

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112025\
 Data File : VN088325.D
 Acq On : 20 Nov 2025 12:44
 Operator : JC\MD
 Sample : Q3676-03MSD
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OUTFALL-DSN-001MSD

Quant Time: Nov 21 03:31:47 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
 11/21/2025
 Supervised By :Semsetun
 Yesilyurt
 11/21/2025

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

Internal Standards						
1) Bromochloromethane	7.794	128	34515	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.082	114	167024	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.847	117	156623	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.559	65	91543	29.036	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	96.800%		
60) 4-Bromofluorobenzene	12.829	95	74605	28.178	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	93.933%		
63) Toluene-d8	10.547	98	217495	29.331	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	97.767%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	35417	14.598	ug/l	97
3) Chloromethane	2.383	50	50873	20.337	ug/l	93
4) Vinyl Chloride	2.542	62	42755	16.164	ug/l	94
5) Bromomethane	2.983	94	25287	17.930	ug/l	89
6) Chloroethane	3.142	64	27917	17.075	ug/l	97
7) Trichlorofluoromethane	3.512	101	56165	15.146	ug/l	93
8) Diethyl Ether	3.965	74	22556	16.274	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.377	101	29146	14.982	ug/l	71
10) 1,1-Dichloroethene	4.348	96	30805	16.231	ug/l	86
11) Methyl Iodide	4.583	142	25359	12.555	ug/l #	88
12) Methyl Acetate	5.018	43	65220	21.300	ug/l	99
13) Acrolein	4.177	56	72941	161.912	ug/l	99
14) Acrylonitrile	5.706	53	134681	96.801	ug/l #	88
15) Acetone	4.424	58	209179	514.117	ug/l	100
16) Carbon Disulfide	4.700	76	102213	15.968	ug/l	99
17) Allyl chloride	5.018	41	60674	16.451	ug/l	94
18) Methylene Chloride	5.271	84	41420	17.558	ug/l	95
19) trans-1,2-Dichloroethene	5.777	96	36135	16.350	ug/l	96
20) Diisopropyl ether	6.653	45	135923	17.246	ug/l #	98
21) 1,1-Dichloroethane	6.553	63	73223	16.491	ug/l	98
22) cis-1,2-Dichloroethene	7.471	96	42477	16.536	ug/l	99
23) tert-Butyl Alcohol	5.518	59	63778	124.664	ug/l #	100
24) Methyl tert-Butyl Ether	5.789	73	126262	16.500	ug/l #	73
25) Chloroform	7.953	83	173511	39.437	ug/l	99
26) Cyclohexane	8.236	56	51482	13.727	ug/l #	95
29) 1,1-Dichloropropene	8.353	75	46600	16.721	ug/l	99
30) 2-Butanone	7.471	43	188677	104.662	ug/l	97
31) 2,2-Dichloropropane	7.477	77	59864	17.416	ug/l #	80
32) 1,1,1-Trichloroethane	8.153	97	61609	17.933	ug/l	96
33) Carbon Tetrachloride	8.341	117	50613	17.252	ug/l	96
34) Benzene	8.588	78	154076	18.496	ug/l	96
35) Methacrylonitrile	7.765	41	36453	19.386	ug/l	95
36) 1,2-Dichloroethane	8.659	62	62472	19.270	ug/l	100
37) Trichloroethene	9.335	130	34032	18.028	ug/l	92
38) Methylcyclohexane	9.582	83	44012	13.775	ug/l	95
39) 1,2-Dichloropropane	9.600	63	41038	19.095	ug/l	98
40) Dibromomethane	9.682	93	30194	19.554	ug/l	99
41) Bromodichloromethane	9.865	83	80864	26.014	ug/l	98
42) Vinyl Acetate	6.594	43	550138	91.434	ug/l	99

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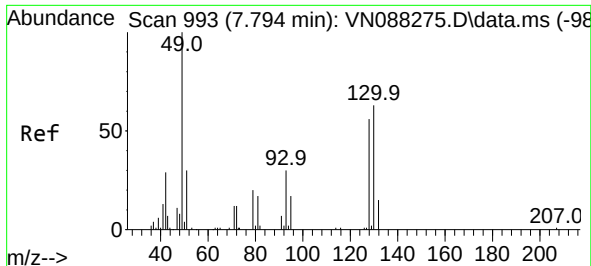
Manual Integrations APPROVED

