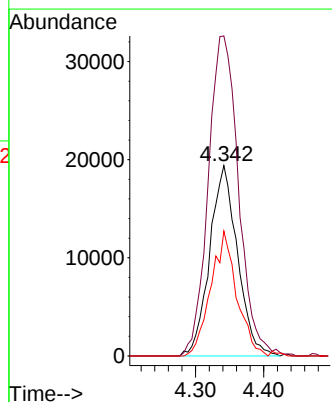
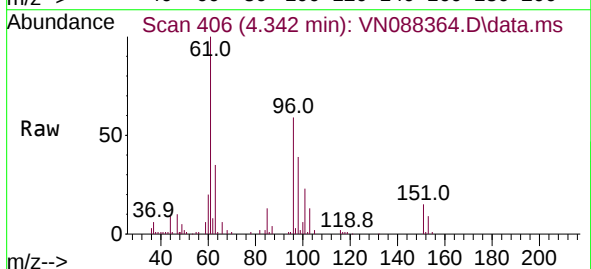
Reviewed By :John
Carlone
12/01/2025

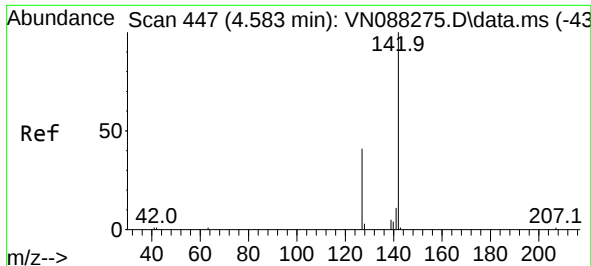
Supervised By :Semsettin
Yesilyurt
12/01/2025



#10
1,1-Dichloroethene
Concen: 18.127 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN088364.D
Acq: 26 Nov 2025 10:15

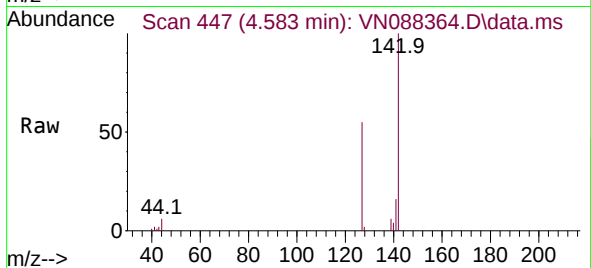
Tgt Ion: 96 Resp: 54895
Ion Ratio Lower Upper
96 100
61 168.2 137.8 206.8
98 65.6 45.6 68.4





#11
Methyl Iodide
Concen: 16.748 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.000 min
Lab File: VN088364.D
Acq: 26 Nov 2025 10:15

Instrument :
MSVOA_N
ClientSampleId :
VN1126WBSD01

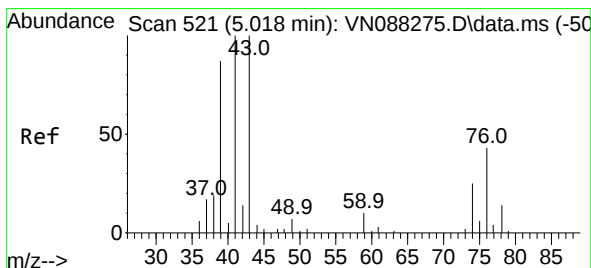
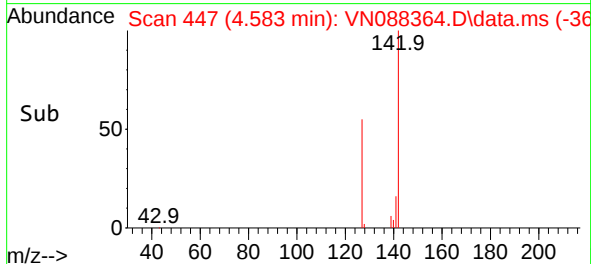
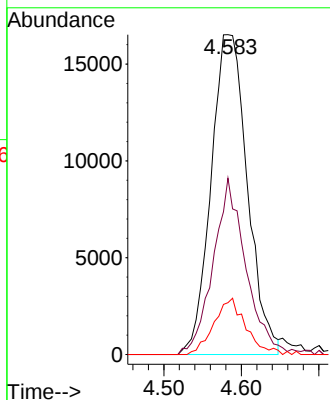


Tgt Ion:142 Resp: 53973
Ion Ratio Lower Upper
142 100
127 54.9 20.4 61.2
141 15.9 5.6 16.8

Manual Integrations
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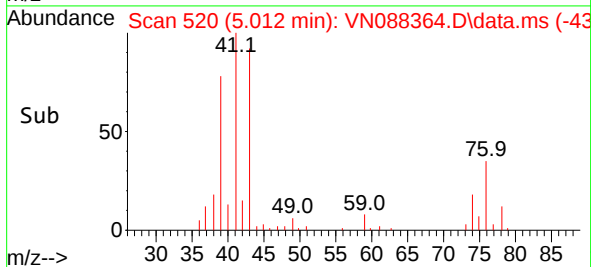
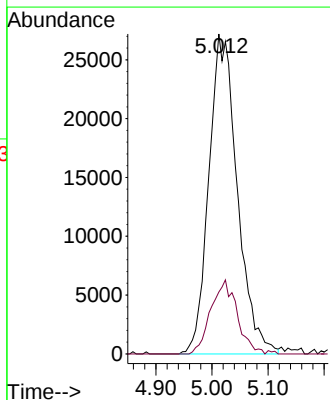
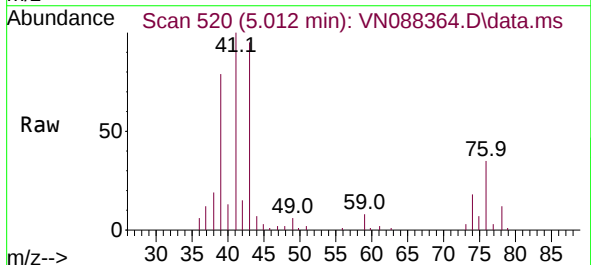
Reviewed By :John
Carlone
12/01/2025

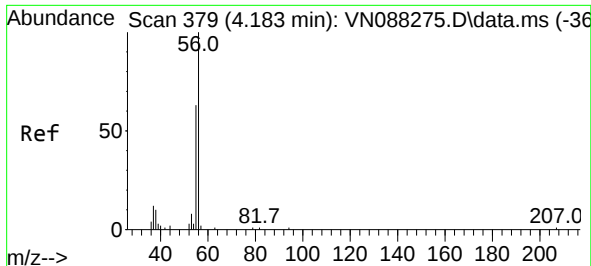
Supervised By :Semsettin
Yesilyurt
12/01/2025



#12
Methyl Acetate
Concen: 19.576 ug/l m
RT: 5.012 min Scan# 520
Delta R.T. -0.006 min
Lab File: VN088364.D
Acq: 26 Nov 2025 10:15

Tgt Ion: 43 Resp: 95640
Ion Ratio Lower Upper
43 100
74 19.3 19.8 29.8#





#13

Acrolein

Concen: 157.143 ug/l

RT: 4.177 min Scan# 31

Delta R.T. -0.006 min

Lab File: VN088364.D

Acq: 26 Nov 2025 10:15

Instrument :

MSVOA_N

ClientSampleId :

VN1126WBSD01

Tgt Ion: 56 Resp: 112954

Ion Ratio Lower Upper

56 100

55 70.5 57.9 86.9

Manual Integrations

APPROVED

Reviewed By :John

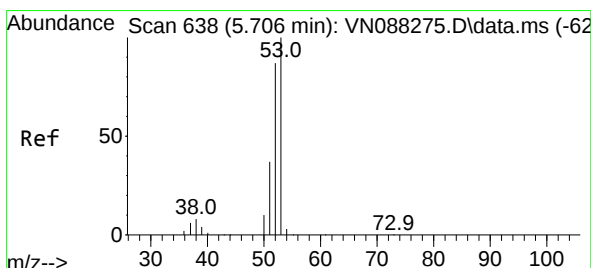
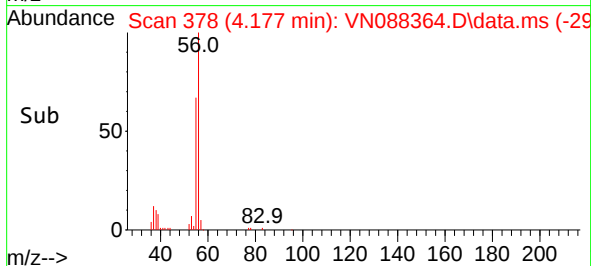
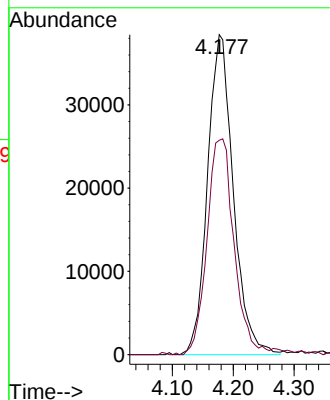
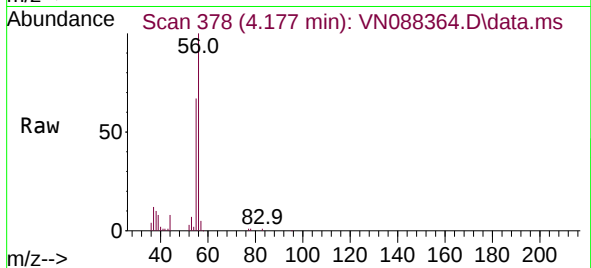
Carlone

12/01/2025

Supervised By :Semsetin

Yesilyurt

12/01/2025



#14

Acrylonitrile

Concen: 91.426 ug/l

RT: 5.712 min Scan# 639

Delta R.T. 0.006 min

Lab File: VN088364.D

Acq: 26 Nov 2025 10:15

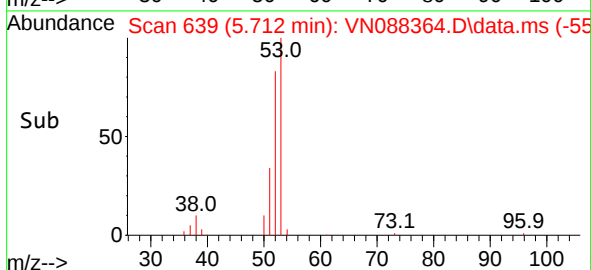
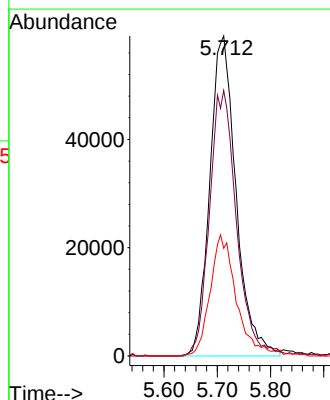
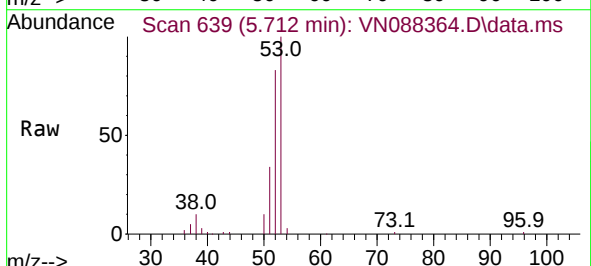
Tgt Ion: 53 Resp: 202961

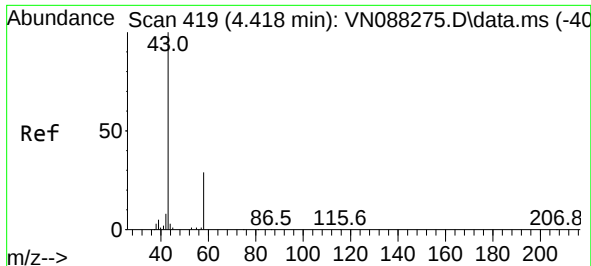
Ion Ratio Lower Upper

53 100

52 84.8 42.3 126.9

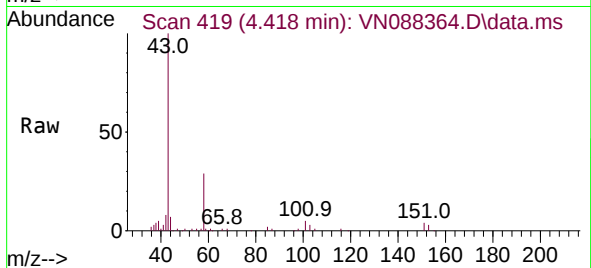
51 37.5 18.4 55.2





#15
Acetone
Concen: 68.635 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.000 min
Lab File: VN088364.D
Acq: 26 Nov 2025 10:15

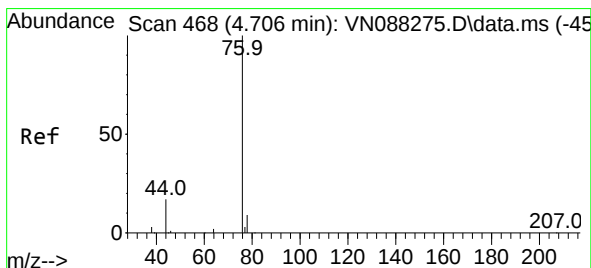
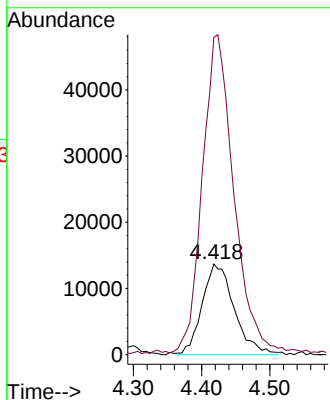
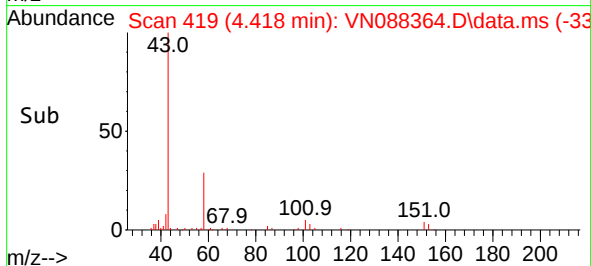
Instrument :
MSVOA_N
ClientSampleId :
VN1126WBSD01



Tgt Ion: 58 Resp: 44552
Ion Ratio Lower Upper
58 100
43 349.9 273.9 410.9

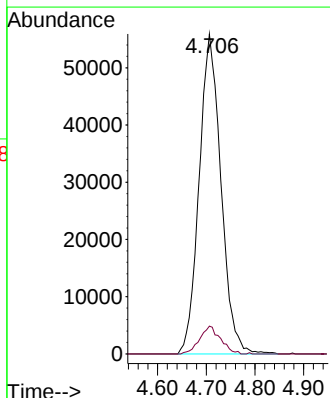
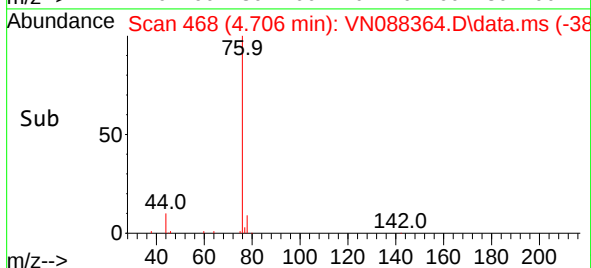
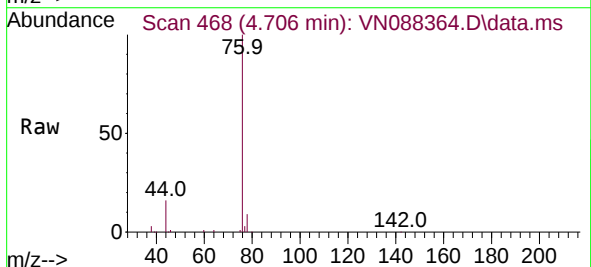
Manual Integrations
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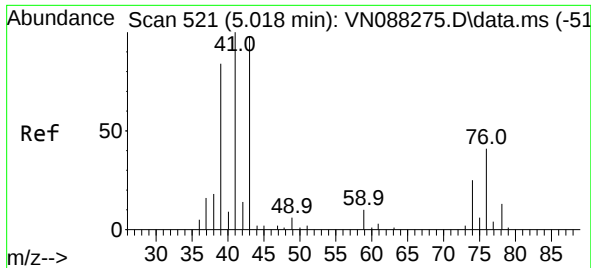
Reviewed By :John
Carlone
12/01/2025
Supervised By :Semsettin
Yesilyurt
12/01/2025



#16
Carbon Disulfide
Concen: 17.050 ug/l
RT: 4.706 min Scan# 468
Delta R.T. -0.000 min
Lab File: VN088364.D
Acq: 26 Nov 2025 10:15

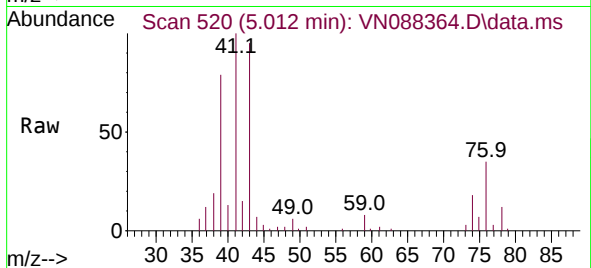
Tgt Ion: 76 Resp: 174134
Ion Ratio Lower Upper
76 100
78 8.7 7.5 11.3





#17
 Allyl chloride
 Concen: 17.052 ug/l
 RT: 5.012 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VN088364.D
 Acq: 26 Nov 2025 10:15

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1126WBSD01

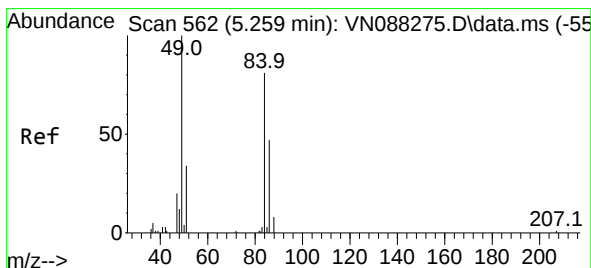
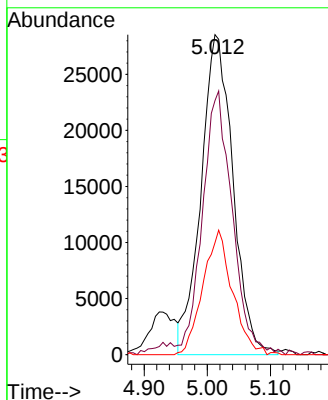
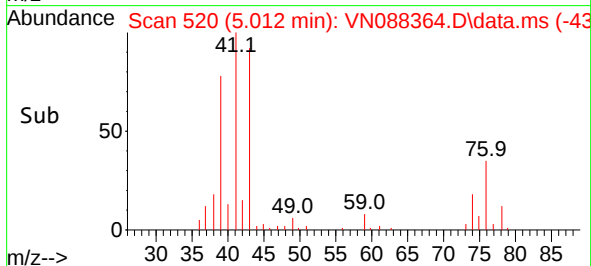


Tgt Ion:	41	Resp:	100349
Ion Ratio	41	100	
Lower	39	78.5	38.3
Upper	76	34.8	18.5

Manual Integrations
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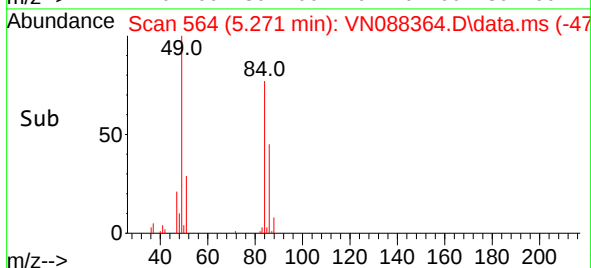
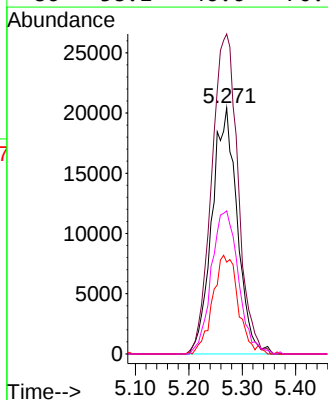
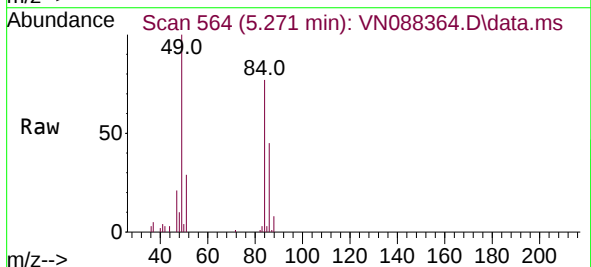
Reviewed By :John
 Carlone
 12/01/2025

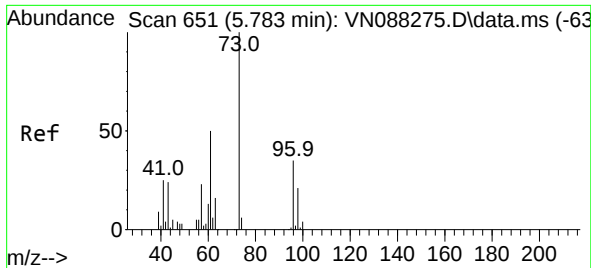
Supervised By :Semsettin
 Yesilyurt
 12/01/2025



#18
 Methylene Chloride
 Concen: 17.806 ug/l m
 RT: 5.271 min Scan# 564
 Delta R.T. 0.012 min
 Lab File: VN088364.D
 Acq: 26 Nov 2025 10:15

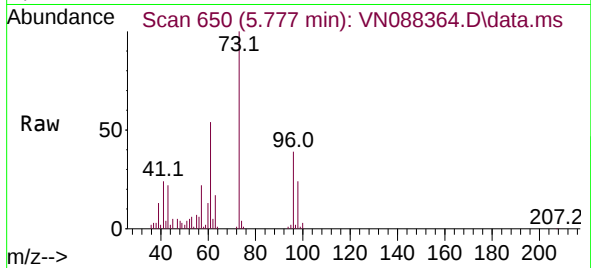
Tgt Ion:	84	Resp:	67024
Ion Ratio	84	100	
Lower	49	130.1	98.7
Upper	51	37.3	33.7
	86	58.1	46.6





#19
trans-1,2-Dichloroethene
Concen: 17.115 ug/l
RT: 5.777 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN088364.D
Acq: 26 Nov 2025 10:15

Instrument :
MSVOA_N
ClientSampleId :
VN1126WBSD01

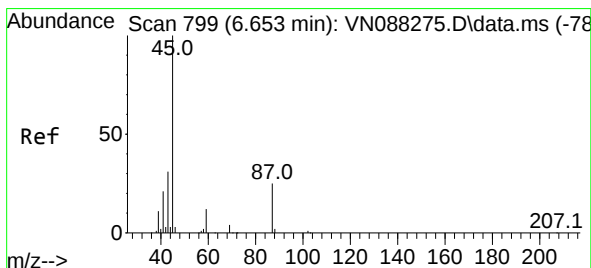
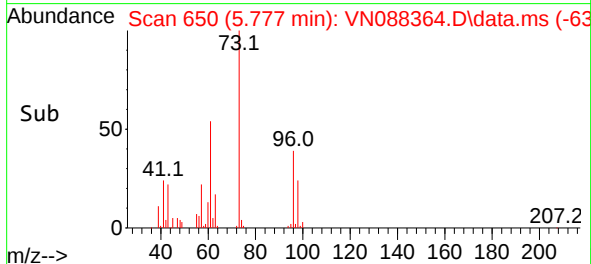
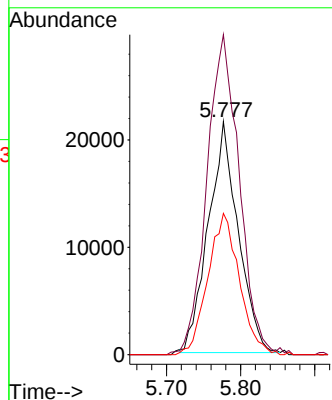


Tgt Ion: 96 Resp: 6035
Ion Ratio Lower Upper
96 100
61 136.8 117.0 175.4
98 61.1 48.6 72.8

Manual Integrations
APPROVED

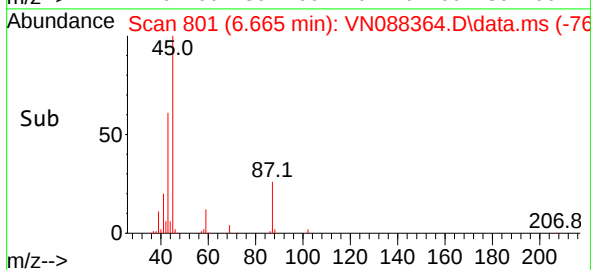
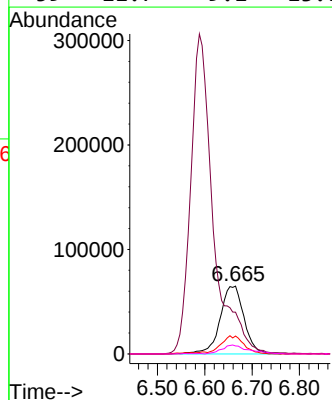
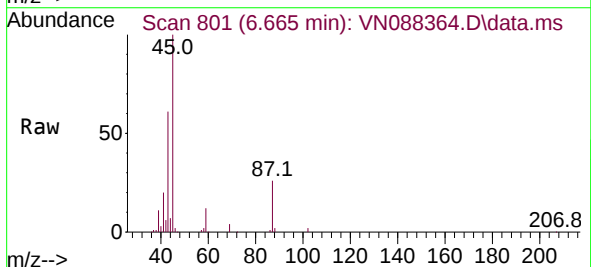
Reviewed By :John
Carlone
12/01/2025