Reviewed By :John
 Carlone
 11/21/2025

Supervised By :Semsettin
 Yesilyurt
 11/21/2025

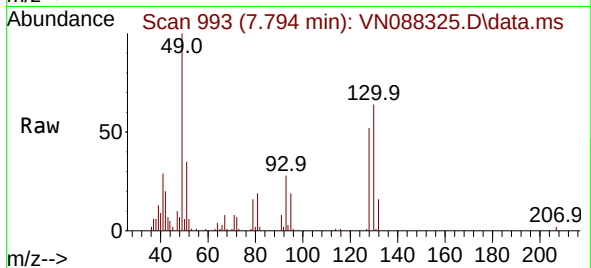
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
43) Ethyl Acetate	7.547	43	63132	17.405	ug/l	#	85
44) Isopropyl Acetate	8.671	43	107919	19.306	ug/l		98
45) 1,4-Dioxane	9.677	88	18751	557.040	ug/l	#	84
46) Methyl methacrylate	9.665	41	46935	17.943	ug/l		98
47) n-amyl Acetate	12.665	43	46436m	16.394	ug/l		
48) t-1,3-Dichloropropene	10.812	75	60331	18.146	ug/l		99
49) cis-1,3-Dichloropropene	10.294	75	61261	17.709	ug/l		98
50) 1,1,2-Trichloroethane	11.000	97	37423	19.600	ug/l		95
51) Ethyl methacrylate	10.853	69	53194	16.933	ug/l		96
52) 1,3-Dichloropropane	11.141	76	67280	19.348	ug/l		98
53) Dibromochloromethane	11.335	129	44702	20.382	ug/l		93
54) 1,2-Dibromoethane	11.447	107	36901	18.600	ug/l		98
56) Bromoform	12.559	173	24964	17.983	ug/l		96
58) 4-Methyl-2-Pentanone	10.424	43	375872	106.106	ug/l		94
59) 2-Hexanone	11.182	43	207729	88.310	ug/l		99
61) Tetrachloroethene	11.082	164	25918	16.050	ug/l		87
62) Toluene	10.612	91	158441	17.628	ug/l		100
64) Chlorobenzene	11.871	112	99334	17.845	ug/l		98
65) 1,1,1,2-Tetrachloroethane	11.941	131	35127	18.437	ug/l		96
66) Ethyl Benzene	11.941	91	163280	16.483	ug/l		98
67) m/p-Xylenes	12.053	106	120670	32.574	ug/l		98
68) o-Xylene	12.376	106	55295	15.823	ug/l		99
69) Styrene	12.394	104	92168	15.529	ug/l		99
70) Isopropylbenzene	12.671	105	140914	15.216	ug/l		100
71) 1,1,2,2-Tetrachloroethane	12.918	83	58625	19.542	ug/l		99
72) 1,2,3-Trichloropropane	12.976	75	57613m	19.824	ug/l		
73) Bromobenzene	12.959	156	37829	18.093	ug/l		92
74) n-propylbenzene	13.012	91	174924	15.262	ug/l		98
75) 2-Chlorotoluene	13.106	91	108157	15.519	ug/l		98
76) 1,3,5-Trimethylbenzene	13.147	105	120083	15.447	ug/l		99
77) t-1,4-Dichloro-2-butene	12.718	75	16684	16.717	ug/l		91
78) 4-Chlorotoluene	13.200	91	106474	15.076	ug/l		93
79) tert-butylbenzene	13.418	119	99187	14.903	ug/l		99
80) 1,2,4-Trimethylbenzene	13.459	105	121001	15.653	ug/l		98
81) sec-Butylbenzene	13.594	105	142301	14.659	ug/l		100
82) p-Isopropyltoluene	13.706	119	118781	14.808	ug/l		97
83) 1,3-Dichlorobenzene	13.712	146	71298	17.551	ug/l		99
84) 1,4-Dichlorobenzene	13.788	146	73420	17.847	ug/l		97
85) n-Butylbenzene	14.035	91	114857	15.024	ug/l		99
86) Hexachloroethane	14.312	117	26039	16.954	ug/l		97
87) 1,2-Dichlorobenzene	14.082	146	66436	17.327	ug/l		97
88) 1,2-Dibromo-3-Chloropr...	14.700	75	12990	18.422	ug/l		99
89) 1,2,4-Trichlorobenzene	15.811	180	34443	16.008	ug/l		97
90) Hexachlorobutadiene	15.476	225	14458	17.302	ug/l		98
91) Naphthalene	15.617	128	128004	16.442	ug/l		99
92) 1,2,3-Trichlorobenzene	15.811	180	34443	16.008	ug/l		97

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.794 min Scan# 993
Delta R.T. 0.000 min
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MSVOA_N
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OUTFALL-DSN-001MSD

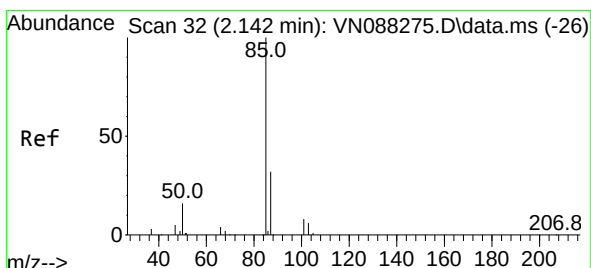
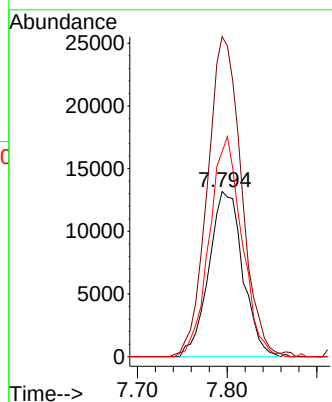
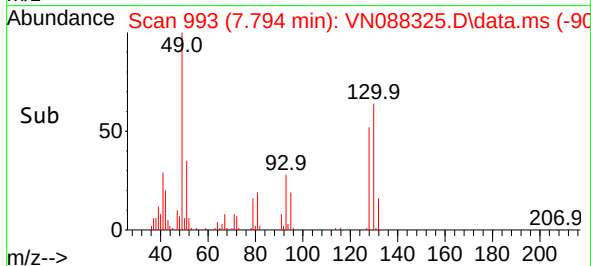


Tgt Ion:128 Resp: 3451
Ion Ratio Lower Upper
128 100
49 194.6 0.0 501.2
130 128.2 0.0 320.2

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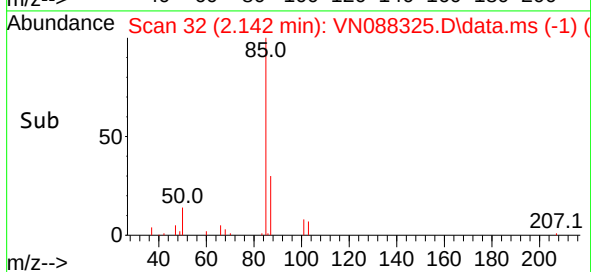
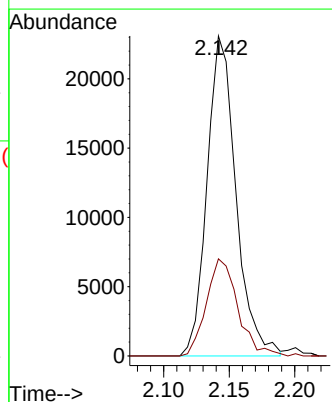
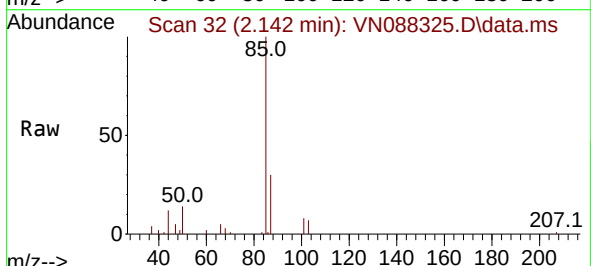
Reviewed By :John
Carlone
11/21/2025

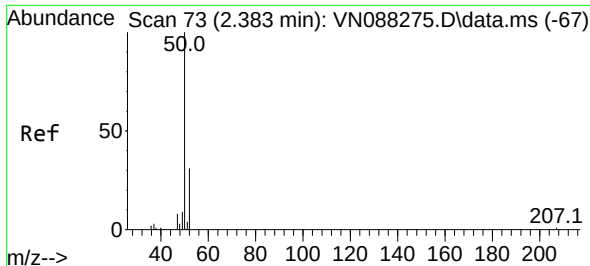
Supervised By :Semsetin
Yesilyurt
11/21/2025



#2
Dichlorodifluoromethane
Concen: 14.598 ug/l
RT: 2.142 min Scan# 32
Delta R.T. -0.000 min
Lab File: VN088325.D
Acq: 20 Nov 2025 12:44