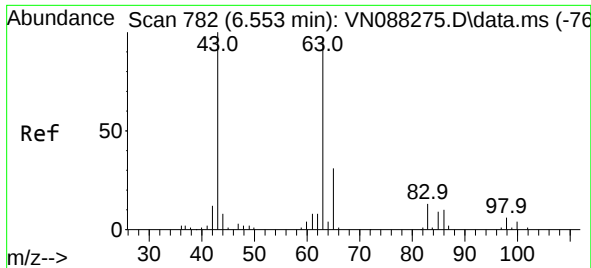
Supervised By :Semsetin
Yesilyurt
12/01/2025



#20
Diisopropyl ether
Concen: 18.025 ug/l
RT: 6.665 min Scan# 801
Delta R.T. 0.012 min
Lab File: VN088364.D
Acq: 26 Nov 2025 10:15

Tgt Ion: 45 Resp: 226663
Ion Ratio Lower Upper
45 100
43 60.0 51.9 77.9
87 26.3 21.1 31.7
59 11.7 9.1 13.7





#21
1,1-Dichloroethane
Concen: 17.804 ug/l
RT: 6.559 min Scan# 782
Delta R.T. 0.006 min
Lab File: VN088364.D
Acq: 26 Nov 2025 10:15

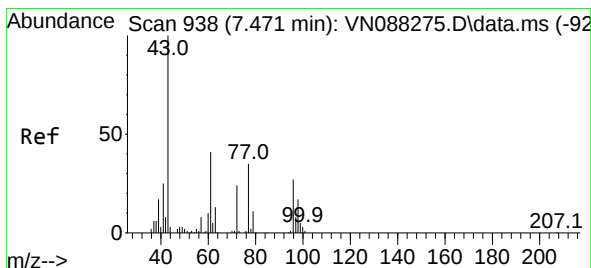
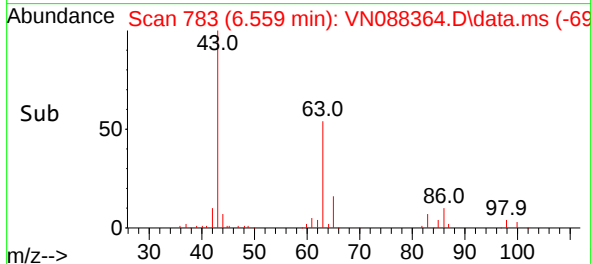
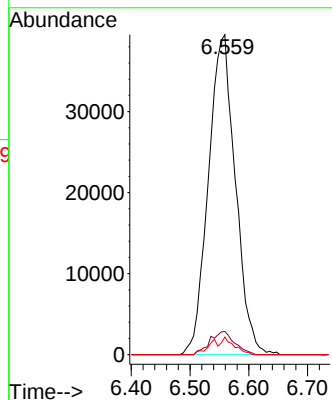
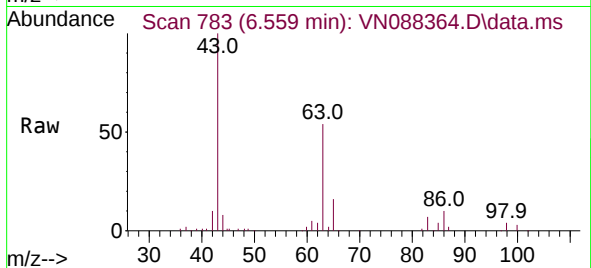
Instrument :
MSVOA_N
ClientSampleId :
VN1126WBSD01

Tgt Ion: 63 Resp: 126134
Ion Ratio Lower Upper
63 100
98 7.2 3.0 9.0
100 5.5 2.1 6.3

Manual Integrations
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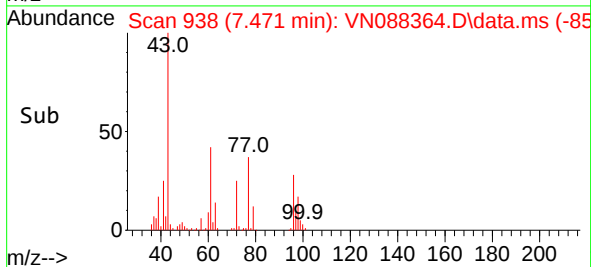
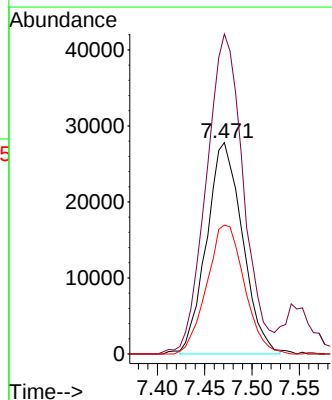
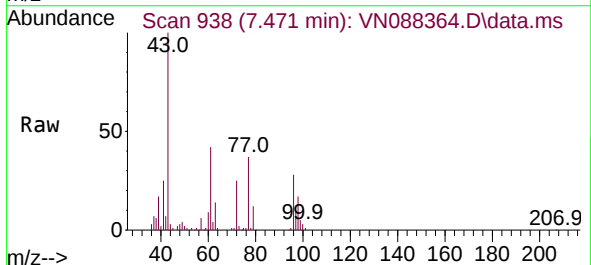
Reviewed By :John
Carlone
12/01/2025

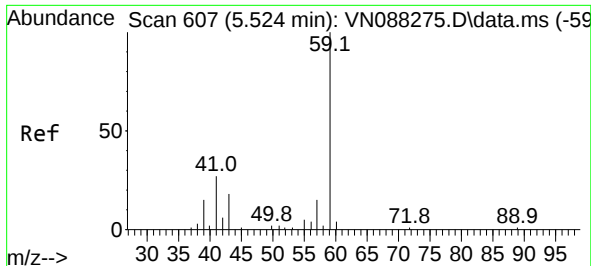
Supervised By :Semsettin
Yesilyurt
12/01/2025



#22
cis-1,2-Dichloroethene
Concen: 17.858 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.000 min
Lab File: VN088364.D
Acq: 26 Nov 2025 10:15

Tgt Ion: 96 Resp: 73193
Ion Ratio Lower Upper
96 100
61 157.2 131.2 196.8
98 63.7 51.0 76.4





#23
tert-Butyl Alcohol
Concen: 84.300 ug/l
RT: 5.518 min Scan# 607
Delta R.T. -0.006 min
Lab File: VN088364.D
Acq: 26 Nov 2025 10:15

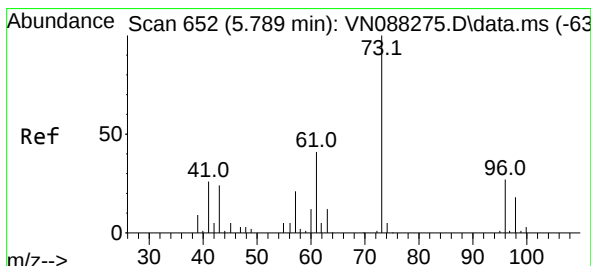
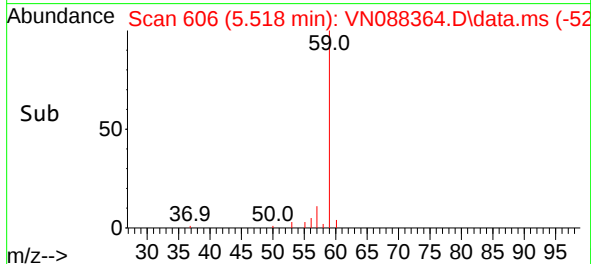
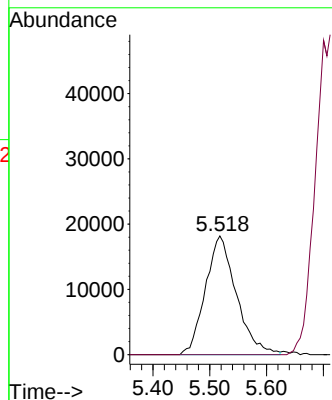
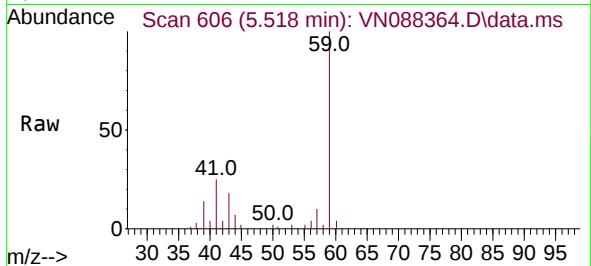
Instrument :
MSVOA_N
ClientSampleId :
VN1126WBSD01

Tgt Ion: 59 Resp: 68813
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

Manual Integrations
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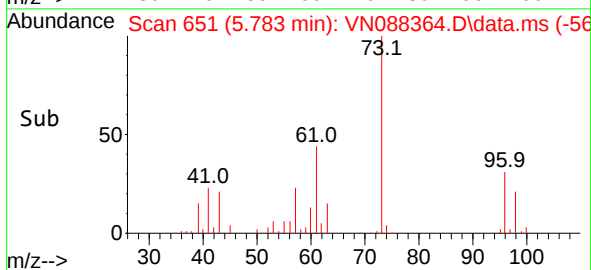
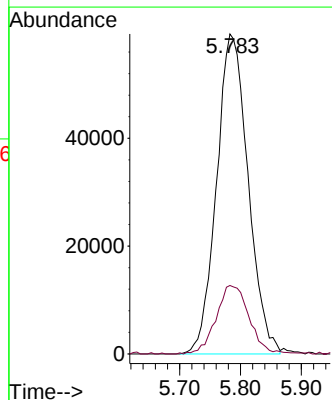
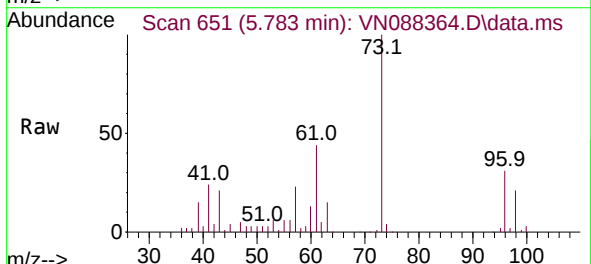
Reviewed By :John
Carlone
12/01/2025

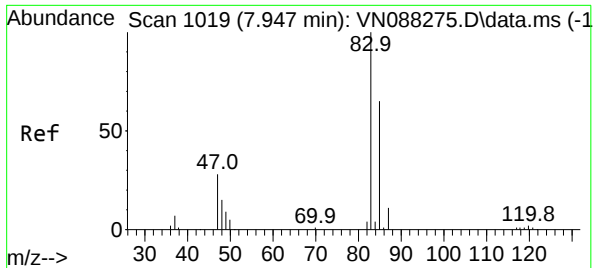
Supervised By :Semsetin
Yesilyurt
12/01/2025



#24
Methyl tert-Butyl Ether
Concen: 17.485 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.006 min
Lab File: VN088364.D
Acq: 26 Nov 2025 10:15

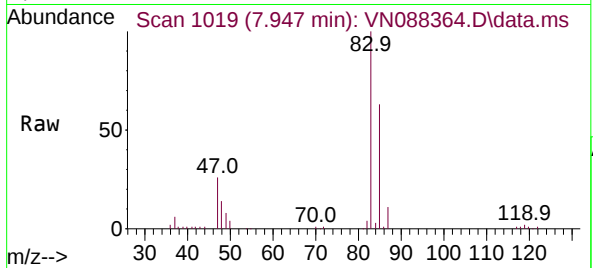
Tgt Ion: 73 Resp: 213483
Ion Ratio Lower Upper
73 100
43 22.0 18.5 27.7





#25
Chloroform
Concen: 18.144 ug/l
RT: 7.947 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VN088364.D
Acq: 26 Nov 2025 10:15

Instrument :
MSVOA_N
ClientSampleId :
VN1126WBSD01

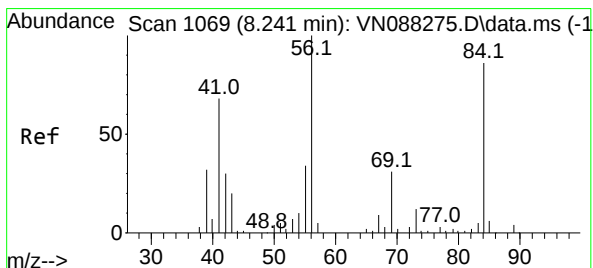
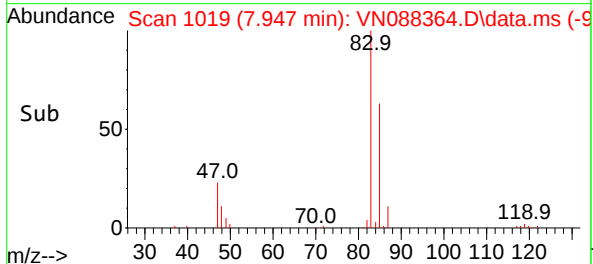
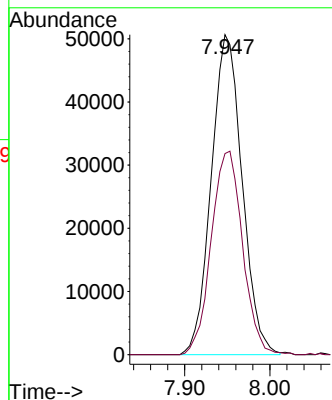


Tgt Ion: 83 Resp: 127373
Ion Ratio Lower Upper
83 100
85 62.8 52.2 78.4

Manual Integrations
APPROVED

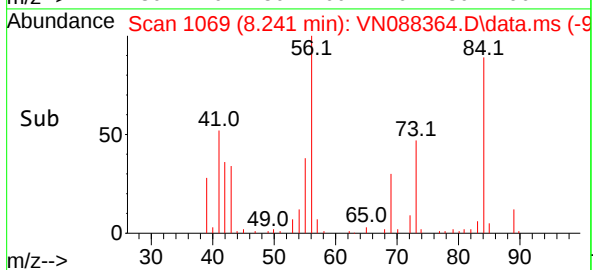
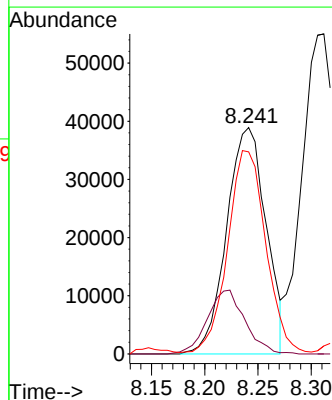
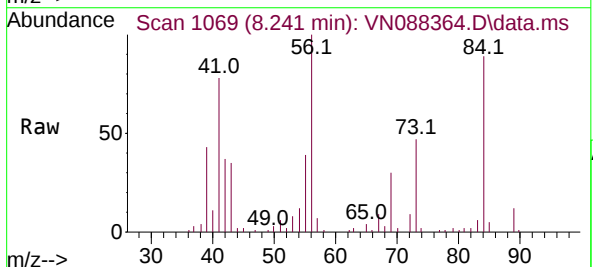
Reviewed By :John
Carlone
12/01/2025

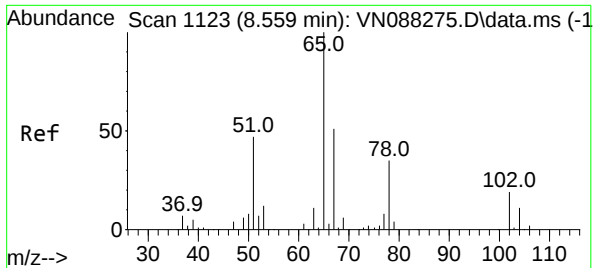
Supervised By :Semsettin
Yesilyurt
12/01/2025



#26
Cyclohexane
Concen: 16.735 ug/l
RT: 8.241 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VN088364.D
Acq: 26 Nov 2025 10:15

Tgt Ion: 56 Resp: 100145
Ion Ratio Lower Upper
56 100
89 26.7 7.3 10.9#
84 87.4 67.8 101.8





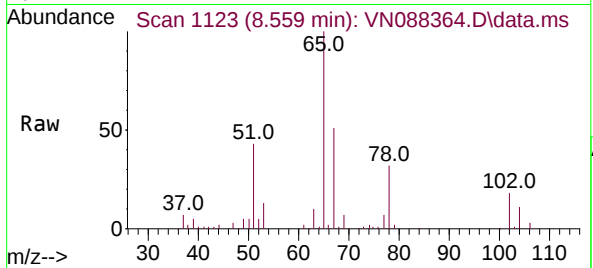
#27
1,2-Dichloroethane-d4
Concen: 28.013 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. -0.000 min
Lab File: VN088364.D
Acq: 26 Nov 2025 10:15

Instrument :

MSVOA_N

ClientSampleId :

VN1126WBSD01



Tgt Ion: 65 Resp: 140916
Ion Ratio Lower Upper
65 100
67 50.7 40.2 60.2

Manual Integrations

APPROVED

Reviewed By :John

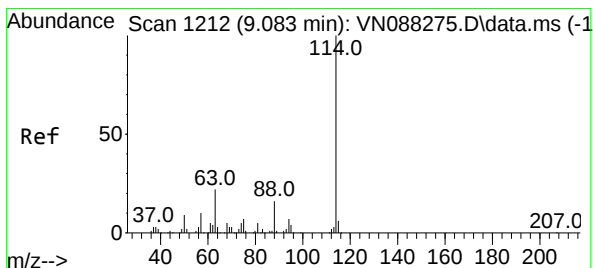
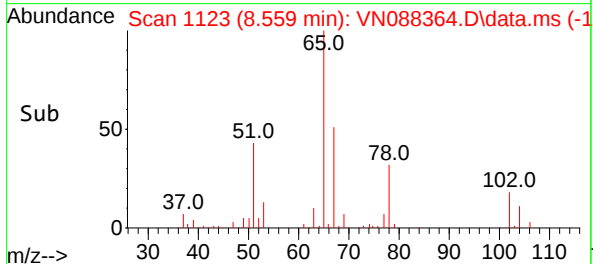
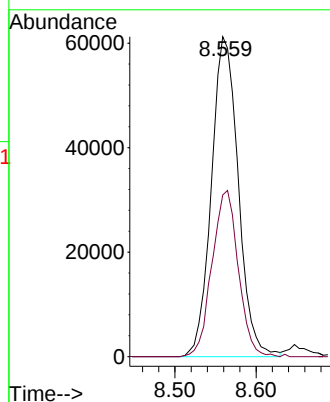
Carlone

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Supervised By :Semsettin

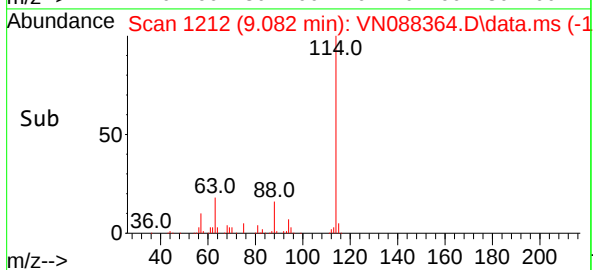
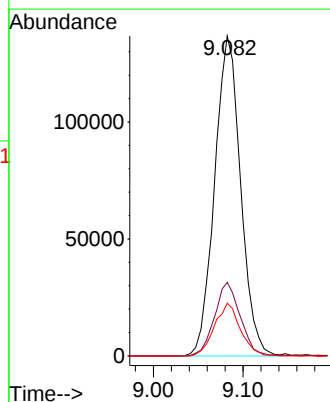
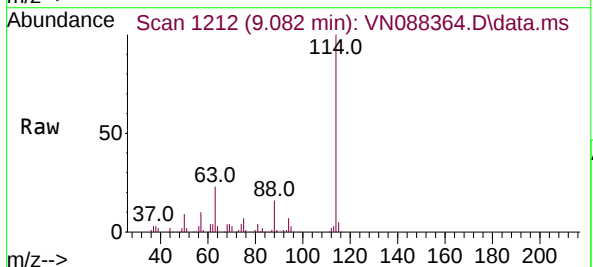
Yesilyurt

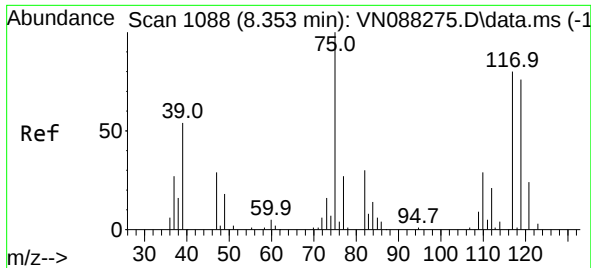
12/01/2025



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.082 min Scan# 1212
Delta R.T. -0.000 min
Lab File: VN088364.D
Acq: 26 Nov 2025 10:15

Tgt Ion:114 Resp: 276184
Ion Ratio Lower Upper
114 100
63 22.8 18.9 28.3
88 16.3 12.8 19.2





#29

1,1-Dichloropropene

Concen: 18.438 ug/l

RT: 8.353 min Scan# 1088

Delta R.T. -0.000 min

Lab File: VN088364.D

Acq: 26 Nov 2025 10:15

Instrument :

MSVOA_N

ClientSampleId :

VN1126WBSD01

Tgt Ion: 75 Resp: 84965

Ion	Ratio	Lower	Upper
75	100		
110	33.1	0.0	65.6
77	32.4	0.0	60.8

Manual Integrations
APPROVED

Reviewed By :John

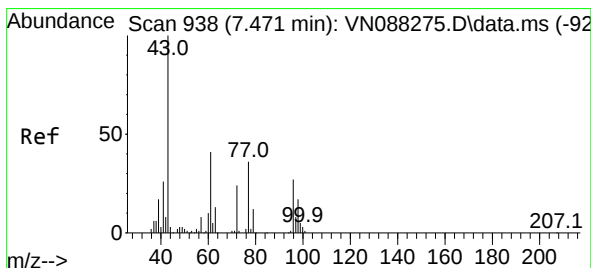
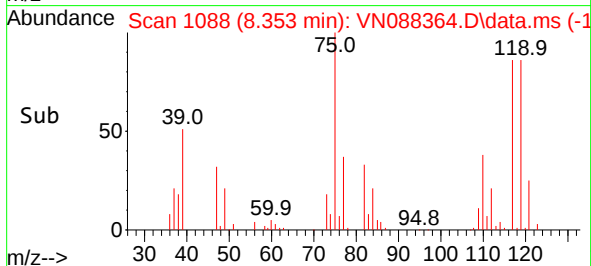
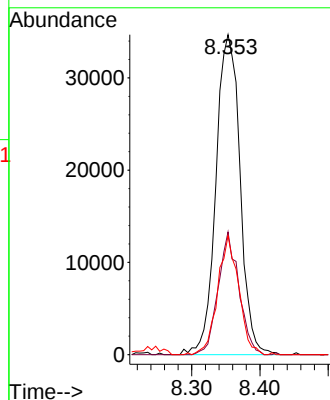
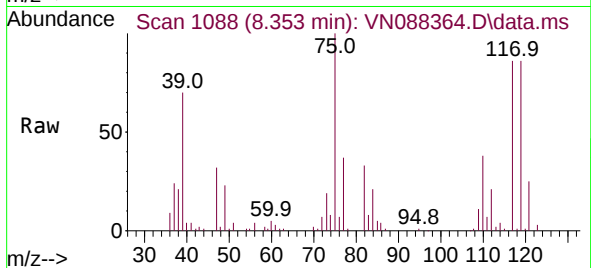
Carlone

12/01/2025

Supervised By :Semsettin

Yesilyurt

12/01/2025



#30

2-Butanone

Concen: 89.717 ug/l

RT: 7.471 min Scan# 938

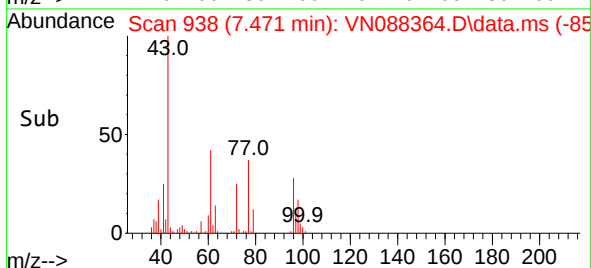
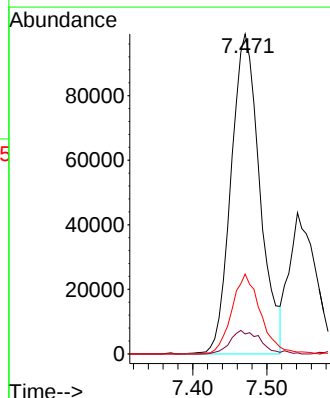
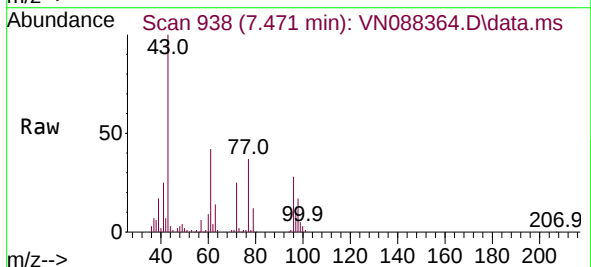
Delta R.T. -0.000 min