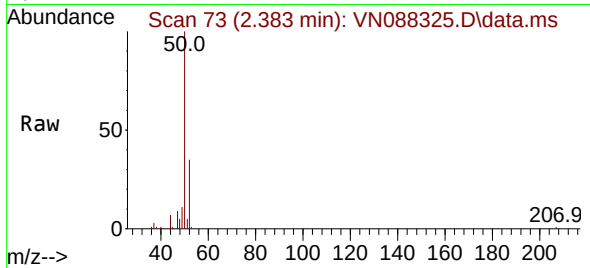
Tgt Ion: 85 Resp: 35417
Ion Ratio Lower Upper
85 100
87 30.4 16.0 48.0





#3
Chloromethane
Concen: 20.337 ug/l
RT: 2.383 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN088325.D
Acq: 20 Nov 2025 12:44

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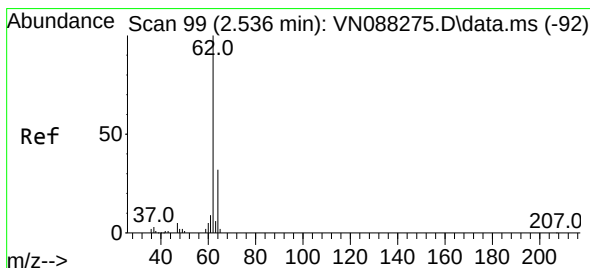
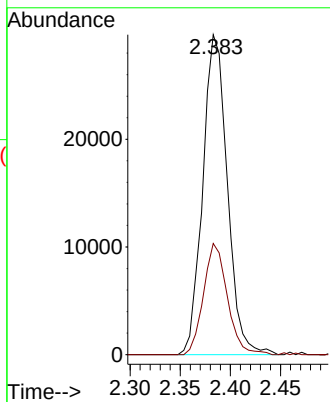
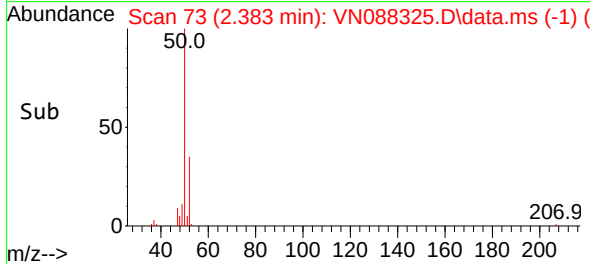


Tgt Ion: 50 Resp: 5087
Ion Ratio Lower Upper
50 100
52 34.7 24.6 36.8

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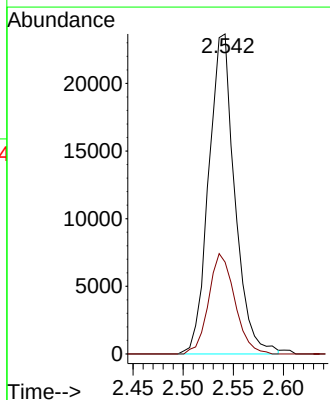
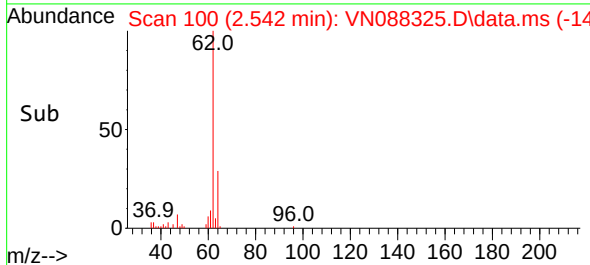
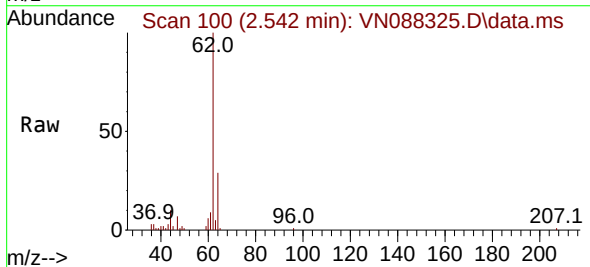
Reviewed By :John
Carlone
11/21/2025

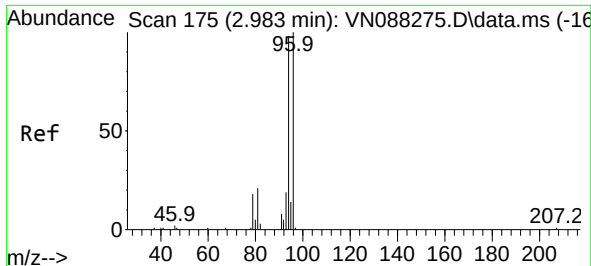
Supervised By :Semsetin
Yesilyurt
11/21/2025