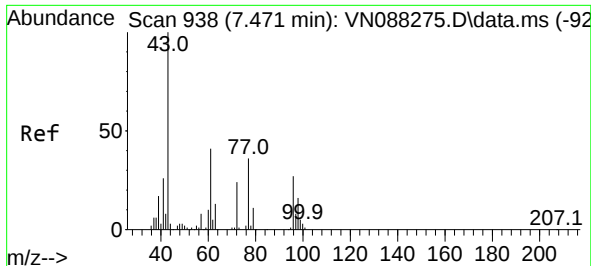
Lab File: VN088364.D

Acq: 26 Nov 2025 10:15

Tgt Ion: 43 Resp: 267438

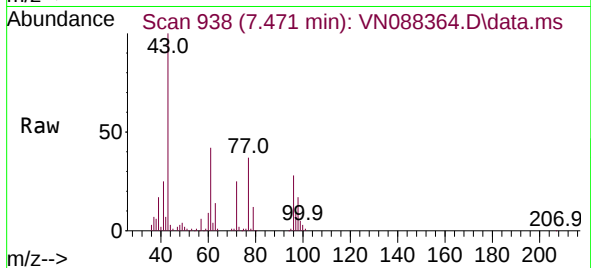
Ion	Ratio	Lower	Upper
43	100		
57	7.4	6.2	9.4
72	24.7	19.4	29.2





#31
2,2-Dichloropropane
Concen: 18.962 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.000 min
Lab File: VN088364.D
Acq: 26 Nov 2025 10:15

Instrument :
MSVOA_N
ClientSampleId :
VN1126WBSD01

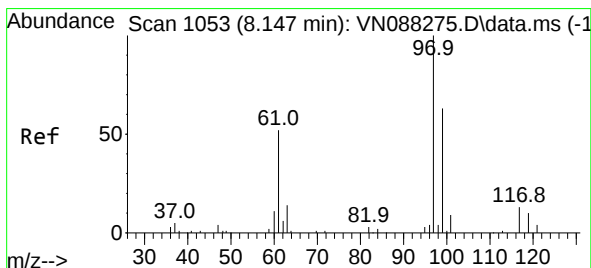
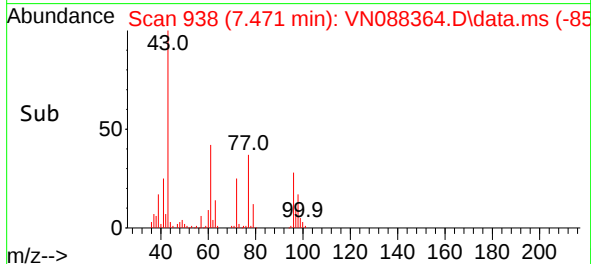
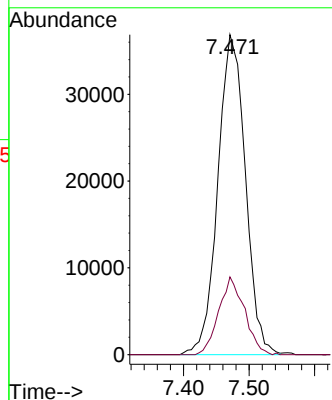


Tgt Ion: 77 Resp: 107772
Ion Ratio Lower Upper
77 100
97 22.6 16.8 25.2

Manual Integrations
APPROVED

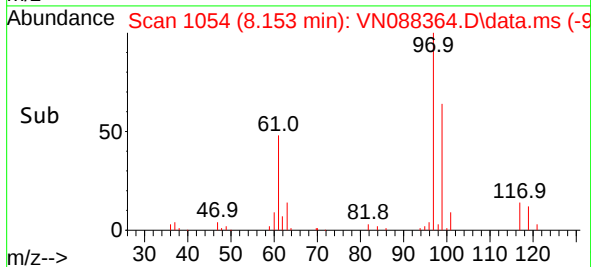
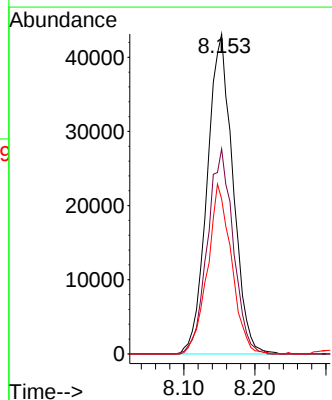
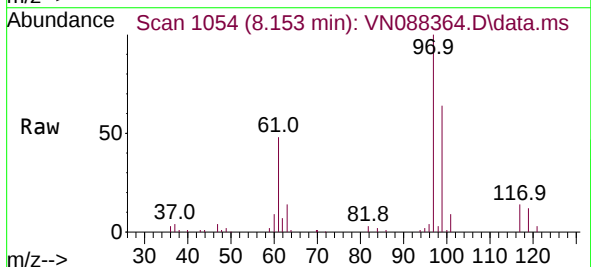
Reviewed By :John
Carlone
12/01/2025

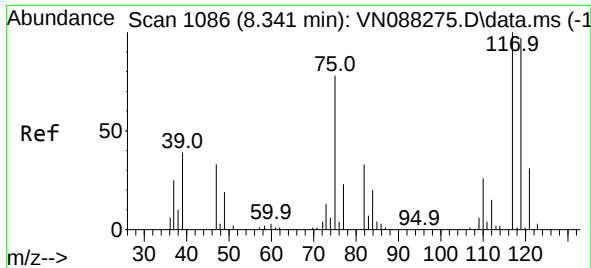
Supervised By :Semsettin
Yesilyurt
12/01/2025



#32
1,1,1-Trichloroethane
Concen: 19.109 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VN088364.D
Acq: 26 Nov 2025 10:15

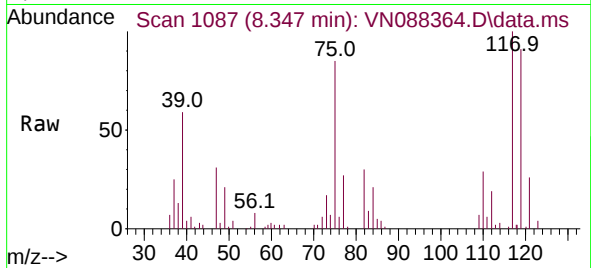
Tgt Ion: 97 Resp: 108557
Ion Ratio Lower Upper
97 100
99 64.1 50.2 75.4
61 49.4 39.8 59.8





#33
Carbon Tetrachloride
Concen: 18.566 ug/l
RT: 8.347 min Scan# 1086
Delta R.T. 0.006 min
Lab File: VN088364.D
Acq: 26 Nov 2025 10:15

Instrument :
MSVOA_N
ClientSampleId :
VN1126WBSD01

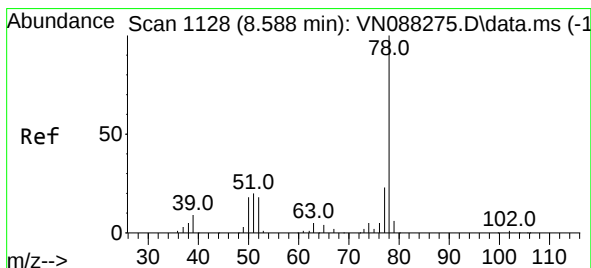
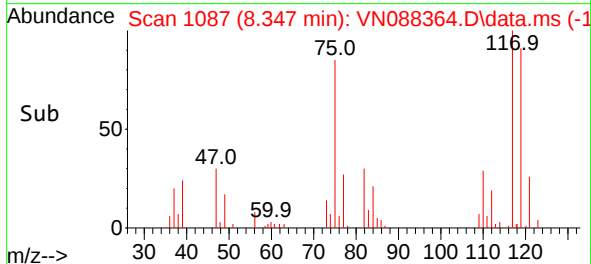
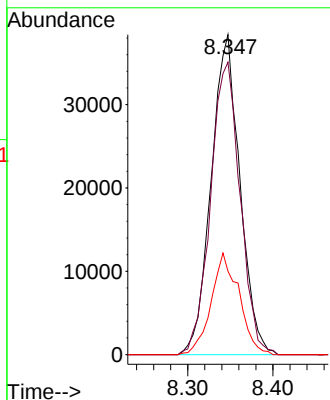


Tgt Ion:117 Resp: 90068
Ion Ratio Lower Upper
117 100
119 91.4 77.8 116.8
121 26.1 24.5 36.7

Manual Integrations
APPROVED

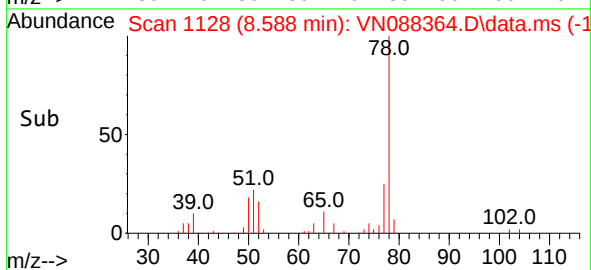
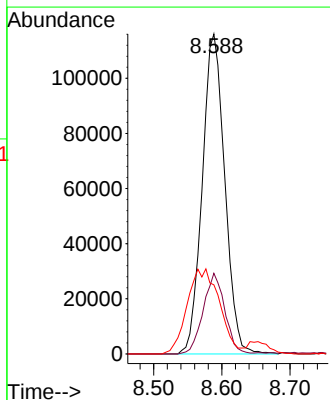
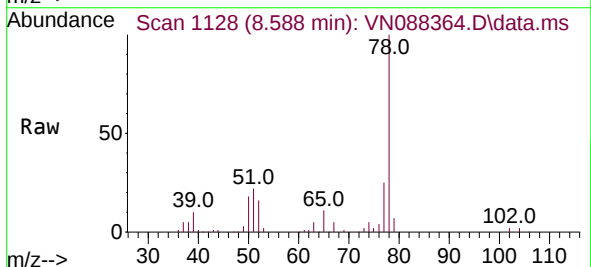
Reviewed By :John
Carlone
12/01/2025

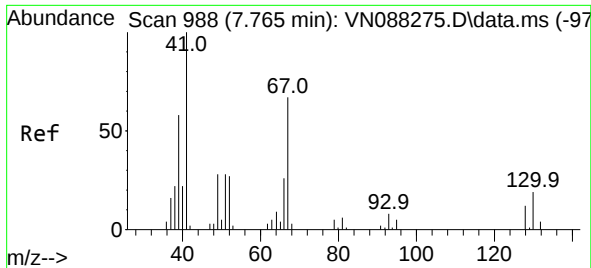
Supervised By :Semsettin
Yesilyurt
12/01/2025



#34
Benzene
Concen: 19.316 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VN088364.D
Acq: 26 Nov 2025 10:15

Tgt Ion: 78 Resp: 266068
Ion Ratio Lower Upper
78 100
77 25.2 18.6 27.8
51 21.0 15.8 23.8





#35
Methacrylonitrile
Concen: 19.378 ug/l
RT: 7.759 min Scan# 987
Delta R.T. -0.006 min
Lab File: VN088364.D
Acq: 26 Nov 2025 10:15

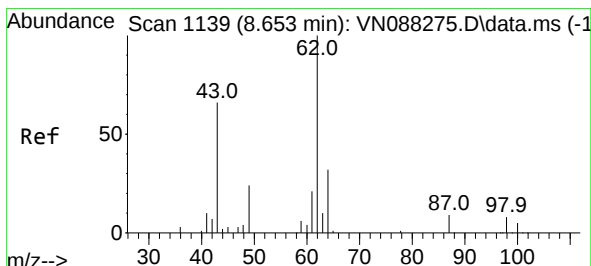
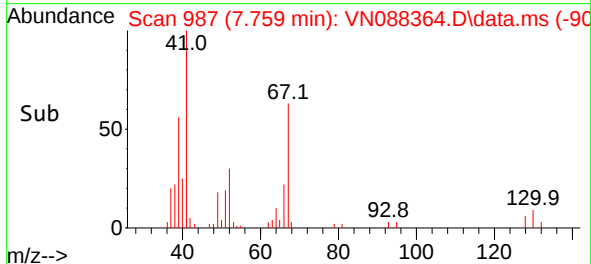
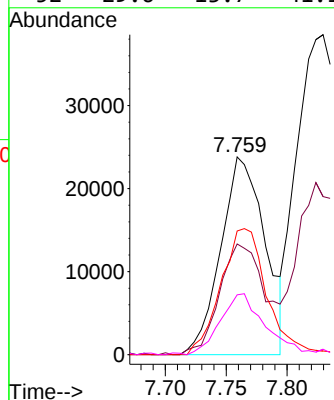
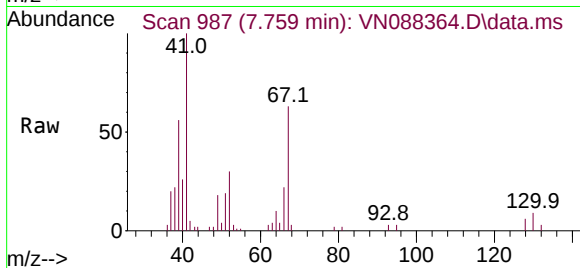
Instrument :
MSVOA_N
ClientSampleId :
VN1126WBSD01

Tgt Ion: 41 Resp: 60253
Ion Ratio Lower Upper
41 100
39 55.9 29.0 87.0
67 62.5 33.3 99.9
52 29.6 13.7 41.1

Manual Integrations
APPROVED

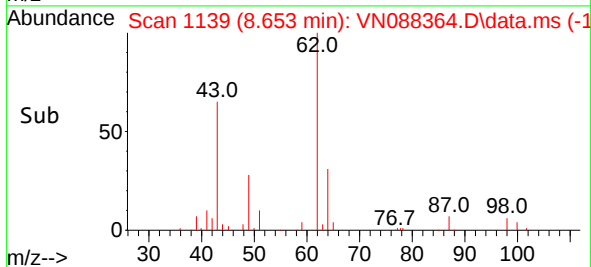
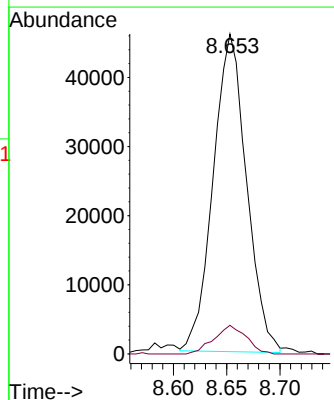
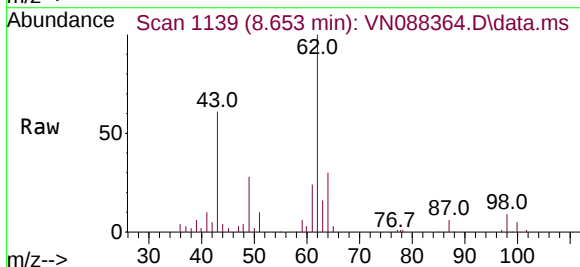
Reviewed By :John
Carlone
12/01/2025

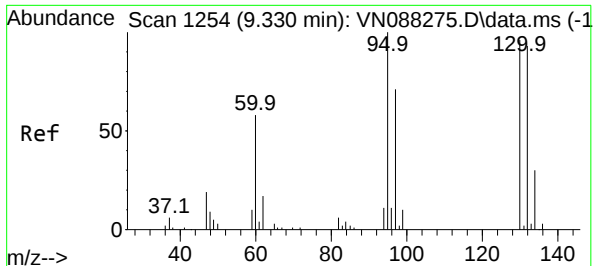
Supervised By :Semsettin
Yesilyurt
12/01/2025



#36
1,2-Dichloroethane
Concen: 18.690 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. -0.000 min
Lab File: VN088364.D
Acq: 26 Nov 2025 10:15

Tgt Ion: 62 Resp: 100191
Ion Ratio Lower Upper
62 100
98 8.6 6.8 10.2





#37

Trichloroethene

Concen: 20.146 ug/l

RT: 9.335 min Scan# 1255

Delta R.T. 0.006 min

Lab File: VN088364.D

Acq: 26 Nov 2025 10:15

Instrument :

MSVOA_N

ClientSampleId :

VN1126WBSD01

Tgt Ion:130 Resp: 62886

Ion Ratio Lower Upper

130 100

95 104.1 83.7 125.5

Manual Integrations

APPROVED

Reviewed By :John

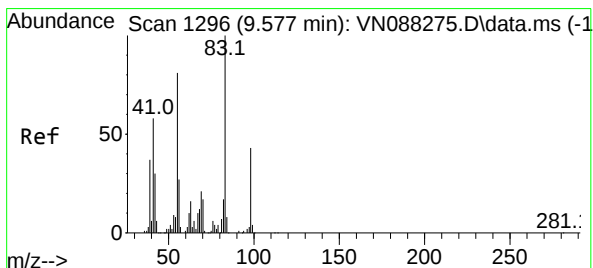
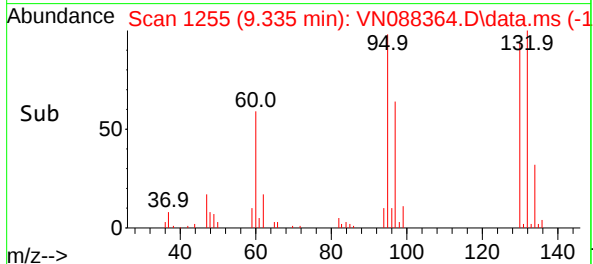
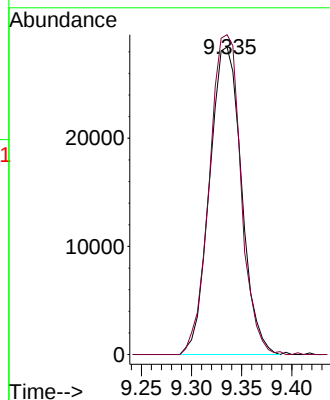
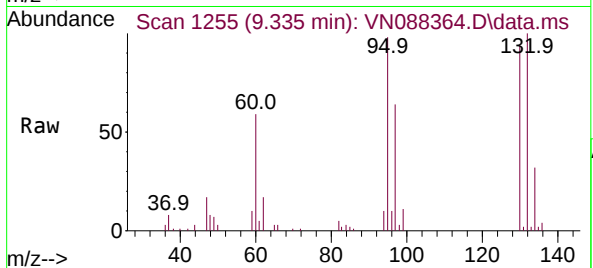
Carlone

12/01/2025

Supervised By :Semsettin

Yesilyurt

12/01/2025



#38

Methylcyclohexane

Concen: 17.931 ug/l

RT: 9.582 min Scan# 1297

Delta R.T. 0.006 min

Lab File: VN088364.D

Acq: 26 Nov 2025 10:15

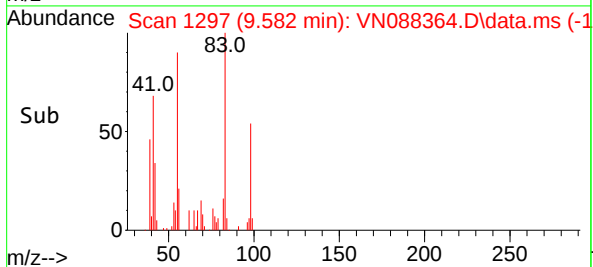
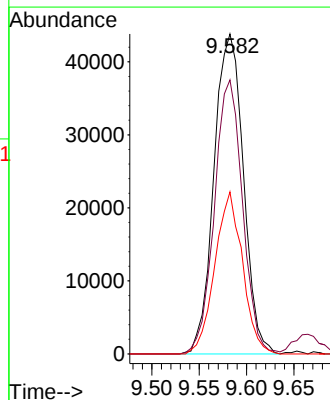
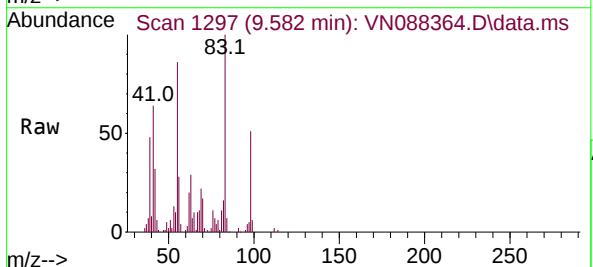
Tgt Ion: 83 Resp: 94733

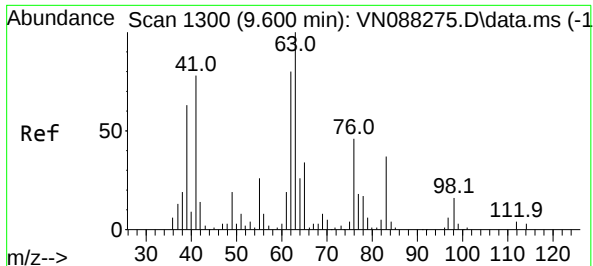
Ion Ratio Lower Upper

83 100

55 82.0 40.8 122.5

98 47.6 23.4 70.3





#39

1,2-Dichloropropane

Concen: 19.584 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. -0.000 min

Lab File: VN088364.D

Acq: 26 Nov 2025 10:15

Instrument :

MSVOA_N

ClientSampleId :

VN1126WBSD01

Tgt Ion: 63 Resp: 69596

Ion Ratio Lower Upper

63 100

65 28.8 27.8 41.6

Manual Integrations

APPROVED

Reviewed By :John

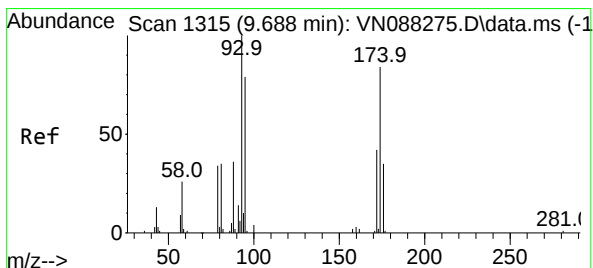
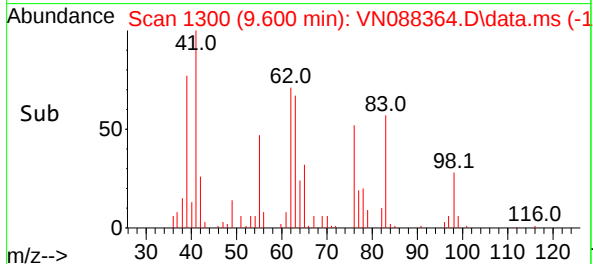
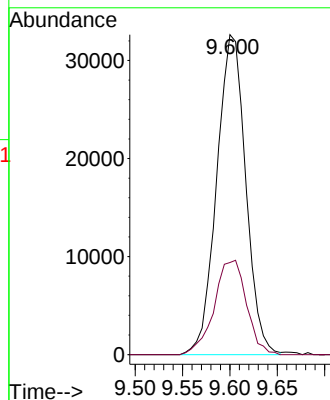
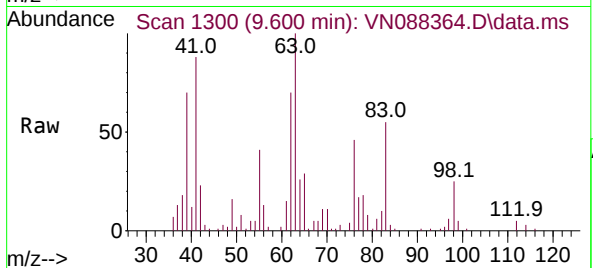
Carlone

12/01/2025

Supervised By :Semsetin

Yesilyurt

12/01/2025



#40

Dibromomethane

Concen: 19.669 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.006 min

Lab File: VN088364.D

Acq: 26 Nov 2025 10:15

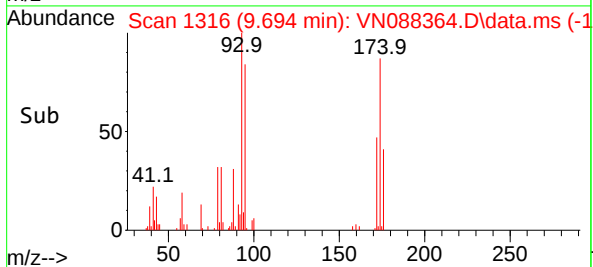
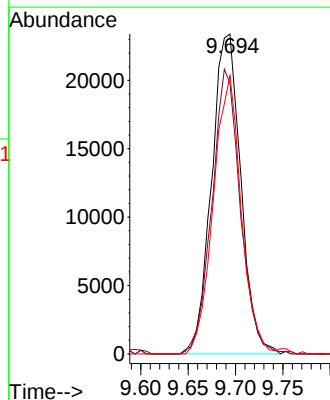
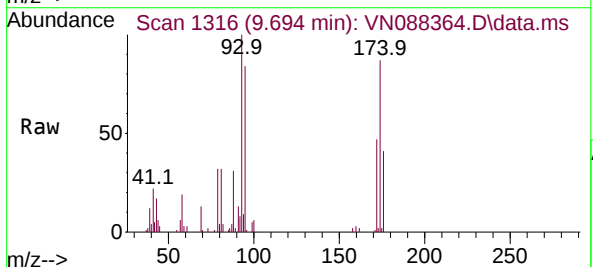
Tgt Ion: 93 Resp: 50222

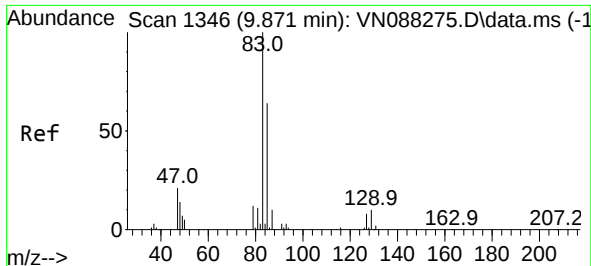
Ion Ratio Lower Upper

93 100

95 86.0 0.0 161.6

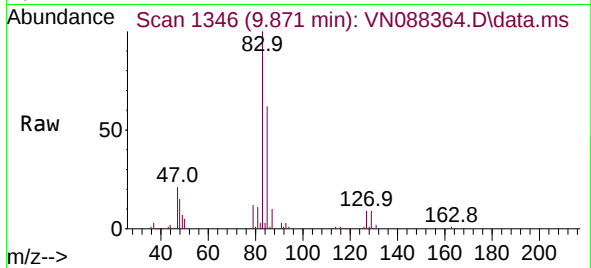
174 82.6 0.0 158.2





#41
Bromodichloromethane
Concen: 19.471 ug/l
RT: 9.871 min Scan# 1346
Delta R.T. -0.000 min
Lab File: VN088364.D
Acq: 26 Nov 2025 10:15

Instrument :
MSVOA_N
ClientSampleId :
VN1126WBSD01

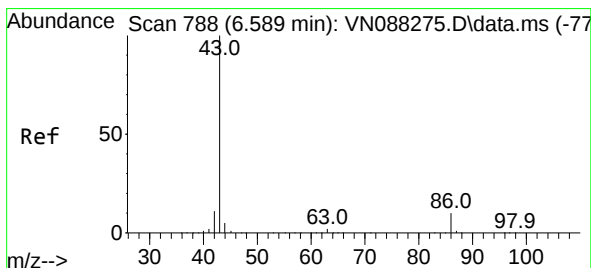
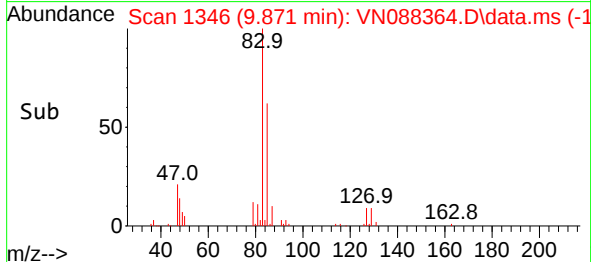
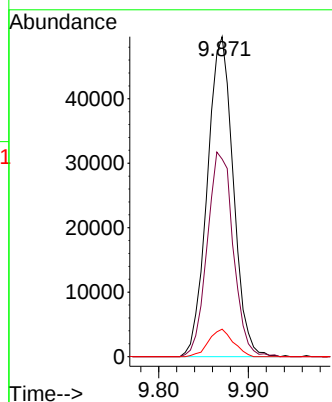


Tgt Ion: 83 Resp: 100079
Ion Ratio Lower Upper
83 100
85 61.7 51.4 77.2
127 8.6 6.4 9.6

Manual Integrations
APPROVED

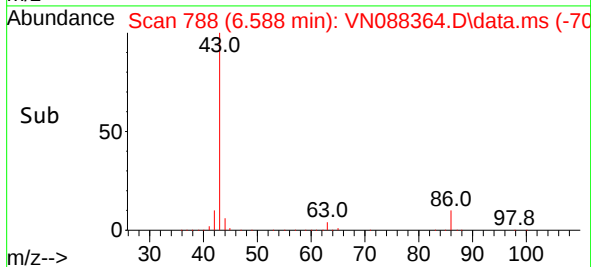
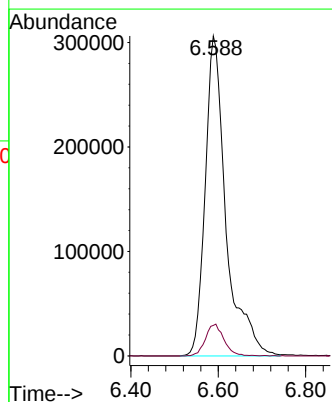
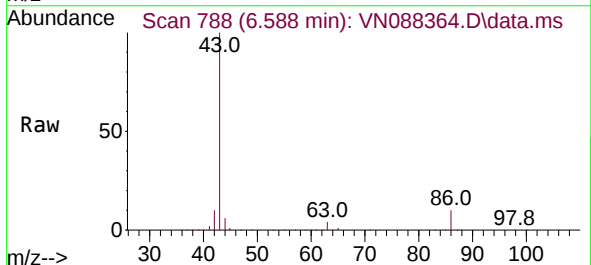
Reviewed By :John
Carlone
12/01/2025

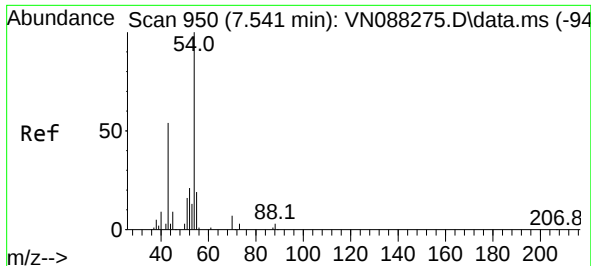
Supervised By :Semsettin
Yesilyurt
12/01/2025



#42
Vinyl Acetate
Concen: 101.567 ug/l
RT: 6.588 min Scan# 788
Delta R.T. -0.000 min
Lab File: VN088364.D
Acq: 26 Nov 2025 10:15

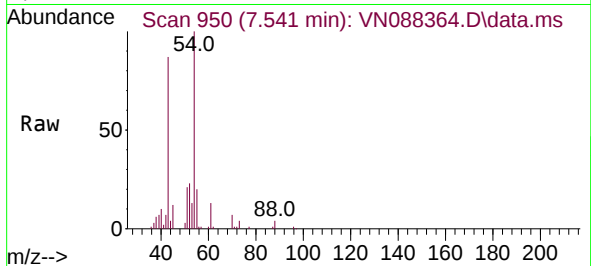
Tgt Ion: 43 Resp: 1010500
Ion Ratio Lower Upper
43 100
86 8.8 7.4 11.2





#43
Ethyl Acetate
Concen: 18.035 ug/l
RT: 7.541 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN088364.D
Acq: 26 Nov 2025 10:15

Instrument :
MSVOA_N
ClientSampleId :
VN1126WBSD01

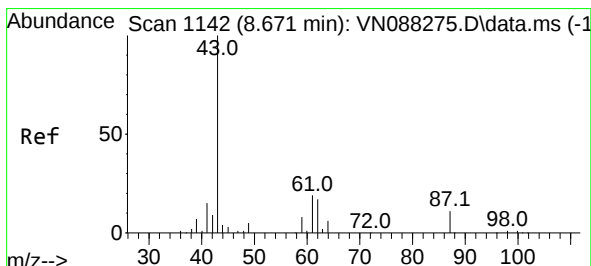
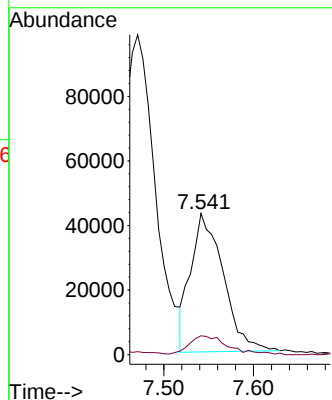
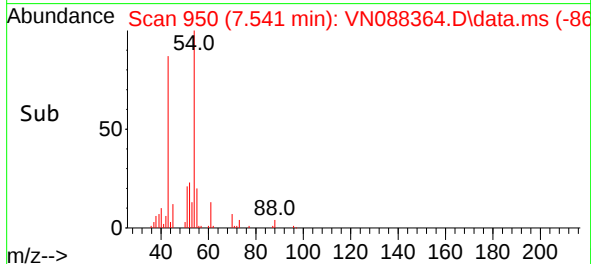


Tgt Ion: 43 Resp: 108169
Ion Ratio Lower Upper
43 100
45 13.9 9.9 14.9

Manual Integrations
APPROVED

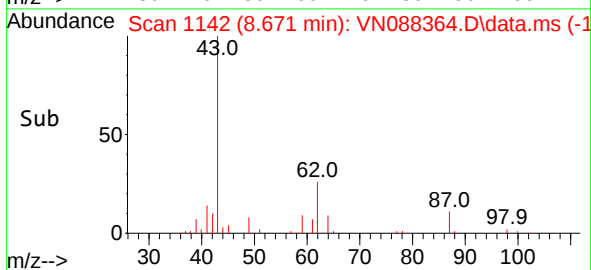
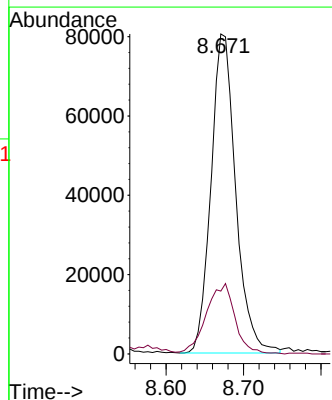
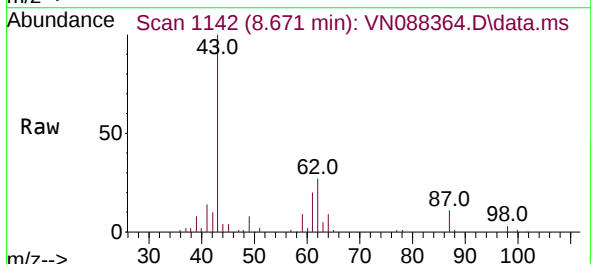
Reviewed By :John
Carlone
12/01/2025

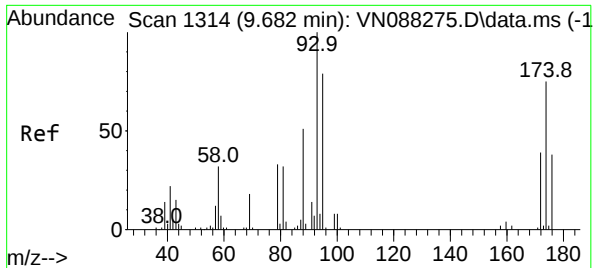
Supervised By :Semsettin
Yesilyurt
12/01/2025



#44
Isopropyl Acetate
Concen: 19.346 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN088364.D
Acq: 26 Nov 2025 10:15

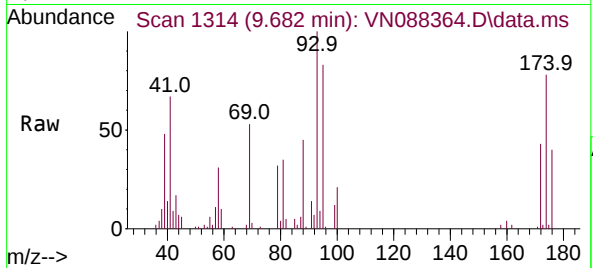
Tgt Ion: 43 Resp: 178816
Ion Ratio Lower Upper
43 100
61 25.0 19.0 28.6





#45
1,4-Dioxane
Concen: 379.578 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN088364.D
Acq: 26 Nov 2025 10:15

Instrument :
MSVOA_N
ClientSampleId :
VN1126WBSD01

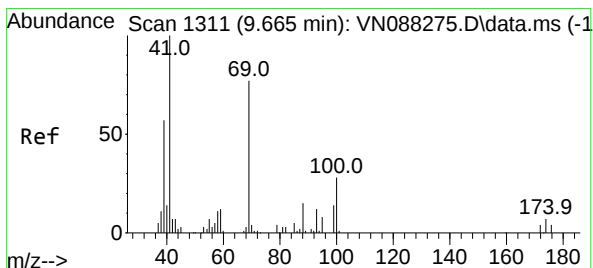
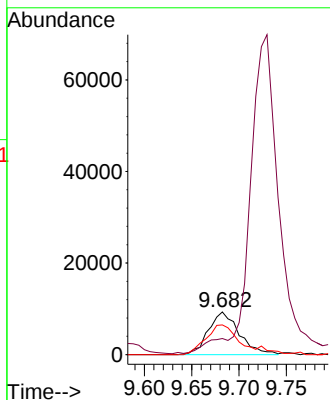
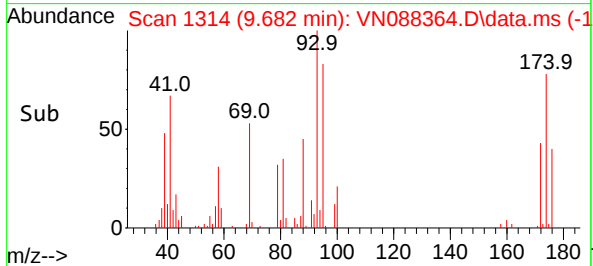


Tgt Ion: 88 Resp: 21128
Ion Ratio Lower Upper
88 100
43 27.7 27.8 41.8
58 71.7 59.5 89.3

Manual Integrations
APPROVED

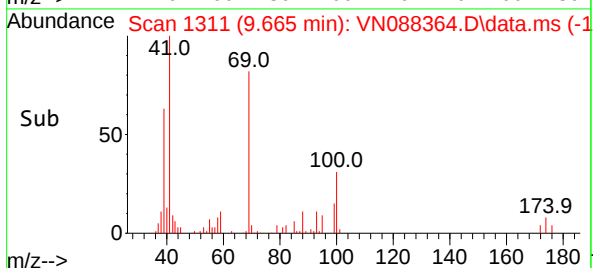
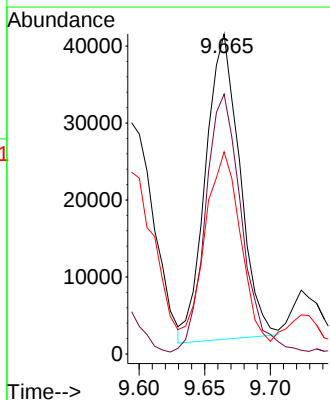
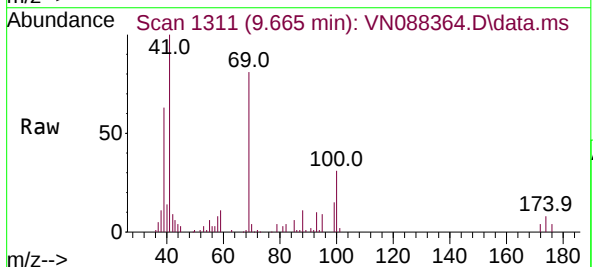
Reviewed By :John
Carlone
12/01/2025

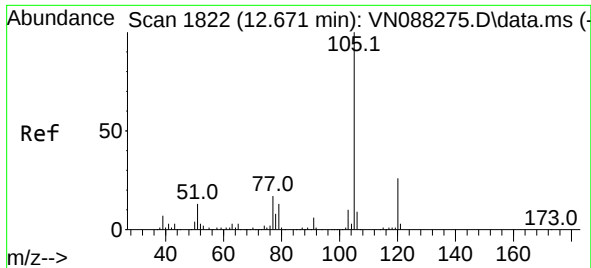
Supervised By :Semsettin
Yesilyurt
12/01/2025



#46
Methyl methacrylate
Concen: 16.619 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. -0.000 min
Lab File: VN088364.D
Acq: 26 Nov 2025 10:15

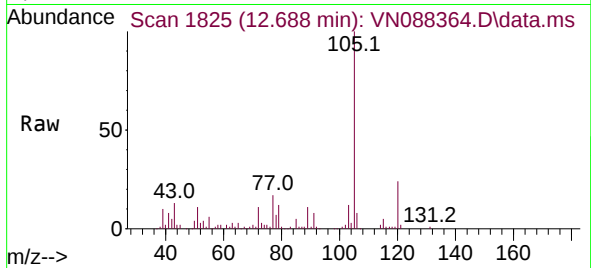
Tgt Ion: 41 Resp: 71881
Ion Ratio Lower Upper
41 100
69 85.8 38.5 115.3
39 60.9 29.0 87.1





#47
n-amyl acetate
Concen: 17.535 ug/l m
RT: 12.688 min Scan# 1822
Delta R.T. 0.018 min
Lab File: VN088364.D
Acq: 26 Nov 2025 10:15

Instrument :
MSVOA_N
ClientSampleId :
VN1126WBSD01

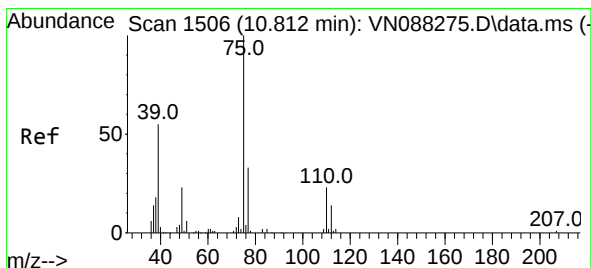
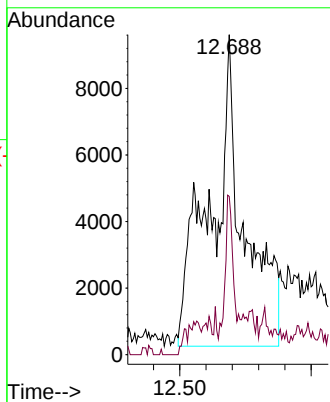
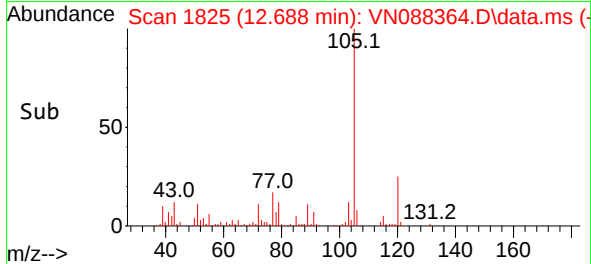


Tgt Ion: 43 Resp: 82130
Ion Ratio Lower Upper
43 100
55 11.1 0.0 0.0

Manual Integrations
APPROVED

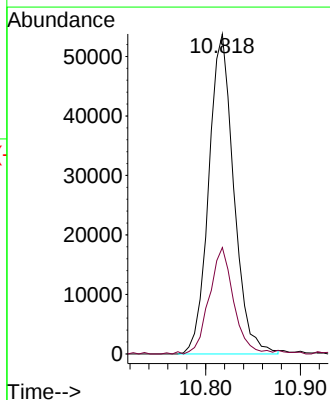
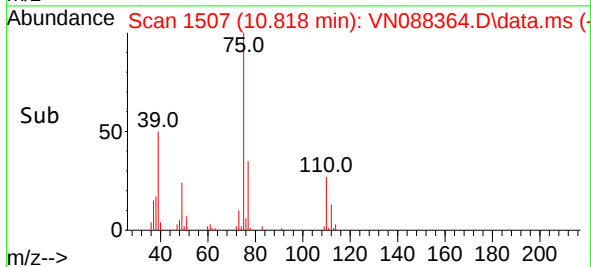
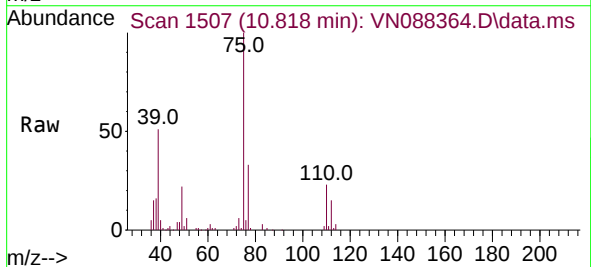
Reviewed By :John
Carlone
12/01/2025

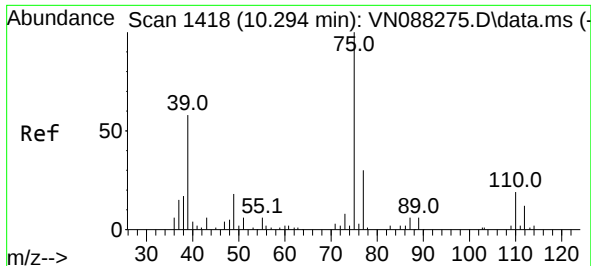
Supervised By :Semsettin
Yesilyurt
12/01/2025



#48
t-1,3-Dichloropropene
Concen: 17.959 ug/l
RT: 10.818 min Scan# 1507
Delta R.T. 0.006 min
Lab File: VN088364.D
Acq: 26 Nov 2025 10:15

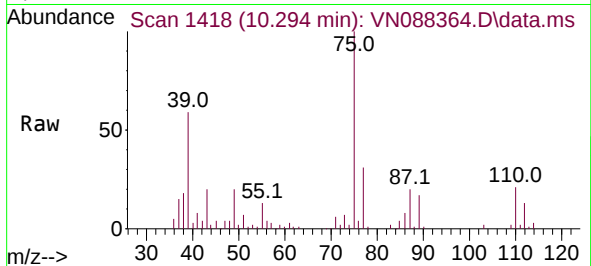
Tgt Ion: 75 Resp: 98735
Ion Ratio Lower Upper
75 100
77 32.6 26.1 39.1





#49
 cis-1,3-Dichloropropene
 Concen: 19.418 ug/l
 RT: 10.294 min Scan# 1418
 Delta R.T. -0.000 min
 Lab File: VN088364.D
 Acq: 26 Nov 2025 10:15

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1126WBSD01

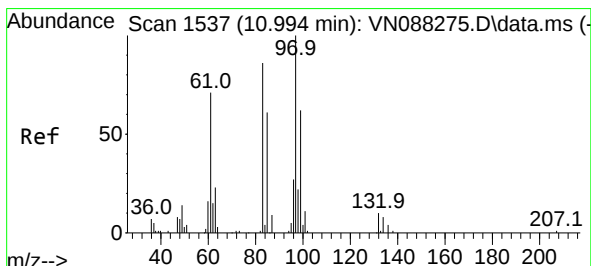
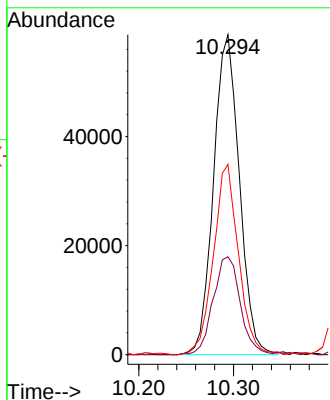
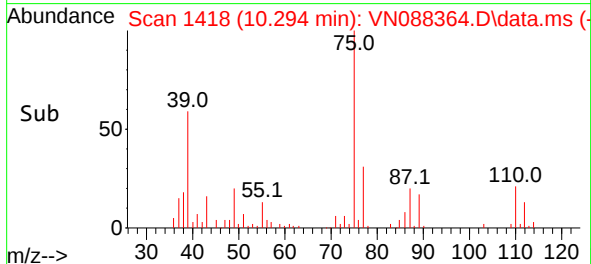


Tgt Ion: 75 Resp: 111075
 Ion Ratio Lower Upper
 75 100
 77 30.6 24.4 36.6
 39 59.4 46.1 69.1

Manual Integrations
 APPROVED

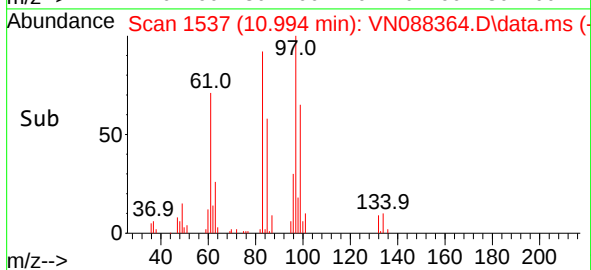
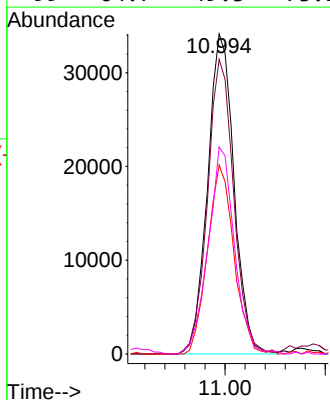
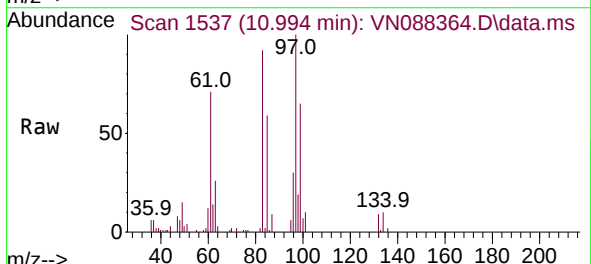
Reviewed By :John
 Carlone
 12/01/2025

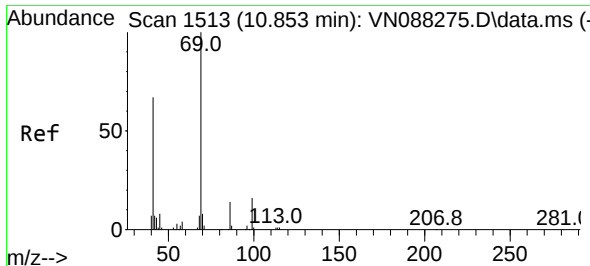
Supervised By :Semsettin
 Yesilyurt
 12/01/2025