#4
Vinyl Chloride
Concen: 16.164 ug/l
RT: 2.542 min Scan# 100
Delta R.T. 0.006 min
Lab File: VN088325.D
Acq: 20 Nov 2025 12:44

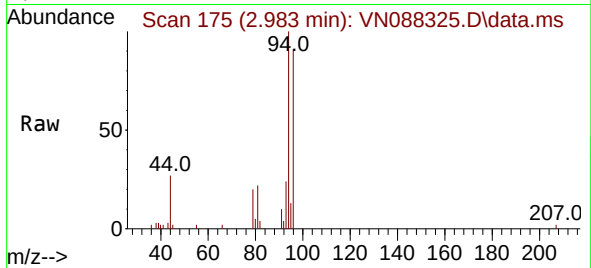
Tgt Ion: 62 Resp: 42755
Ion Ratio Lower Upper
62 100
64 28.7 25.4 38.2





#5
Bromomethane
Concen: 17.930 ug/l
RT: 2.983 min Scan# 175
Delta R.T. -0.000 min
Lab File: VN088325.D
Acq: 20 Nov 2025 12:44

Instrument :
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ClientSampleId :
OUTFALL-DSN-001MSD

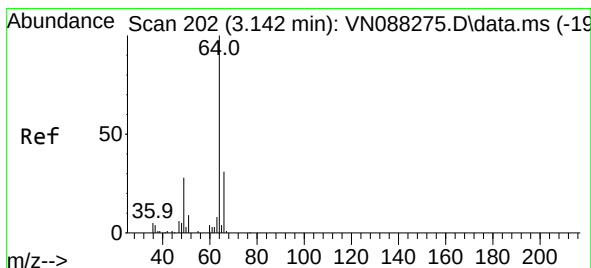
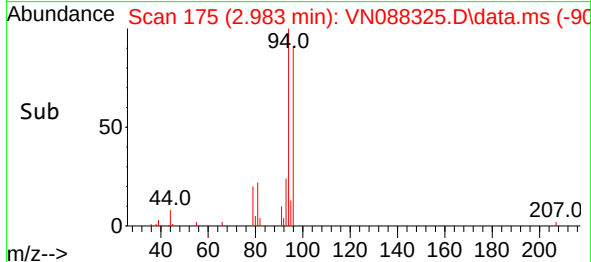
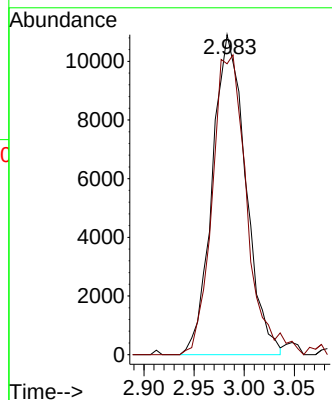


Tgt Ion: 94 Resp: 2528
Ion Ratio Lower Upper
94 100
96 90.9 81.3 121.9

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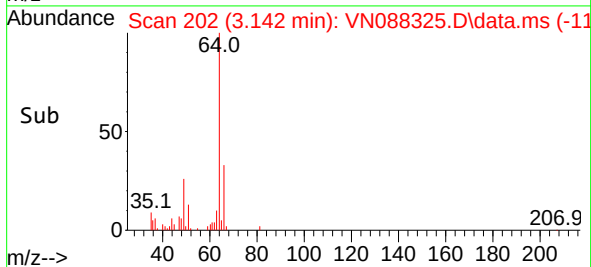
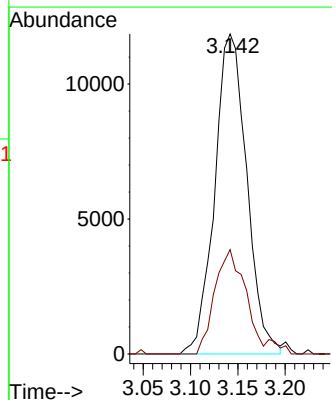
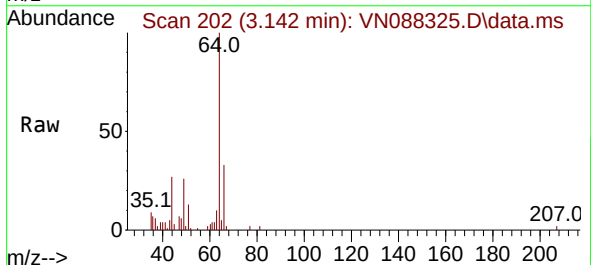
Reviewed By :John
Carlone
11/21/2025