#50
 1,1,2-Trichloroethane
 Concen: 19.791 ug/l
 RT: 10.994 min Scan# 1537
 Delta R.T. -0.000 min
 Lab File: VN088364.D
 Acq: 26 Nov 2025 10:15

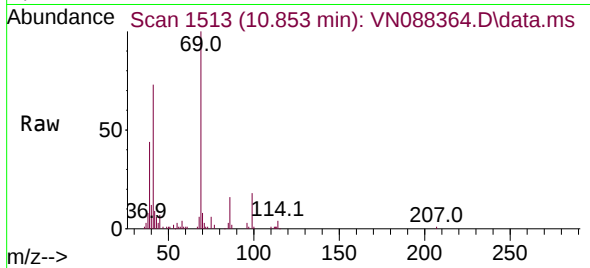
Tgt Ion: 97 Resp: 62485
 Ion Ratio Lower Upper
 97 100
 83 92.0 68.6 102.8
 85 59.0 49.0 73.6
 99 64.7 49.3 73.9





#51
Ethyl methacrylate
Concen: 18.230 ug/l
RT: 10.853 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VN088364.D
Acq: 26 Nov 2025 10:15

Instrument :
MSVOA_N
ClientSampleId :
VN1126WBSD01

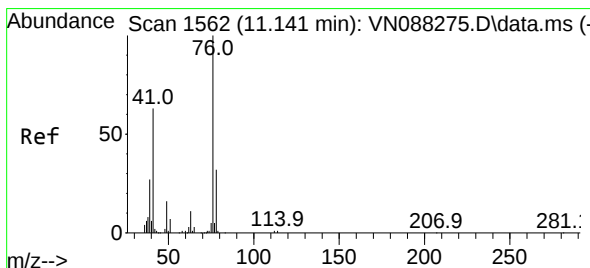
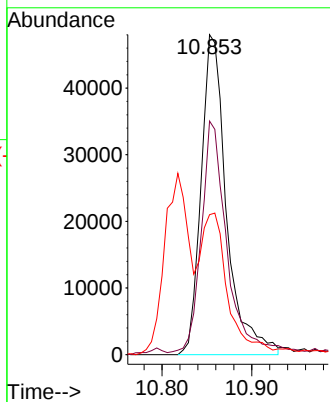
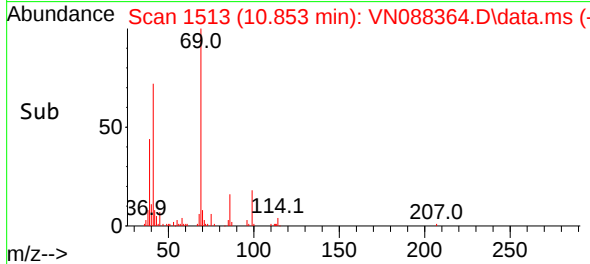


Tgt Ion: 69 Resp: 94697
Ion Ratio Lower Upper
69 100
41 71.6 33.6 100.8
39 42.0 23.4 70.2

Manual Integrations
APPROVED

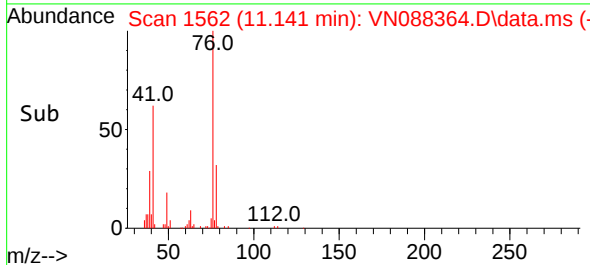
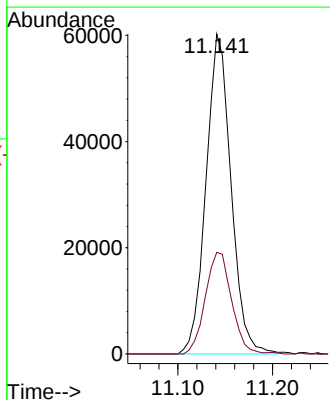
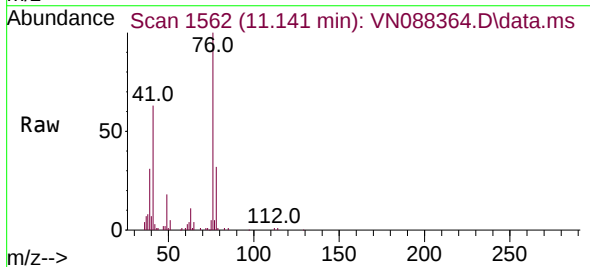
Reviewed By :John
Carlone
12/01/2025

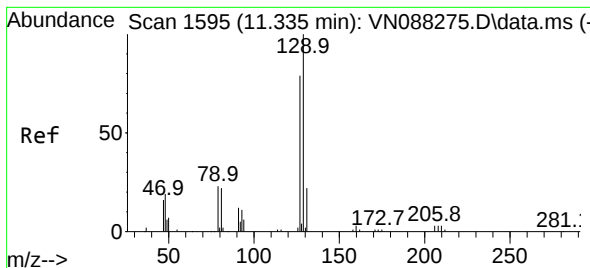
Supervised By :Semsettin
Yesilyurt
12/01/2025



#52
1,3-Dichloropropane
Concen: 19.241 ug/l
RT: 11.141 min Scan# 1562
Delta R.T. -0.000 min
Lab File: VN088364.D
Acq: 26 Nov 2025 10:15

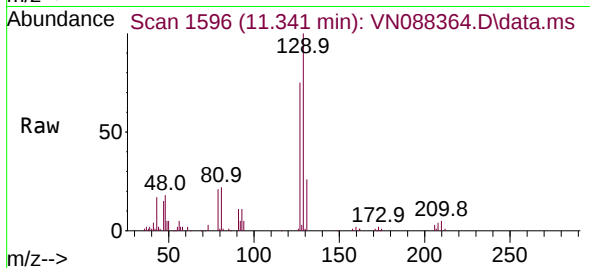
Tgt Ion: 76 Resp: 110632
Ion Ratio Lower Upper
76 100
78 33.1 0.0 64.2





#53
Dibromochloromethane
Concen: 19.217 ug/l
RT: 11.341 min Scan# 11341
Delta R.T. 0.006 min
Lab File: VN088364.D
Acq: 26 Nov 2025 10:15

Instrument :
MSVOA_N
ClientSampleId :
VN1126WBSD01

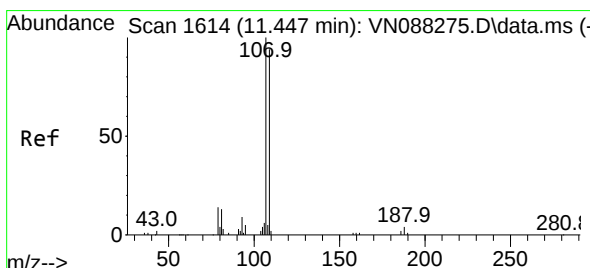
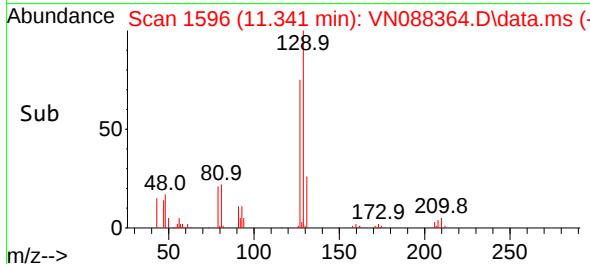
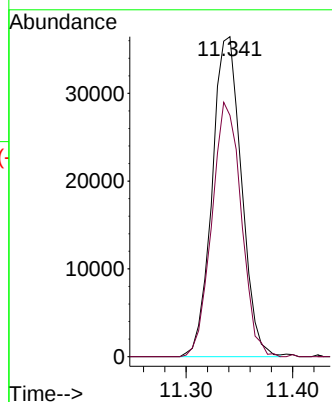


Tgt Ion:129 Resp: 69690
Ion Ratio Lower Upper
129 100
127 79.5 38.2 114.6

Manual Integrations
APPROVED

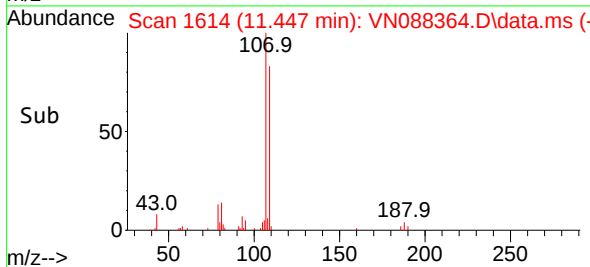
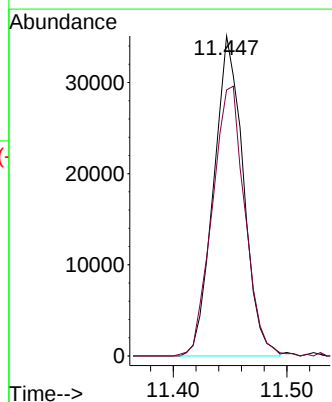
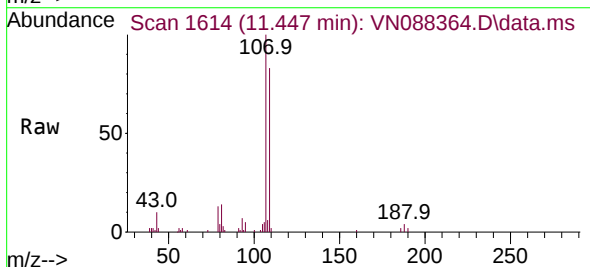
Reviewed By :John
Carlone
12/01/2025

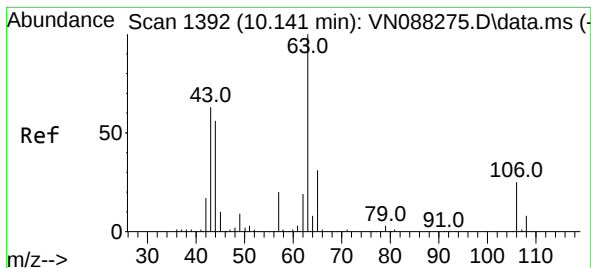
Supervised By :Semsettin
Yesilyurt
12/01/2025



#54
1,2-Dibromoethane
Concen: 19.363 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VN088364.D
Acq: 26 Nov 2025 10:15

Tgt Ion:107 Resp: 63520
Ion Ratio Lower Upper
107 100
109 92.9 76.6 115.0





#55
2-Chloroethyl vinyl ether
Concen: 95.233 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VN088364.D
Acq: 26 Nov 2025 10:15

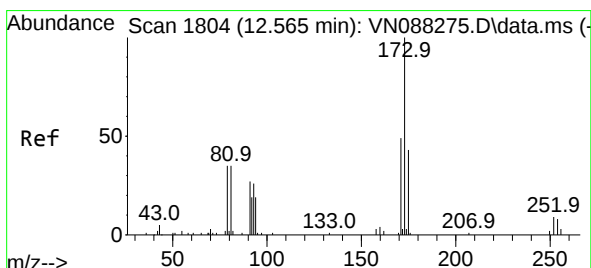
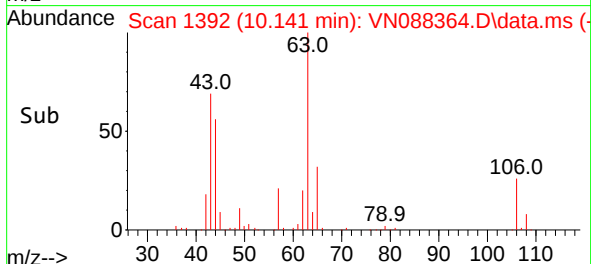
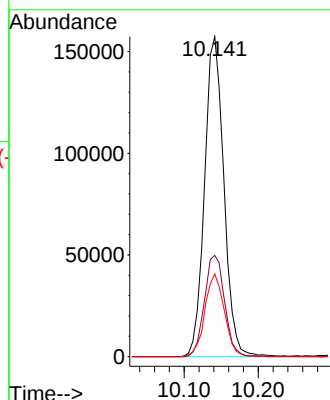
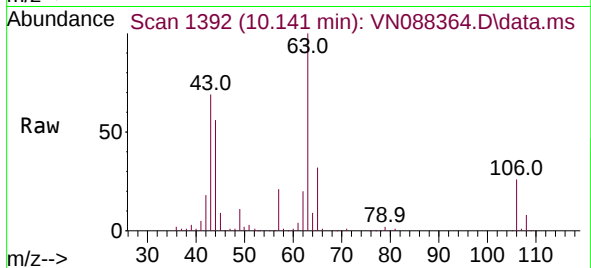
Instrument :
MSVOA_N
ClientSampleId :
VN1126WBSD01

Tgt Ion: 63 Resp: 284963
Ion Ratio Lower Upper
63 100
65 32.8 24.9 37.3
106 25.9 20.3 30.5

Manual Integrations
APPROVED

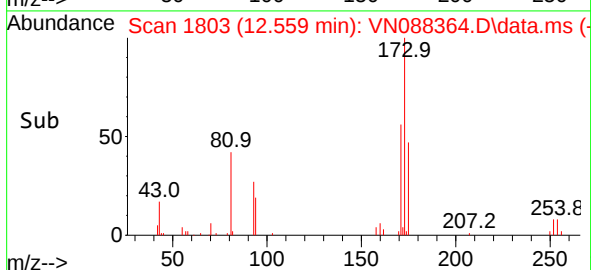
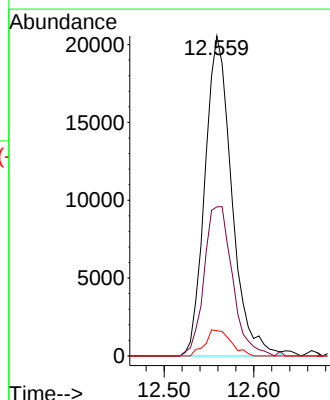
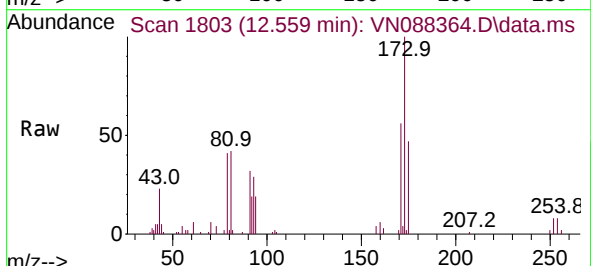
Reviewed By :John
Carlone
12/01/2025

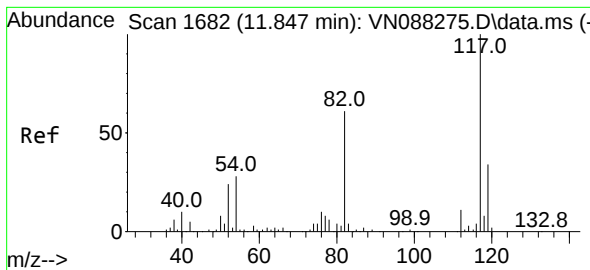
Supervised By :Semsettin
Yesilyurt
12/01/2025



#56
Bromoform
Concen: 18.669 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. -0.006 min
Lab File: VN088364.D
Acq: 26 Nov 2025 10:15

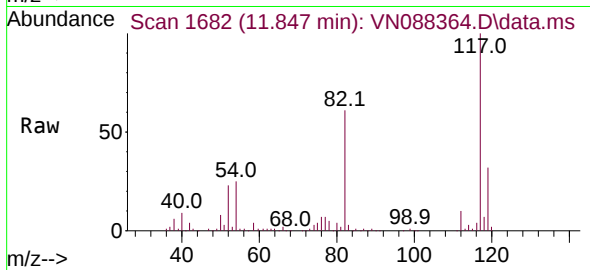
Tgt Ion:173 Resp: 42855
Ion Ratio Lower Upper
173 100
175 49.3 37.7 56.5
254 7.8 5.9 8.9





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.847 min Scan# 1682
Delta R.T. -0.000 min
Lab File: VN088364.D
Acq: 26 Nov 2025 10:15

Instrument :
MSVOA_N
ClientSampleId :
VN1126WBSD01

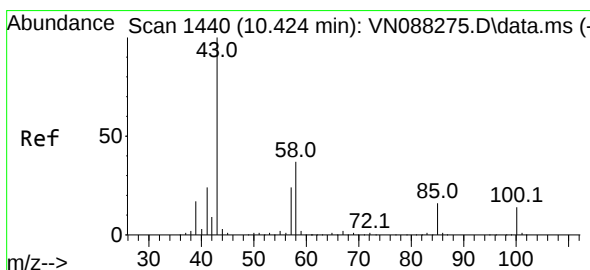
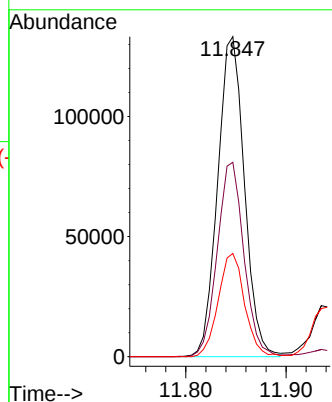
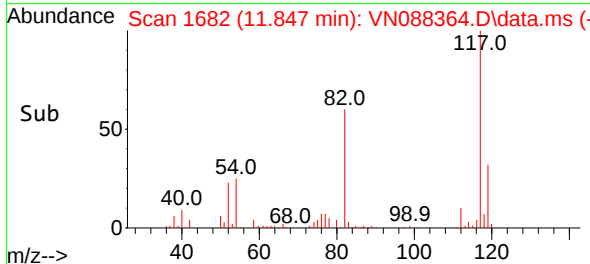


Tgt Ion:117 Resp: 247299
Ion Ratio Lower Upper
117 100
82 60.6 49.3 73.9
119 31.8 26.4 39.6

Manual Integrations
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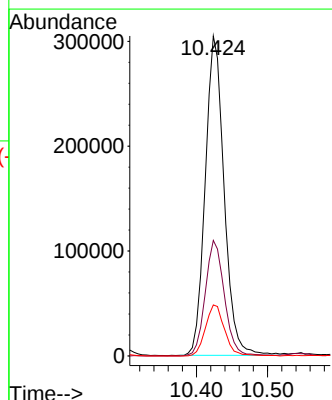
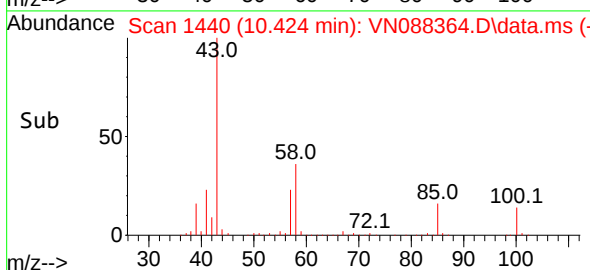
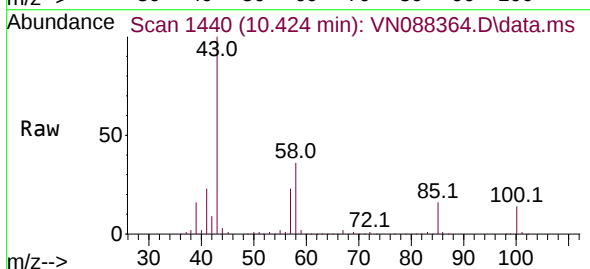
Reviewed By :John
Carlone
12/01/2025

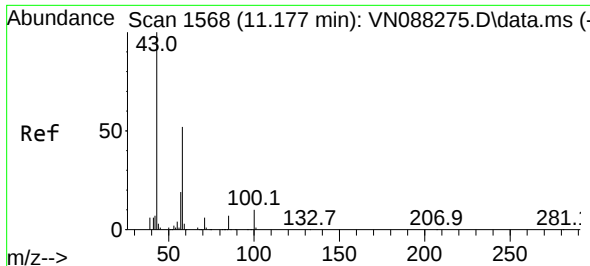
Supervised By :Semsettin
Yesilyurt
12/01/2025



#58
4-Methyl-2-Pentanone
Concen: 100.645 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. -0.000 min
Lab File: VN088364.D
Acq: 26 Nov 2025 10:15

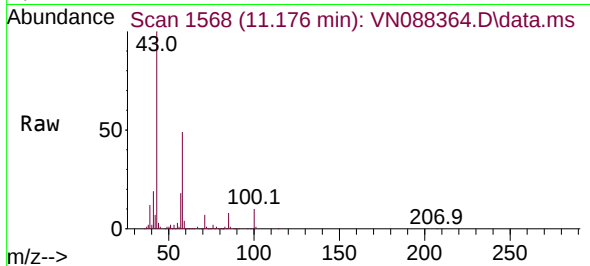
Tgt Ion: 43 Resp: 562936
Ion Ratio Lower Upper
43 100
58 36.6 29.2 43.8
85 16.1 12.6 19.0





#59
2-Hexanone
Concen: 90.891 ug/l
RT: 11.176 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VN088364.D
Acq: 26 Nov 2025 10:15

Instrument :
MSVOA_N
ClientSampleId :
VN1126WBSD01

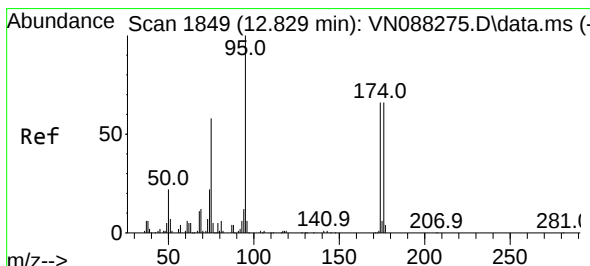
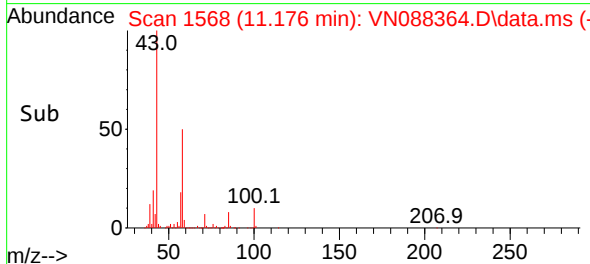
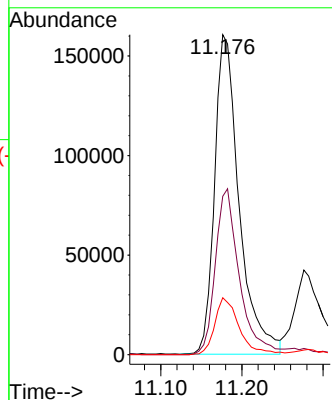


Tgt Ion: 43 Resp: 337578
Ion Ratio Lower Upper
43 100
58 50.6 41.0 61.4
57 17.7 14.4 21.6

Manual Integrations
APPROVED

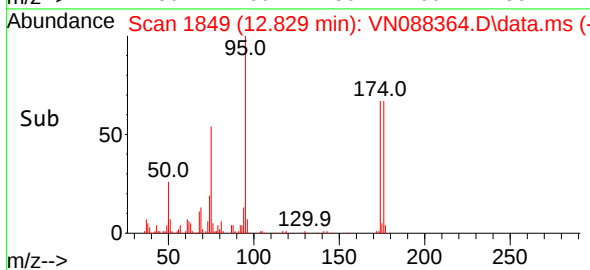
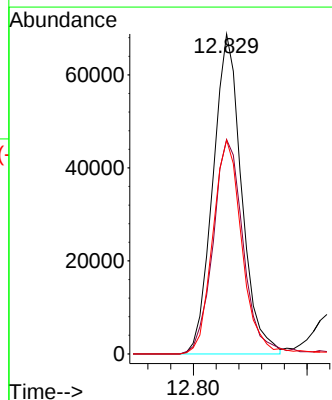
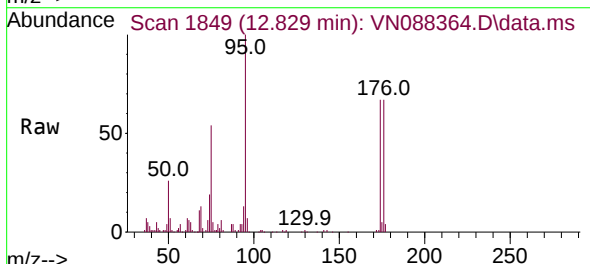
Reviewed By :John
Carlone
12/01/2025

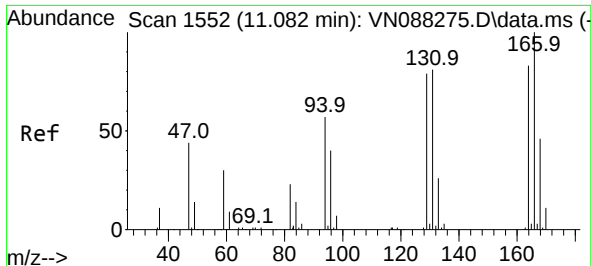
Supervised By :Semsettin
Yesilyurt
12/01/2025



#60
4-Bromofluorobenzene
Concen: 28.786 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. -0.000 min
Lab File: VN088364.D
Acq: 26 Nov 2025 10:15

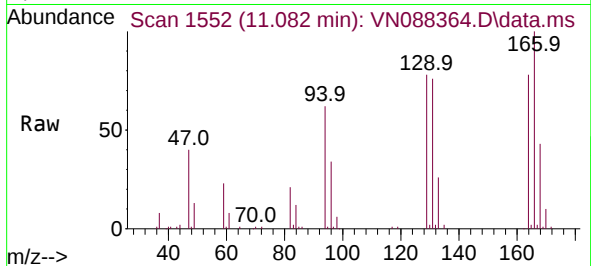
Tgt Ion: 95 Resp: 120337
Ion Ratio Lower Upper
95 100
174 70.6 54.5 81.7
176 67.1 53.8 80.6





#61
Tetrachloroethene
Concen: 23.039 ug/l
RT: 11.082 min Scan# 1108
Delta R.T. -0.000 min
Lab File: VN088364.D
Acq: 26 Nov 2025 10:15

Instrument :
MSVOA_N
ClientSampleId :
VN1126WBSD01

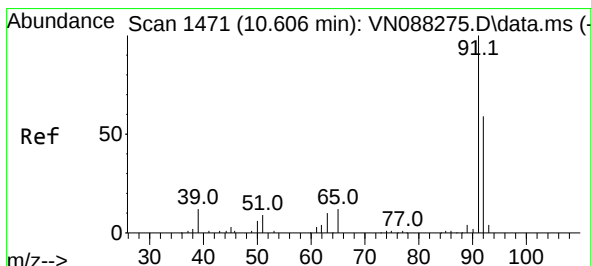
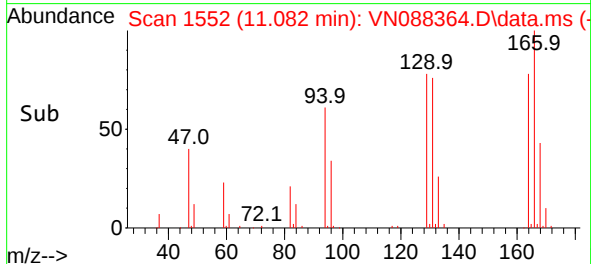
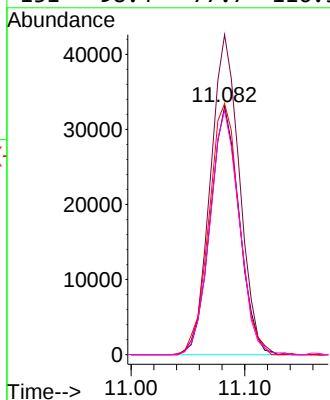


Tgt Ion:164 Resp: 58743
Ion Ratio Lower Upper
164 100
166 129.0 96.3 144.5
129 101.2 76.2 114.2
131 98.4 77.7 116.5

Manual Integrations
APPROVED

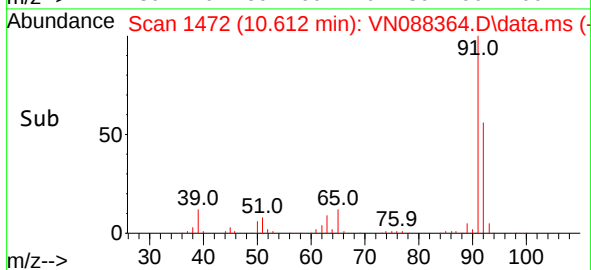
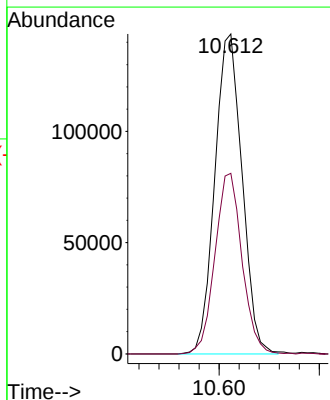
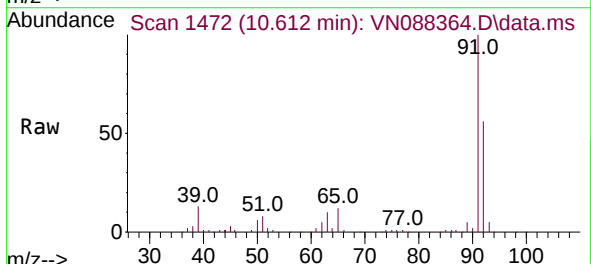
Reviewed By :John
Carlone
12/01/2025

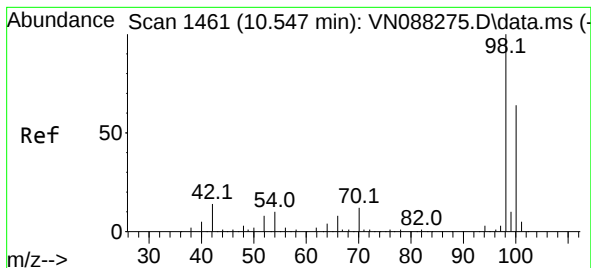
Supervised By :Semsettin
Yesilyurt
12/01/2025



#62
Toluene
Concen: 19.141 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VN088364.D
Acq: 26 Nov 2025 10:15

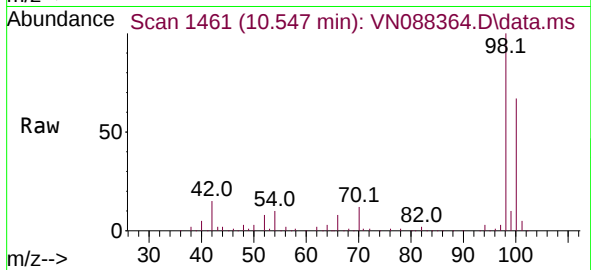
Tgt Ion: 91 Resp: 271648
Ion Ratio Lower Upper
91 100
92 56.0 46.7 70.1





#63
Toluene-d8
Concen: 30.023 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN088364.D
Acq: 26 Nov 2025 10:15

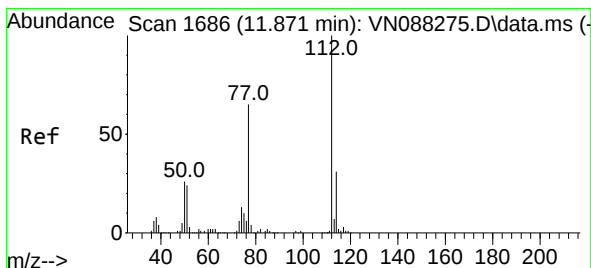
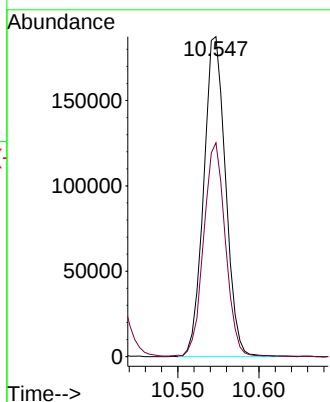
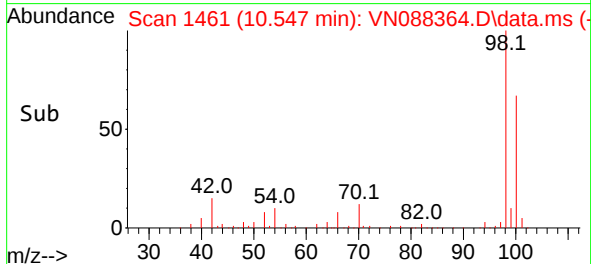
Instrument :
MSVOA_N
ClientSampleId :
VN1126WBSD01



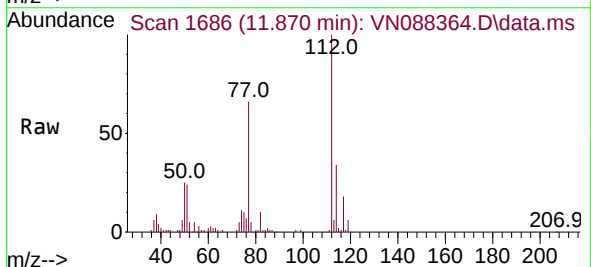
Tgt Ion: 98 Resp: 351510
Ion Ratio Lower Upper
98 100
100 66.0 51.6 77.4

Manual Integrations
APPROVED

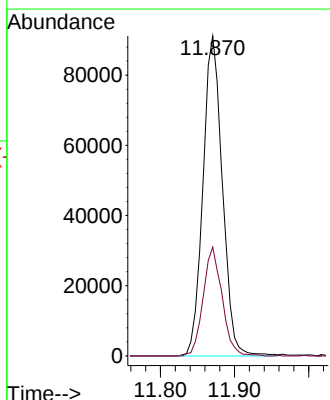
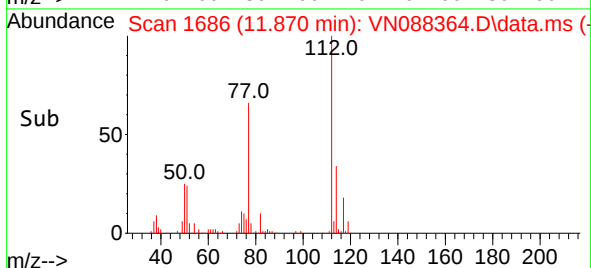
Reviewed By :John
Carlone
12/01/2025
Supervised By :Semsettin
Yesilyurt
12/01/2025

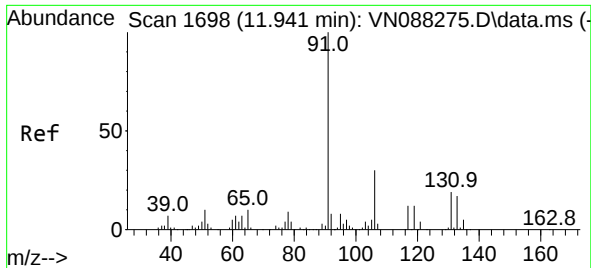


#64
Chlorobenzene
Concen: 18.874 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN088364.D
Acq: 26 Nov 2025 10:15



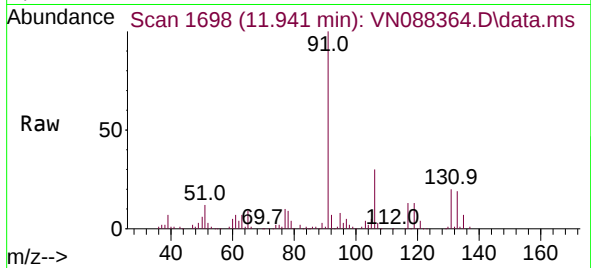
Tgt Ion:112 Resp: 165887
Ion Ratio Lower Upper
112 100
114 34.0 25.0 37.4





#65
1,1,1,2-Tetrachloroethane
Concen: 19.290 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN088364.D
Acq: 26 Nov 2025 10:15

Instrument :
MSVOA_N
ClientSampleId :
VN1126WBSD01

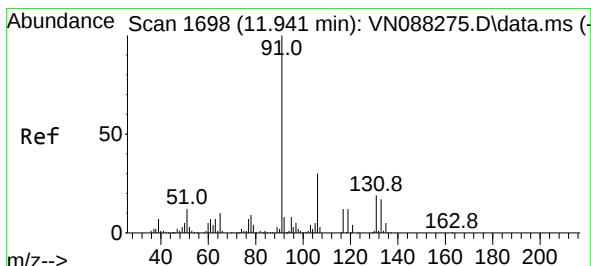
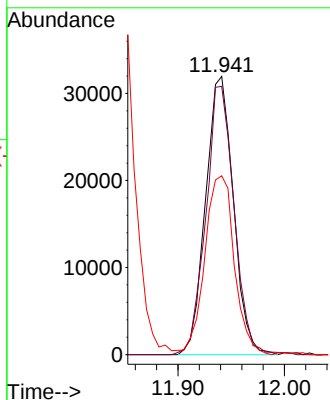
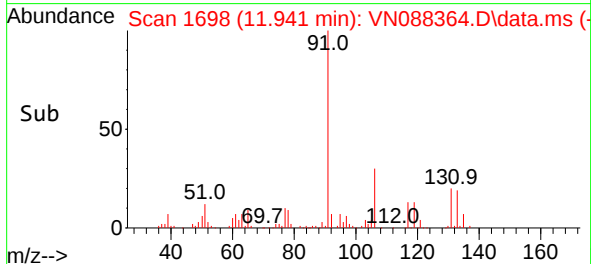


Tgt Ion:131 Resp: 58029
Ion Ratio Lower Upper
131 100
133 97.1 0.0 181.4
119 68.1 0.0 135.0

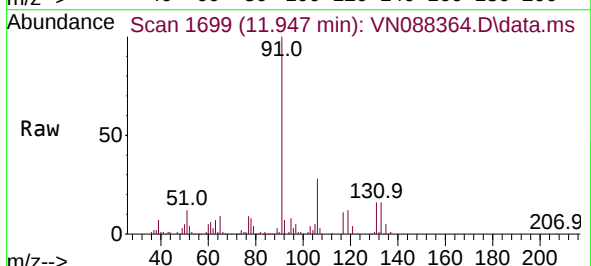
Manual Integrations
APPROVED

Reviewed By :John
Carlone
12/01/2025

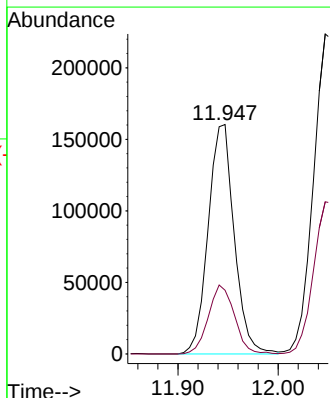
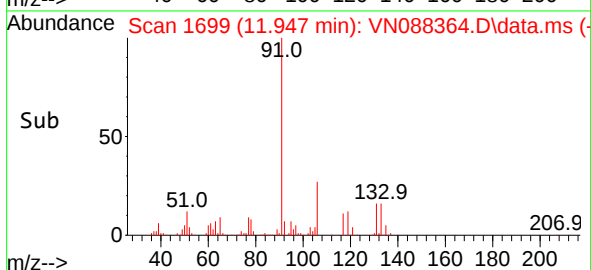
Supervised By :Semsettin
Yesilyurt
12/01/2025

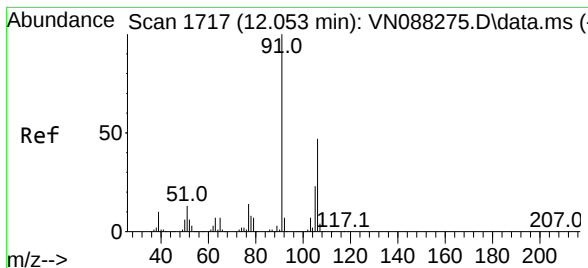


#66
Ethyl Benzene
Concen: 18.494 ug/l
RT: 11.947 min Scan# 1699
Delta R.T. 0.006 min
Lab File: VN088364.D
Acq: 26 Nov 2025 10:15



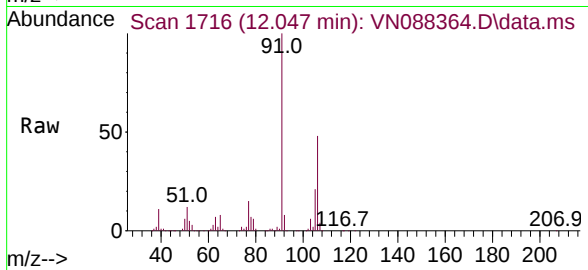
Tgt Ion: 91 Resp: 289266
Ion Ratio Lower Upper
91 100
106 27.8 24.4 36.6





#67
m/p-Xylenes
Concen: 36.727 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. -0.006 min
Lab File: VN088364.D
Acq: 26 Nov 2025 10:15

Instrument :
MSVOA_N
ClientSampleId :
VN1126WBSD01

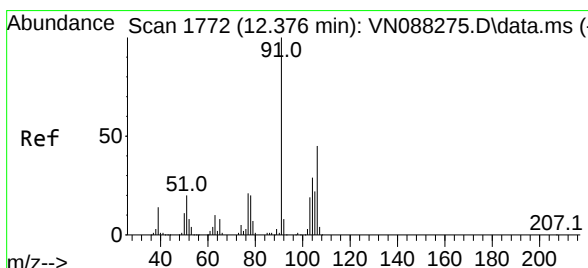
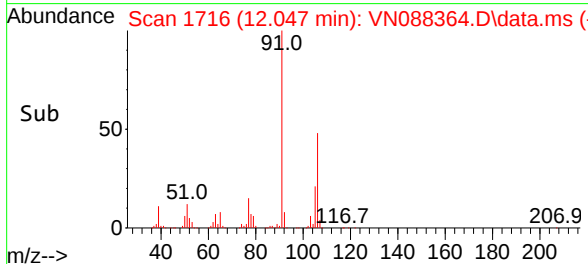
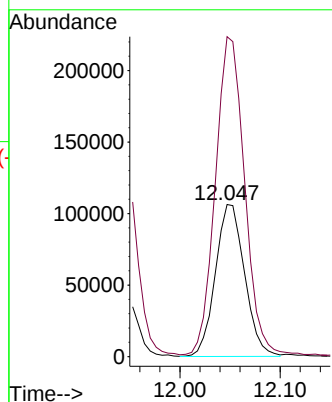


Tgt Ion:106 Resp: 214823
Ion Ratio Lower Upper
106 100
91 212.4 168.3 252.5

Manual Integrations
APPROVED

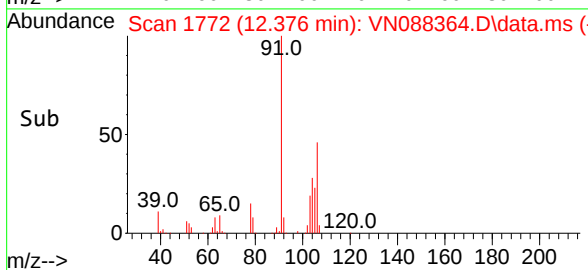
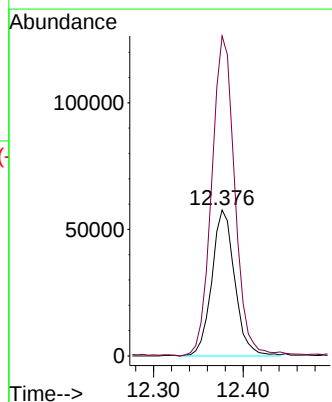
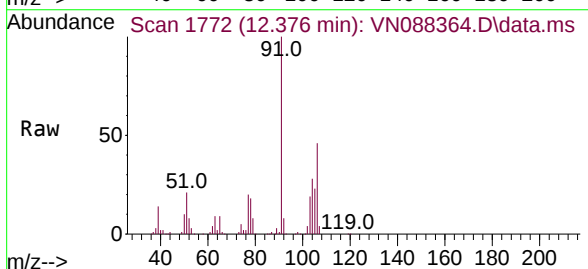
Reviewed By :John
Carlone
12/01/2025

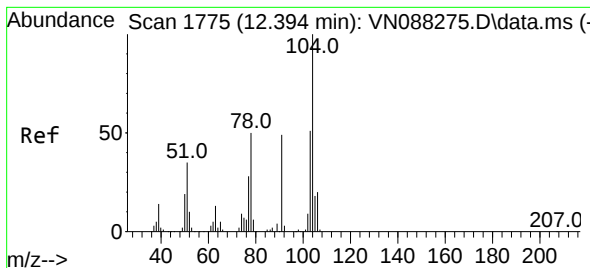
Supervised By :Semsettin
Yesilyurt
12/01/2025



#68
o-Xylene
Concen: 18.632 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VN088364.D
Acq: 26 Nov 2025 10:15

Tgt Ion:106 Resp: 102806
Ion Ratio Lower Upper
106 100
91 220.3 114.0 342.0





#69

Styrene

Concen: 18.144 ug/l

RT: 12.394 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VN088364.D

Acq: 26 Nov 2025 10:15

Instrument :

MSVOA_N

ClientSampleId :

VN1126WBSD01

Tgt Ion:	104	Resp:	17003
Ion Ratio	Lower	Upper	
104	100		
78	53.5	43.8	65.8
103	54.5	44.8	67.2

Manual Integrations

APPROVED

Reviewed By :John

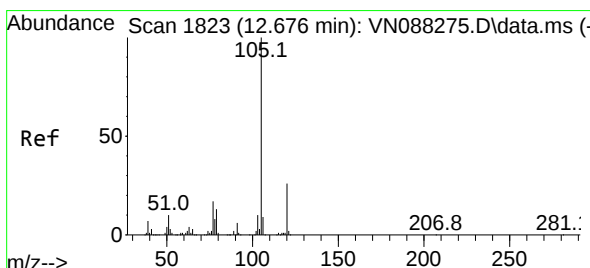
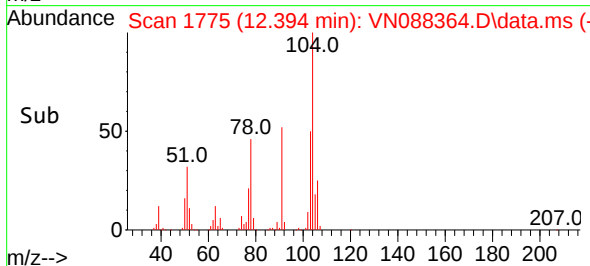
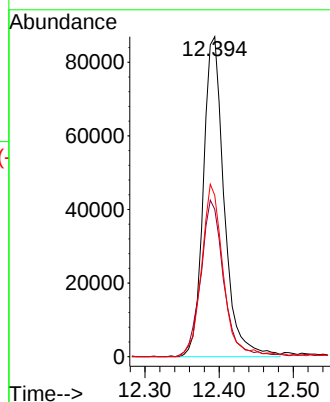
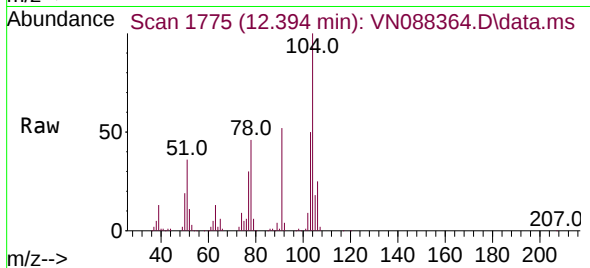
Carlone

12/01/2025

Supervised By :Semsetin

Yesilyurt

12/01/2025



#70

Isopropylbenzene

Concen: 18.059 ug/l

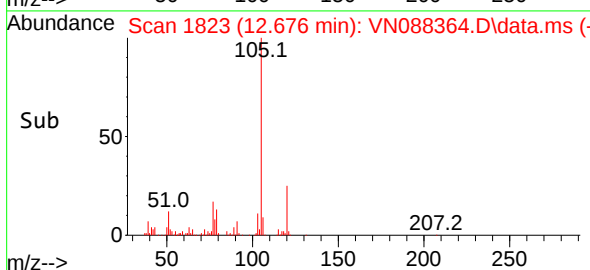
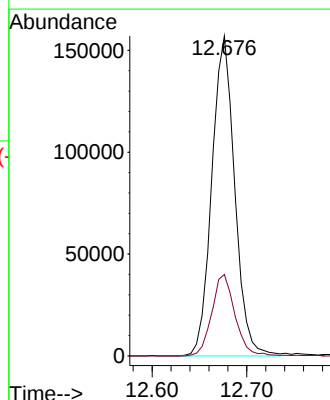
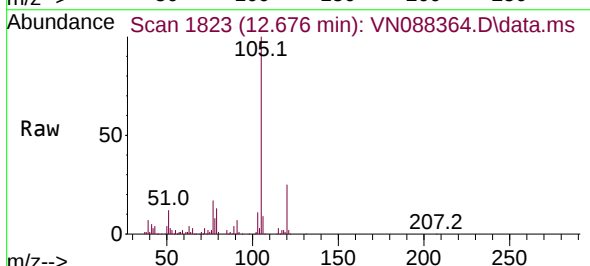
RT: 12.676 min Scan# 1823

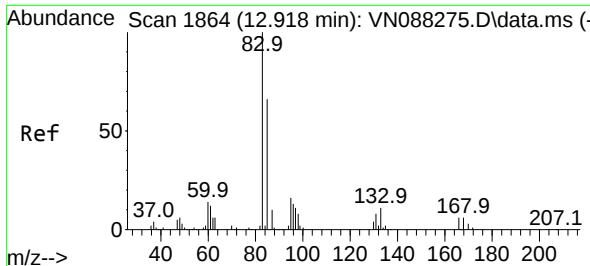
Delta R.T. -0.000 min

Lab File: VN088364.D

Acq: 26 Nov 2025 10:15

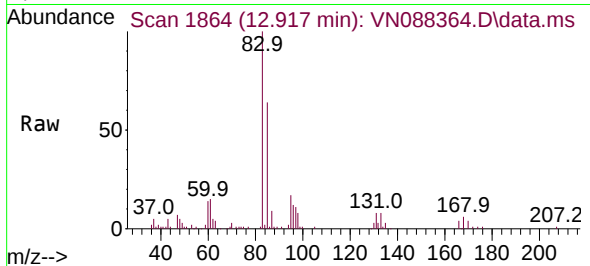
Tgt Ion:	105	Resp:	264079
Ion Ratio	Lower	Upper	
105	100		
120	25.6	18.2	33.8





#71
1,1,2,2-Tetrachloroethane
Concen: 18.087 ug/l
RT: 12.917 min Scan# 1864
Delta R.T. -0.000 min
Lab File: VN088364.D
Acq: 26 Nov 2025 10:15