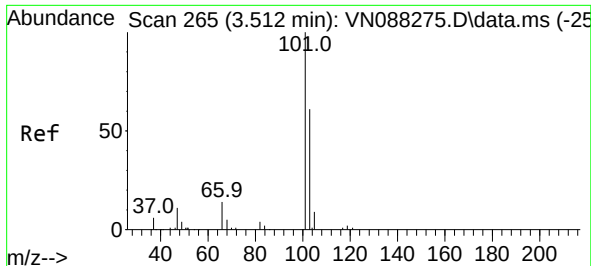
Supervised By :Semsettin
Yesilyurt
11/21/2025



#6
Chloroethane
Concen: 17.075 ug/l
RT: 3.142 min Scan# 202
Delta R.T. -0.000 min
Lab File: VN088325.D
Acq: 20 Nov 2025 12:44

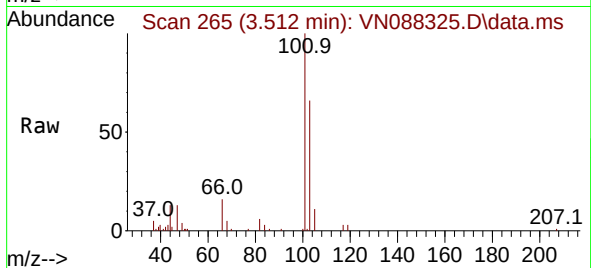
Tgt Ion: 64 Resp: 27917
Ion Ratio Lower Upper
64 100
66 32.6 24.7 37.1





#7
 Trichlorofluoromethane
 Concen: 15.146 ug/l
 RT: 3.512 min Scan# 265
 Delta R.T. -0.000 min
 Lab File: VN088325.D
 Acq: 20 Nov 2025 12:44

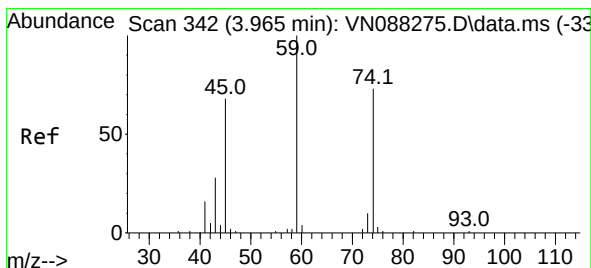
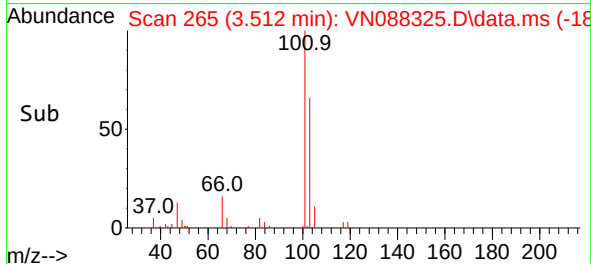
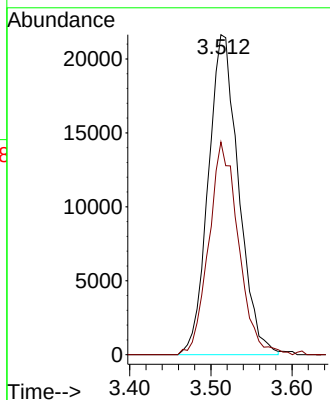
Instrument :
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Tgt Ion: 101 Resp: 5616
 Ion Ratio Lower Upper
 101 100
 103 66.5 48.6 73.0

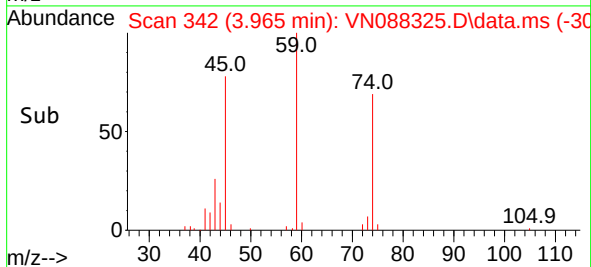
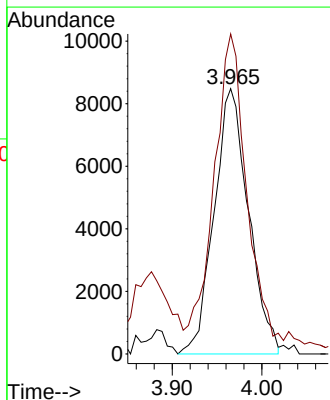
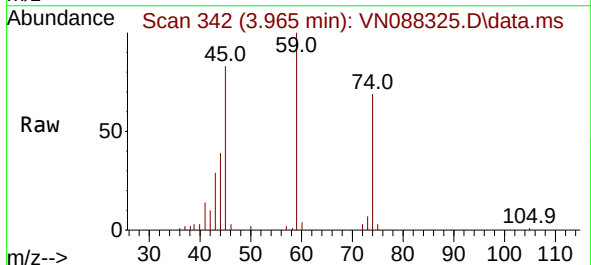
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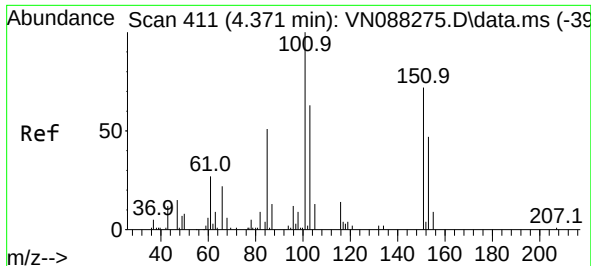
Reviewed By :John
 Carlone
 11/21/2025
 Supervised By :Semsettin
 Yesilyurt
 11/21/2025



#8
 Diethyl Ether
 Concen: 16.274 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. -0.000 min
 Lab File: VN088325.D
 Acq: 20 Nov 2025 12:44

Tgt Ion: 74 Resp: 22556
 Ion Ratio Lower Upper
 74 100
 45 106.4 20.9 187.7





#9
1,1,2-Trichlorotrifluoroethane
Concen: 14.982 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN088325.D
Acq: 20 Nov 2025 12:44

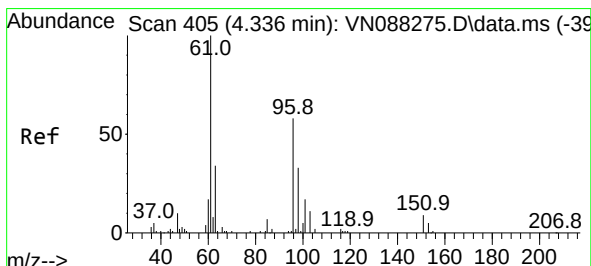
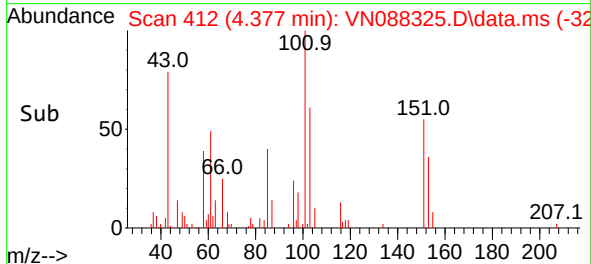
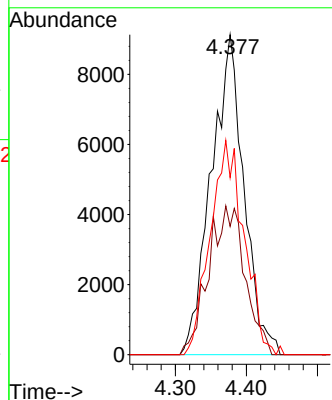
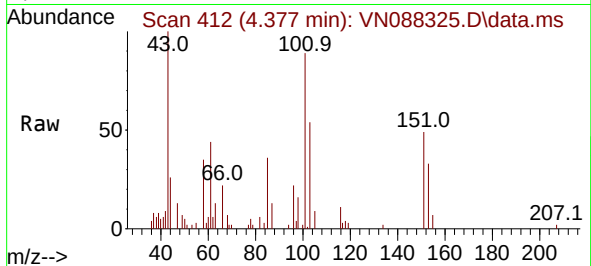
Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MSD

Tgt Ion: 101 Resp: 2914
Ion Ratio Lower Upper
101 100
85 3.1 0.0 100.8
151 69.5 0.0 138.4