Instrument :
MSVOA_N
ClientSampleId :
VN1126WBSD01

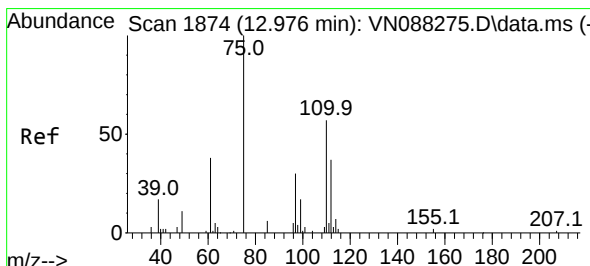
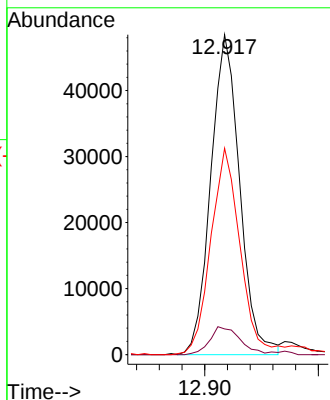
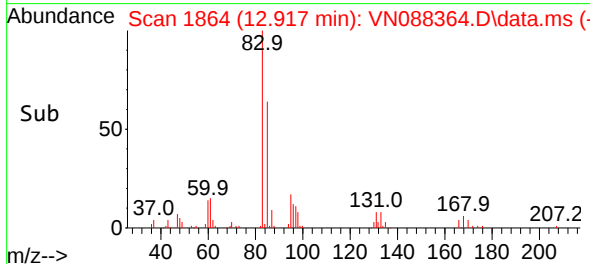


Tgt Ion: 83 Resp: 85672
Ion Ratio Lower Upper
83 100
131 9.1 4.3 12.9
85 65.5 32.4 97.2

Manual Integrations
APPROVED

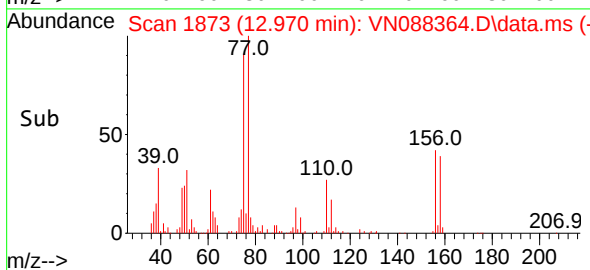
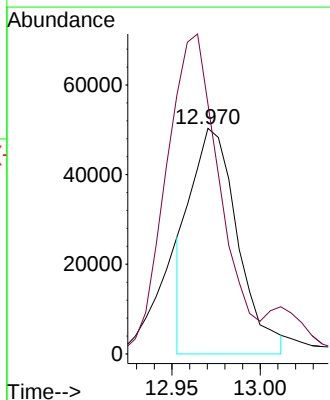
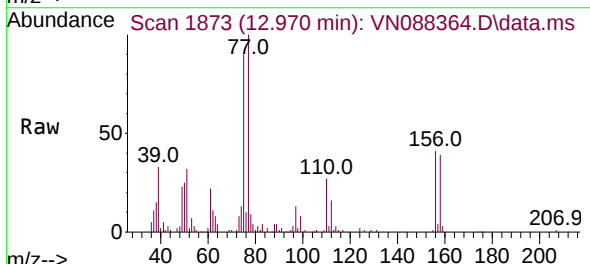
Reviewed By :John
Carlone
12/01/2025

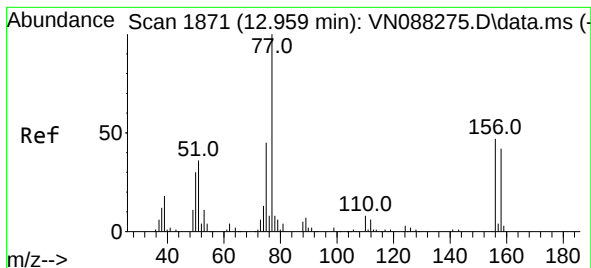
Supervised By :Semsettin
Yesilyurt
12/01/2025



#72
1,2,3-Trichloropropane
Concen: 20.428 ug/l m
RT: 12.970 min Scan# 1873
Delta R.T. -0.006 min
Lab File: VN088364.D
Acq: 26 Nov 2025 10:15

Tgt Ion: 75 Resp: 93741
Ion Ratio Lower Upper
75 100
77 162.5 0.0 386.6





#73

Bromobenzene

Concen: 19.042 ug/l

RT: 12.959 min Scan# 1871

Delta R.T. -0.000 min

Lab File: VN088364.D

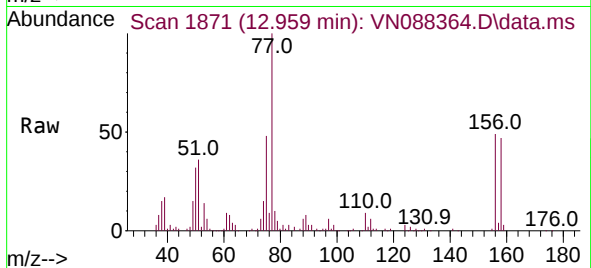
Acq: 26 Nov 2025 10:15

Instrument :

MSVOA_N

ClientSampleId :

VN1126WBSD01



Tgt Ion:	156	Resp:	62864
Ion Ratio	Lower	Upper	
156	100		
77	242.3	0.0	493.4
158	96.4	0.0	193.4

Manual Integrations

APPROVED

Reviewed By :John

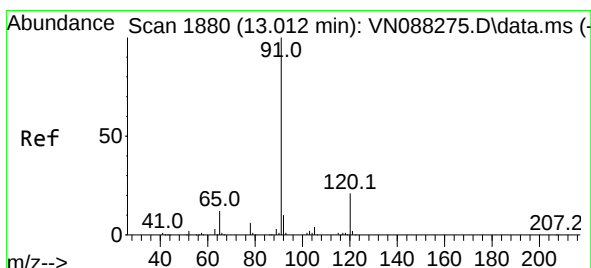
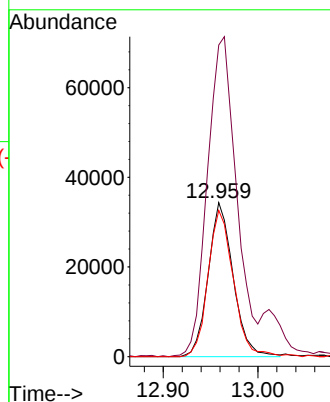
Carlone

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Supervised By :Semsettin

Yesilyurt

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#74

n-propylbenzene

Concen: 18.314 ug/l

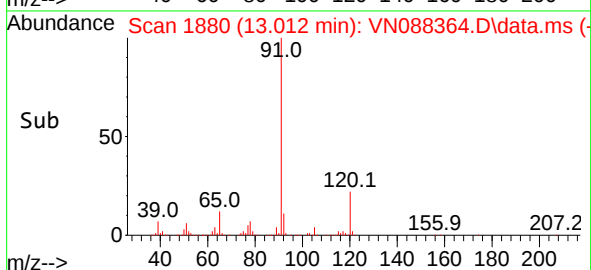
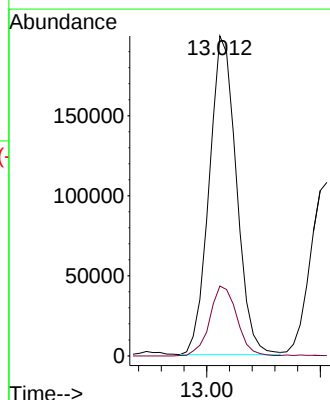
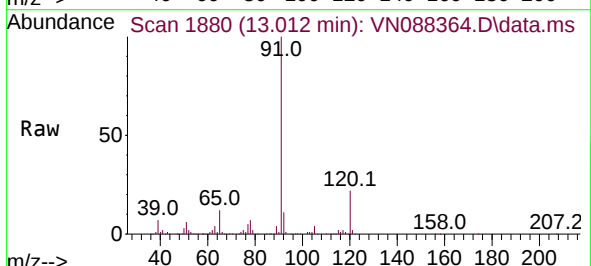
RT: 13.012 min Scan# 1880

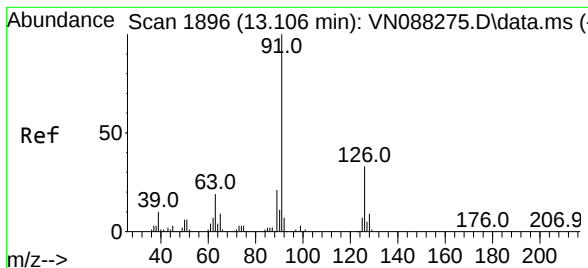
Delta R.T. -0.000 min

Lab File: VN088364.D

Acq: 26 Nov 2025 10:15

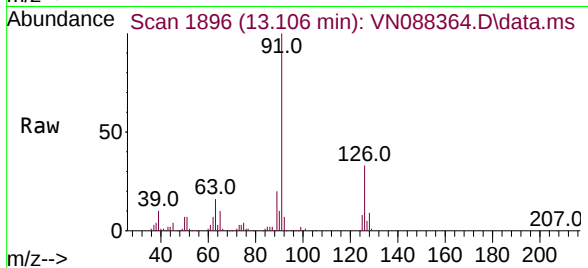
Tgt Ion:	91	Resp:	331419
Ion Ratio	Lower	Upper	
91	100		
120	21.5	0.0	43.2





#75
2-Chlorotoluene
Concen: 17.925 ug/l
RT: 13.106 min Scan# 1896
Delta R.T. -0.000 min
Lab File: VN088364.D
Acq: 26 Nov 2025 10:15

Instrument :
MSVOA_N
ClientSampleId :
VN1126WBSD01

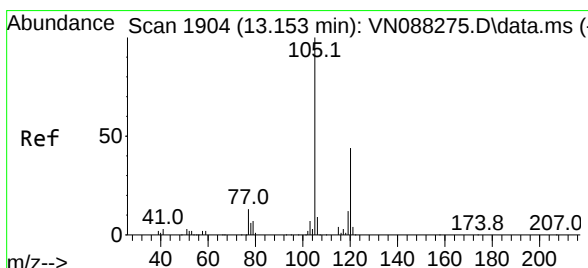
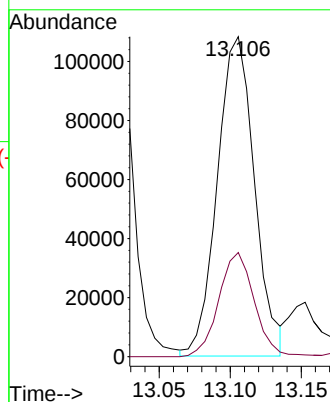
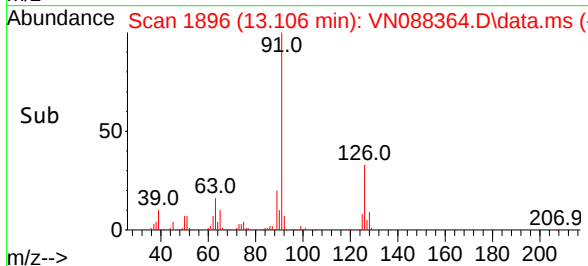


Tgt Ion: 91 Resp: 19725
Ion Ratio Lower Upper
91 100
126 31.2 0.0 62.0

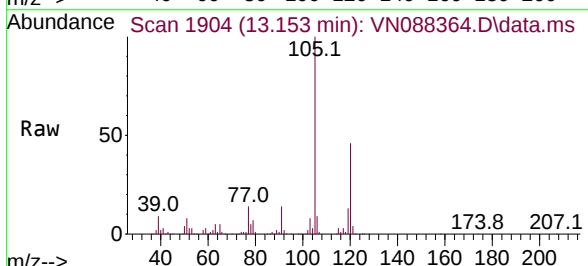
Manual Integrations
APPROVED

Reviewed By :John
Carlone
12/01/2025

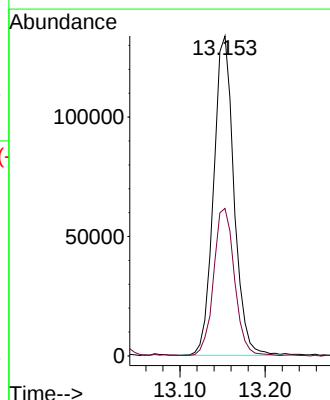
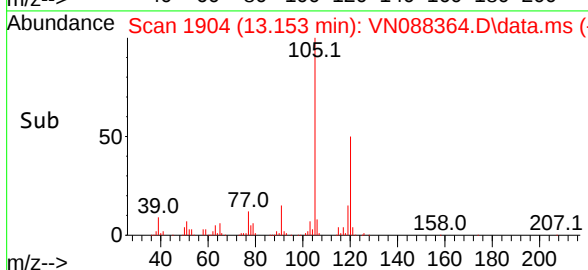
Supervised By :Semsettin
Yesilyurt
12/01/2025

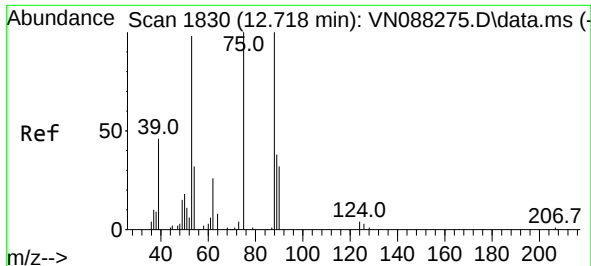


#76
1,3,5-Trimethylbenzene
Concen: 18.096 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VN088364.D
Acq: 26 Nov 2025 10:15



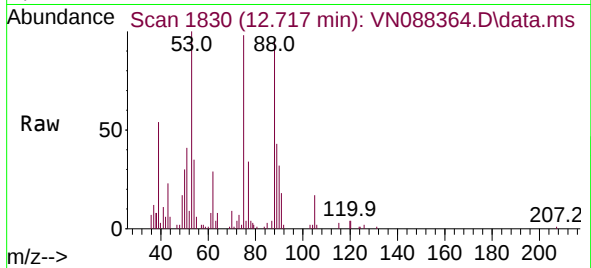
Tgt Ion:105 Resp: 222124
Ion Ratio Lower Upper
105 100
120 47.3 0.0 94.6





#77
t-1,4-Dichloro-2-butene
Concen: 17.698 ug/l
RT: 12.717 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN088364.D
Acq: 26 Nov 2025 10:15

Instrument :
MSVOA_N
ClientSampleId :
VN1126WBSD01

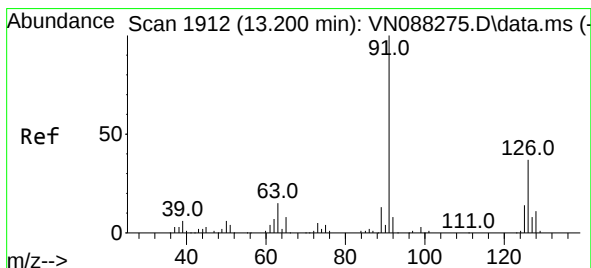
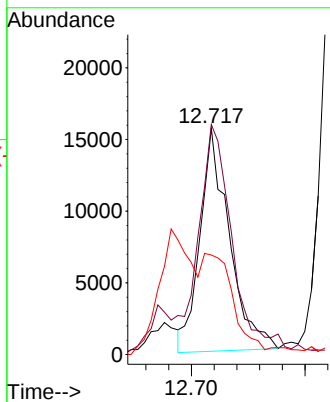
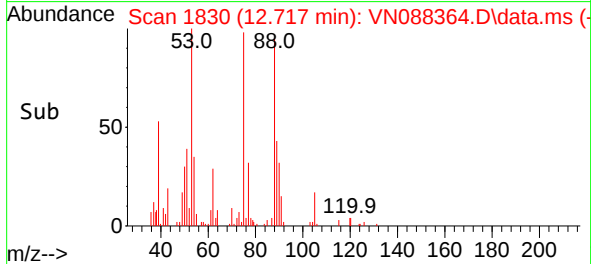


Tgt Ion: 75 Resp: 27890
Ion Ratio Lower Upper
75 100
53 95.1 50.0 150.0
89 42.0 22.3 66.9

Manual Integrations
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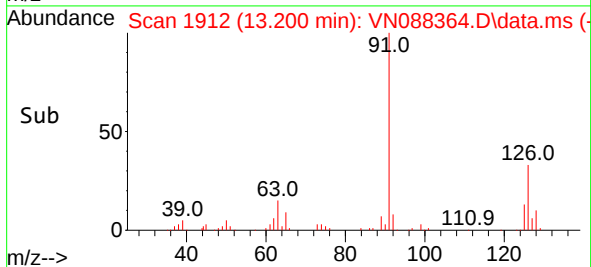
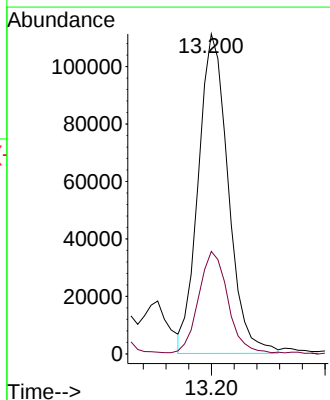
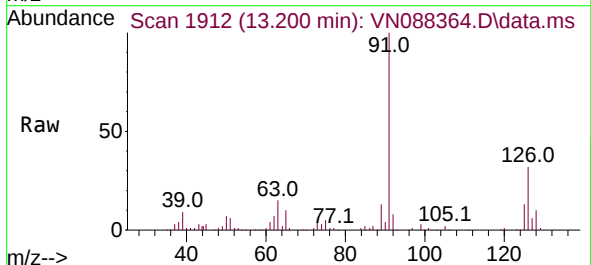
Reviewed By :John
Carlone
12/01/2025

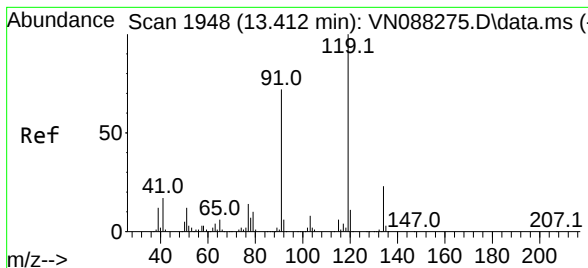
Supervised By :Semsetin
Yesilyurt
12/01/2025



#78
4-Chlorotoluene
Concen: 18.235 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VN088364.D
Acq: 26 Nov 2025 10:15

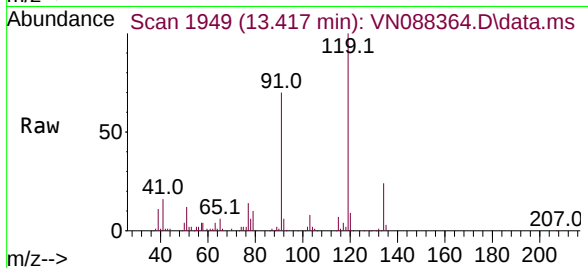
Tgt Ion: 91 Resp: 203340
Ion Ratio Lower Upper
91 100
126 31.6 0.0 60.8





#79
tert-butylbenzene
Concen: 17.341 ug/l
RT: 13.417 min Scan# 1949
Delta R.T. 0.006 min
Lab File: VN088364.D
Acq: 26 Nov 2025 10:15

Instrument :
MSVOA_N
ClientSampleId :
VN1126WBSD01

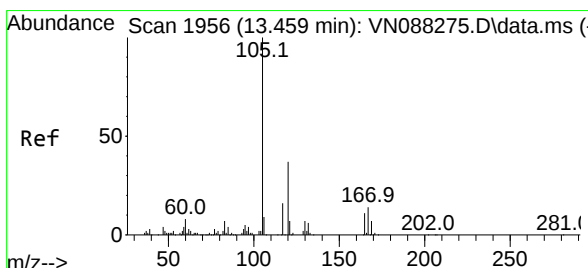
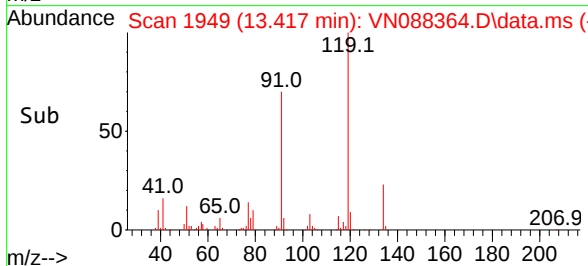
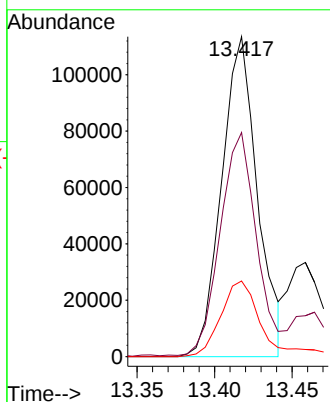


Tgt Ion:119 Resp: 182240
Ion Ratio Lower Upper
119 100
91 70.6 0.0 140.8
134 26.7 0.0 48.4

Manual Integrations
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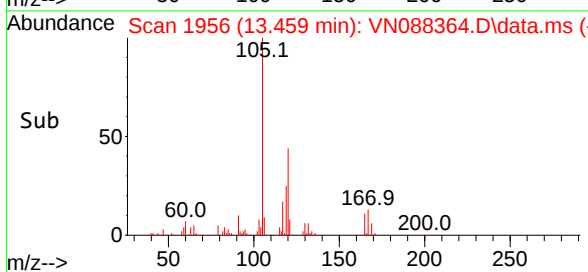
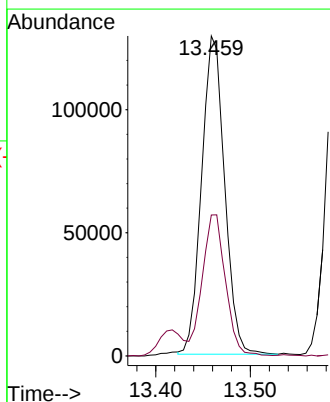
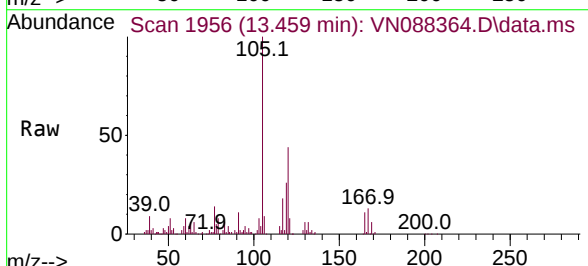
Reviewed By :John
Carlone
12/01/2025

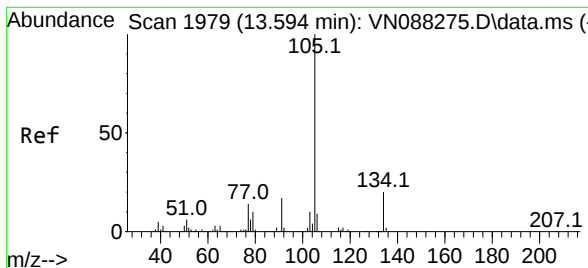
Supervised By :Semsetin
Yesilyurt
12/01/2025



#80
1,2,4-Trimethylbenzene
Concen: 17.885 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN088364.D
Acq: 26 Nov 2025 10:15

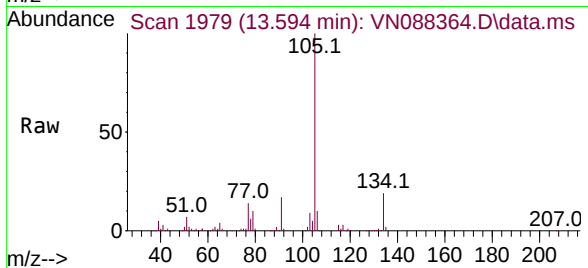
Tgt Ion:105 Resp: 218304
Ion Ratio Lower Upper
105 100
120 42.2 0.0 89.2





#81
 sec-Butylbenzene
 Concen: 17.968 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. -0.000 min
 Lab File: VN088364.D
 Acq: 26 Nov 2025 10:15

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1126WBSD01

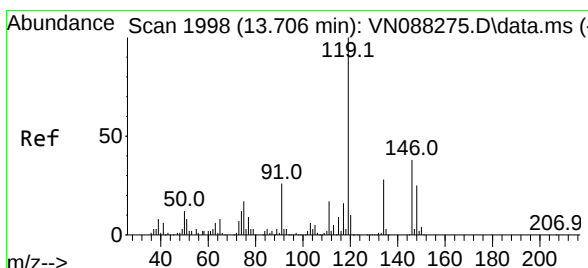
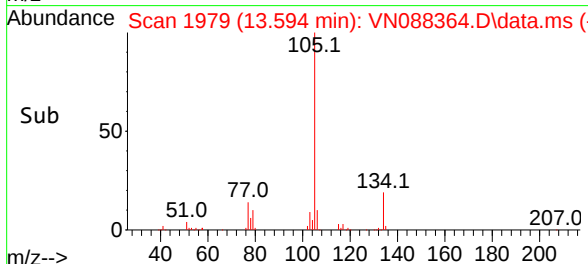
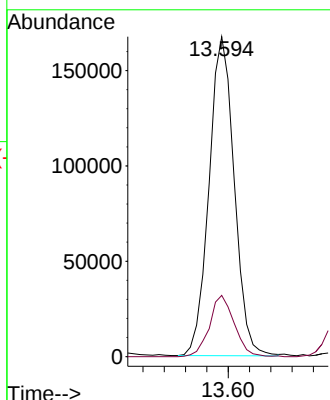


Tgt Ion:105 Resp: 275417
 Ion Ratio Lower Upper
 105 100
 134 18.8 0.0 38.4

Manual Integrations
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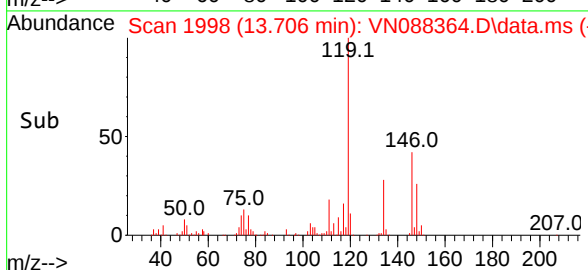
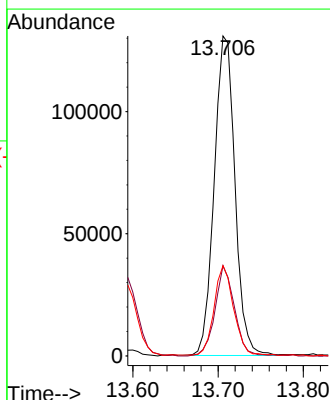
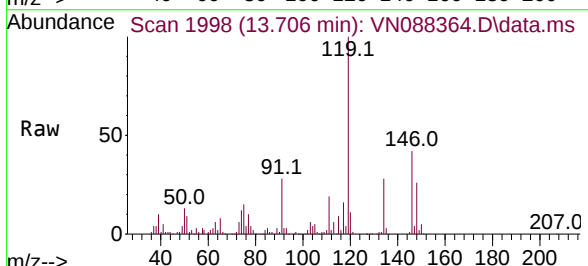
Reviewed By :John
 Carlone
 12/01/2025

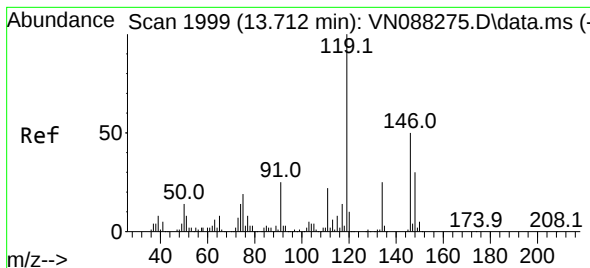
Supervised By :Semsettin
 Yesilyurt
 12/01/2025



#82
 p-Isopropyltoluene
 Concen: 17.452 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. -0.000 min
 Lab File: VN088364.D
 Acq: 26 Nov 2025 10:15

Tgt Ion:119 Resp: 221045
 Ion Ratio Lower Upper
 119 100
 134 26.4 0.0 51.2
 91 26.3 0.0 53.4





#83

1,3-Dichlorobenzene

Concen: 18.233 ug/l

RT: 13.712 min Scan# 1999

Delta R.T. -0.000 min

Lab File: VN088364.D

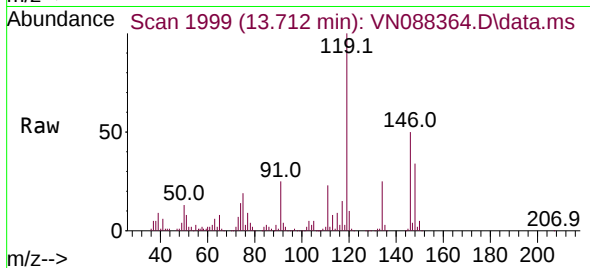
Acq: 26 Nov 2025 10:15

Instrument :

MSVOA_N

ClientSampleId :

VN1126WBSD01



Tgt Ion:146 Resp: 116946

Ion Ratio Lower Upper

146 100

111 43.9 22.1 66.5

148 64.6 31.4 94.3

Manual Integrations

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Reviewed By :John

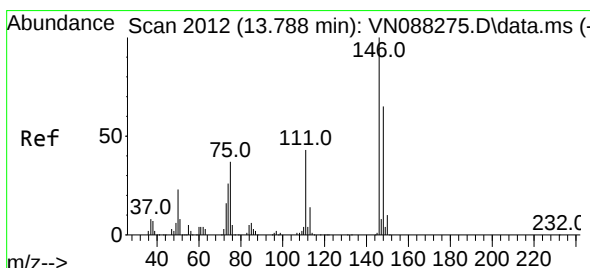
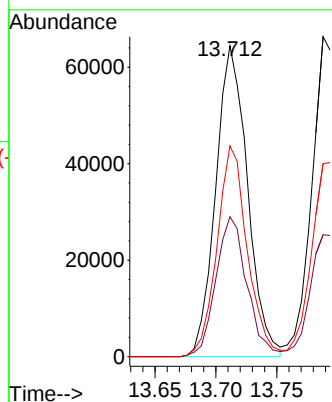
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#84

1,4-Dichlorobenzene

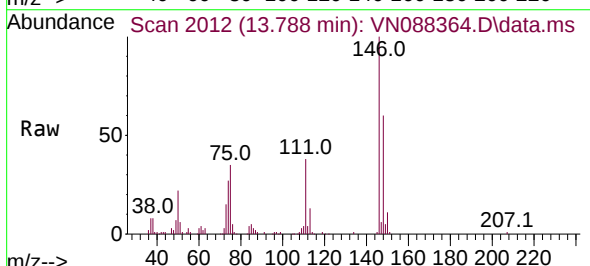
Concen: 18.299 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. -0.000 min

Lab File: VN088364.D

Acq: 26 Nov 2025 10:15



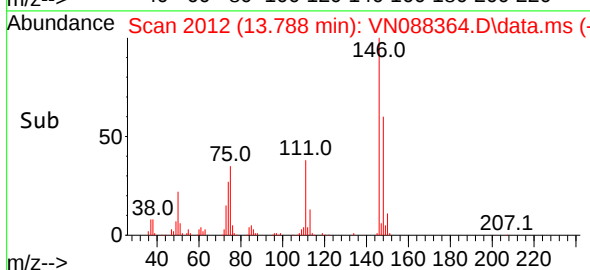
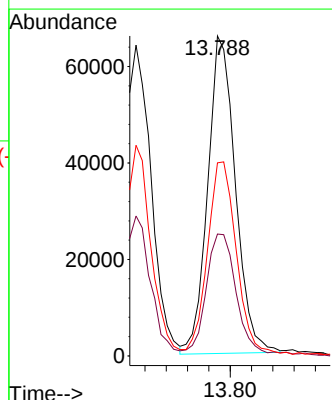
Tgt Ion:146 Resp: 118865

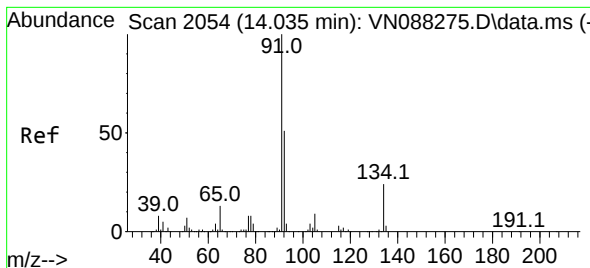
Ion Ratio Lower Upper

146 100

111 39.7 21.8 65.3

148 65.0 31.9 95.5





#85

n-Butylbenzene

Concen: 17.671 ug/l

RT: 14.035 min Scan# 2054

Delta R.T. -0.000 min

Lab File: VN088364.D

Acq: 26 Nov 2025 10:15

Instrument :

MSVOA_N

ClientSampleId :

VN1126WBSD01

Tgt Ion: 91 Resp: 21331

Ion	Ratio	Lower	Upper
91	100		
92	51.9	0.0	102.4
134	23.0	0.0	45.8

Manual Integrations

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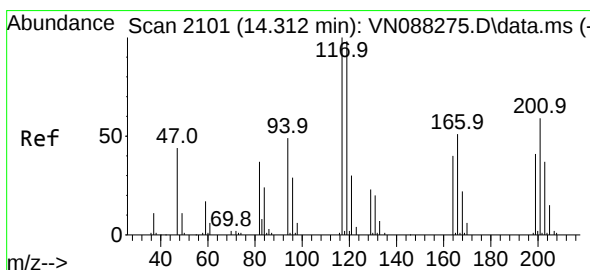
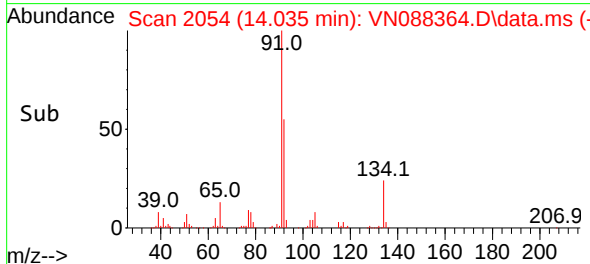
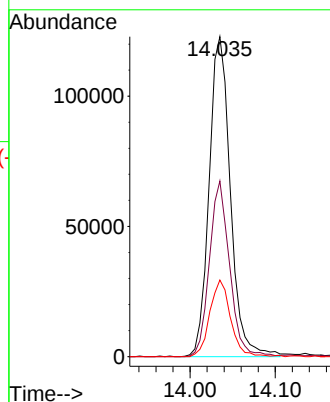
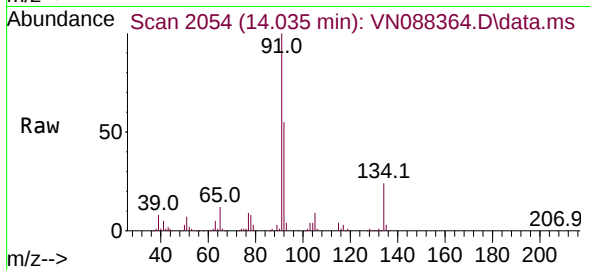
Carlone

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Supervised By :Semsettin

Yesilyurt

12/01/2025



#86

Hexachloroethane

Concen: 16.584 ug/l

RT: 14.306 min Scan# 2100

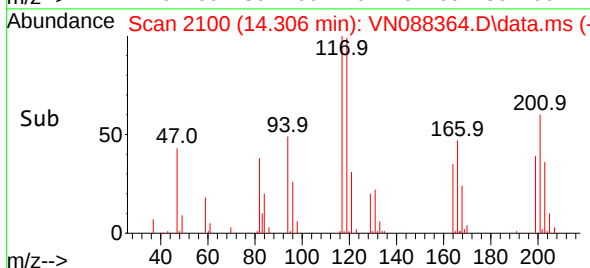
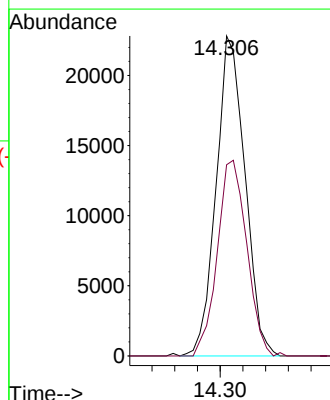
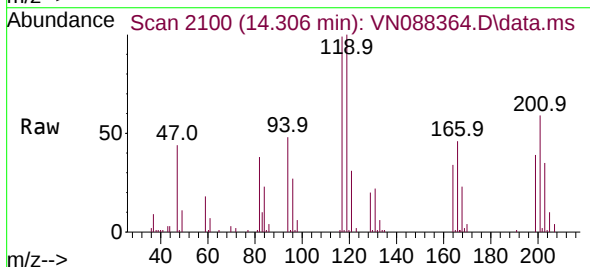
Delta R.T. -0.006 min

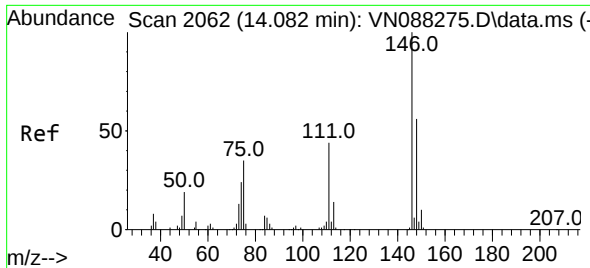
Lab File: VN088364.D

Acq: 26 Nov 2025 10:15

Tgt Ion:117 Resp: 40217

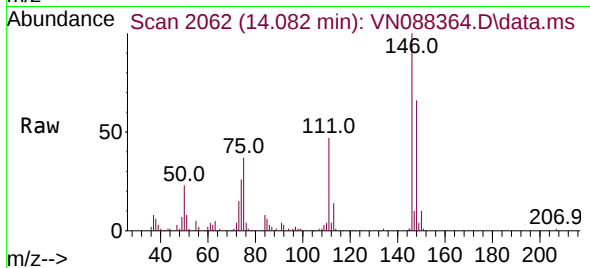
Ion	Ratio	Lower	Upper
117	100		
201	62.2	30.6	92.0





#87
1,2-Dichlorobenzene
Concen: 18.816 ug/l
RT: 14.082 min Scan# 2062
Delta R.T. -0.000 min
Lab File: VN088364.D
Acq: 26 Nov 2025 10:15

Instrument :
MSVOA_N
ClientSampleId :
VN1126WBSD01

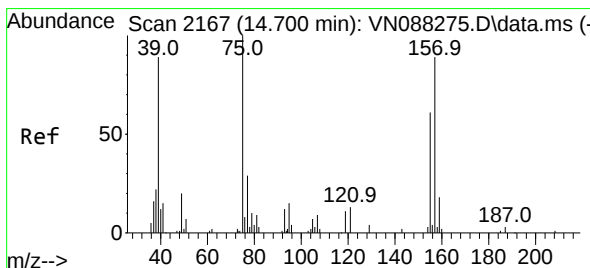
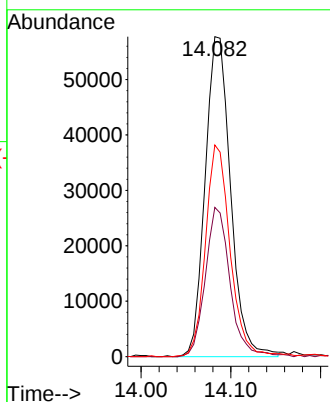
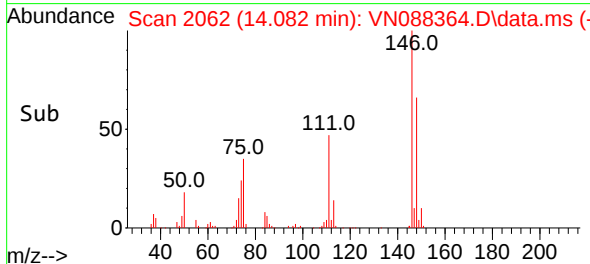


Tgt Ion:146 Resp: 113913
Ion Ratio Lower Upper
146 100
111 45.0 23.0 69.0
148 63.6 31.1 93.2

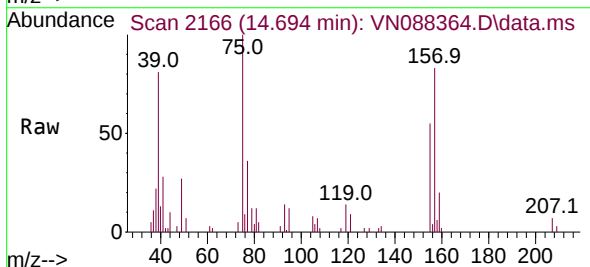
Manual Integrations
APPROVED

Reviewed By :John
Carlone
12/01/2025

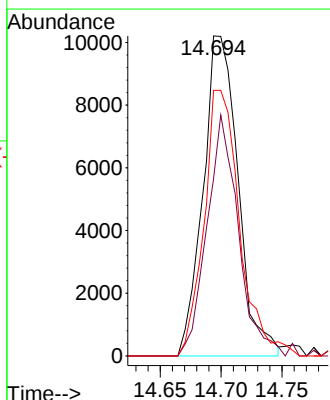
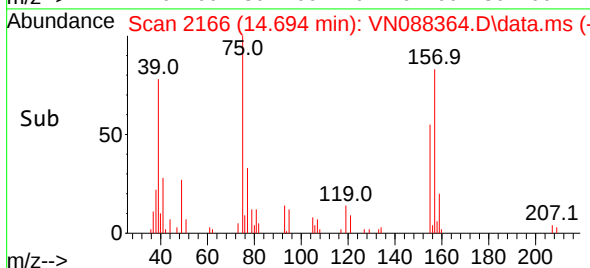
Supervised By :Semsettin
Yesilyurt
12/01/2025

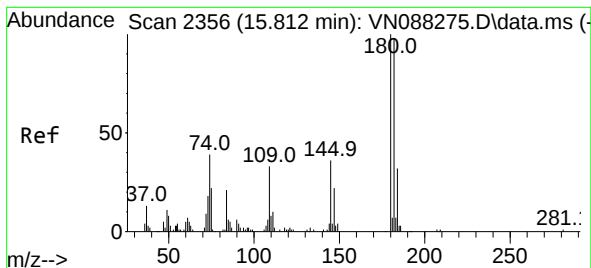


#88
1,2-Dibromo-3-Chloropropane
Concen: 18.362 ug/l
RT: 14.694 min Scan# 2166
Delta R.T. -0.006 min
Lab File: VN088364.D
Acq: 26 Nov 2025 10:15



Tgt Ion: 75 Resp: 20444
Ion Ratio Lower Upper
75 100
155 67.3 54.8 82.2
157 82.6 70.7 106.1





#89

1,2,4-Trichlorobenzene

Concen: 18.407 ug/l

RT: 15.811 min Scan# 2356

Delta R.T. -0.000 min

Lab File: VN088364.D

Acq: 26 Nov 2025 10:15

Instrument :

MSVOA_N

ClientSampleId :

VN1126WBSD01

Tgt Ion:180	Resp: 6253
Ion Ratio	Lower Upper
180 100	
182 97.0	77.3 115.9
145 36.9	30.2 45.4

Manual Integrations

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Reviewed By :John

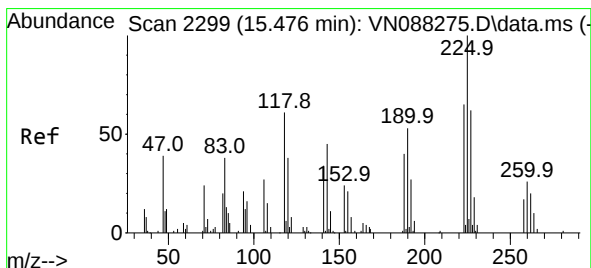
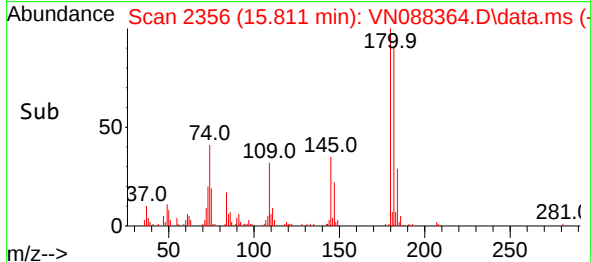
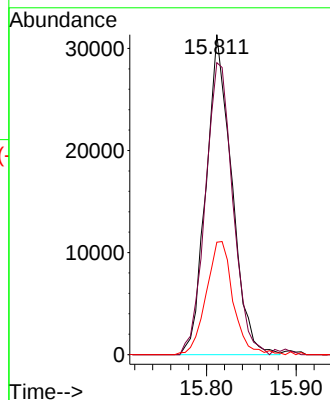
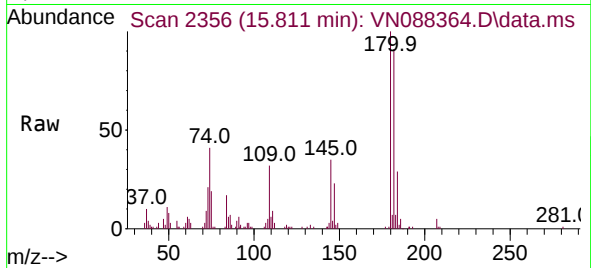
Carlone

12/01/2025

Supervised By :Semsettin

Yesilyurt

12/01/2025



#90

Hexachlorobutadiene

Concen: 19.208 ug/l

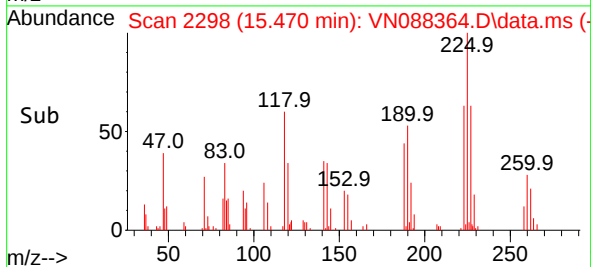
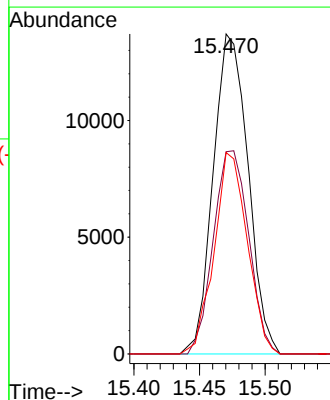
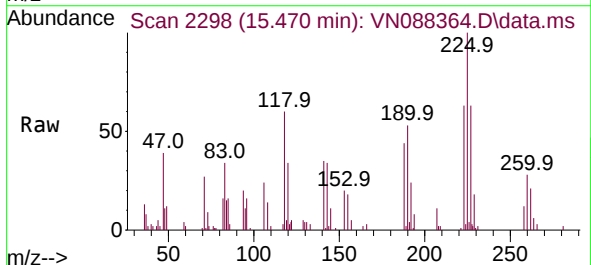
RT: 15.470 min Scan# 2298

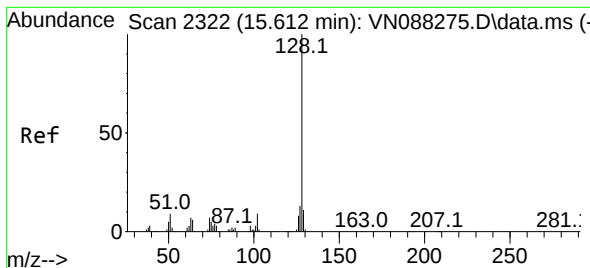
Delta R.T. -0.006 min

Lab File: VN088364.D

Acq: 26 Nov 2025 10:15

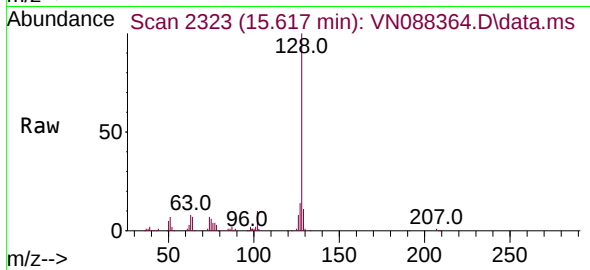
Tgt Ion:225	Resp: 25343
Ion Ratio	Lower Upper
225 100	
223 64.5	0.0 132.0
227 59.9	0.0 132.6





#91
Naphthalene
Concen: 17.874 ug/l
RT: 15.617 min Scan# 2322
Delta R.T. 0.006 min
Lab File: VN088364.D
Acq: 26 Nov 2025 10:15

Instrument :
MSVOA_N
ClientSampleId :
VN1126WBSD01

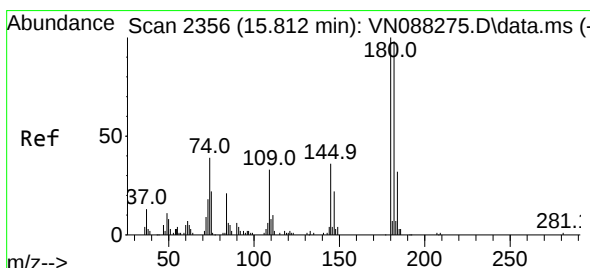
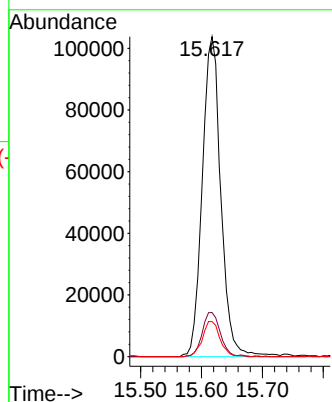
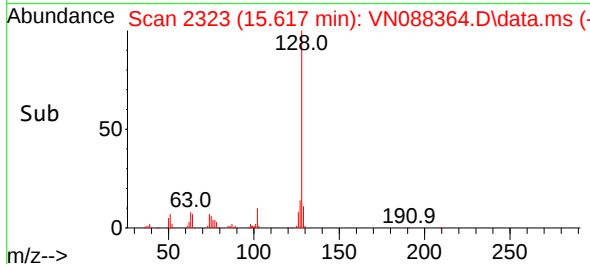


Tgt Ion:128 Resp: 21972
Ion Ratio Lower Upper
128 100
127 13.3 10.6 16.0
129 10.4 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John
Carlone
12/01/2025

Supervised By :Semsettin
Yesilyurt
12/01/2025



#92
1,2,3-Trichlorobenzene
Concen: 18.407 ug/l
RT: 15.811 min Scan# 2356
Delta R.T. -0.000 min
Lab File: VN088364.D
Acq: 26 Nov 2025 10:15

Tgt Ion:180 Resp: 62537
Ion Ratio Lower Upper
180 100
182 97.0 0.0 193.2
145 36.9 0.0 75.6