Manual Integrations
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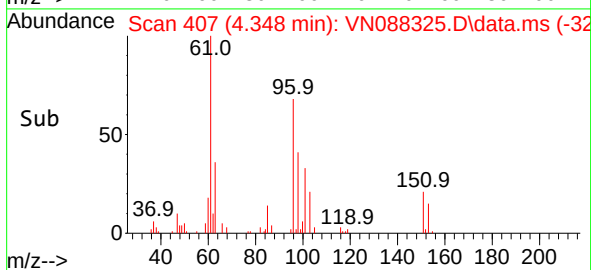
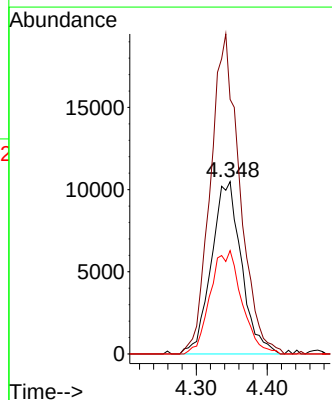
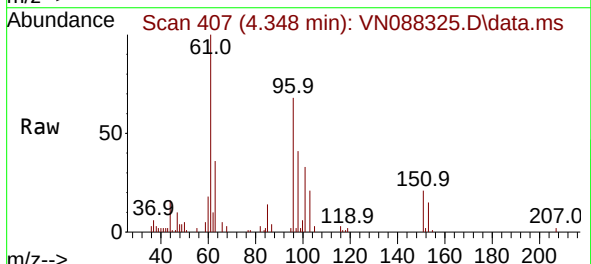
Reviewed By :John
Carlone
11/21/2025

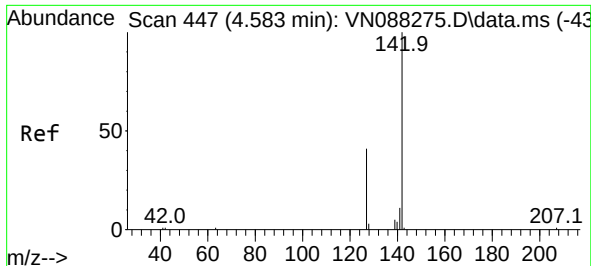
Supervised By :Semsettin
Yesilyurt
11/21/2025



#10
1,1-Dichloroethene
Concen: 16.231 ug/l
RT: 4.348 min Scan# 407
Delta R.T. 0.012 min
Lab File: VN088325.D
Acq: 20 Nov 2025 12:44

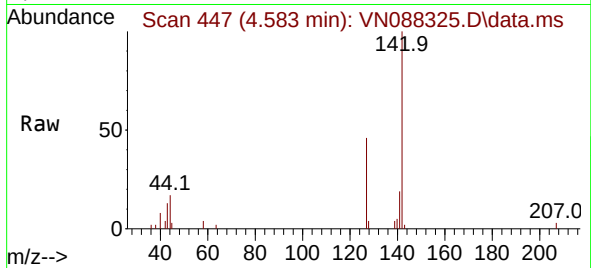
Tgt Ion: 96 Resp: 30805
Ion Ratio Lower Upper
96 100
61 147.8 137.8 206.8
98 60.0 45.6 68.4





#11
Methyl Iodide
Concen: 12.555 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.000 min
Lab File: VN088325.D
Acq: 20 Nov 2025 12:44

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MSD

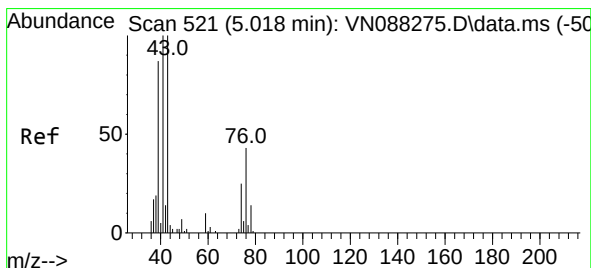
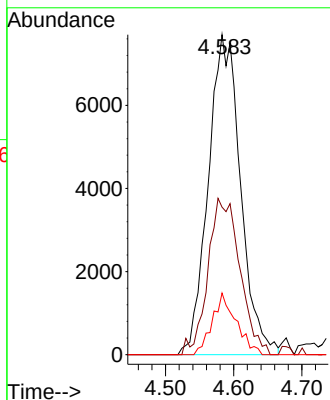
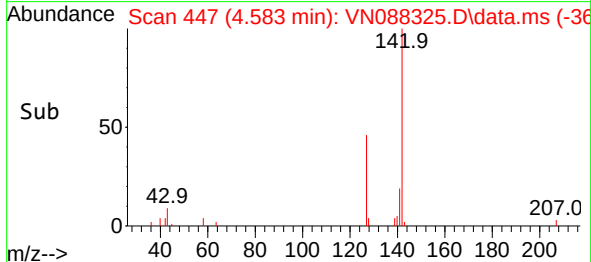


Tgt Ion:142 Resp: 2535
Ion Ratio Lower Upper
142 100
127 46.6 20.4 61.2
141 19.5 5.6 16.8

Manual Integrations
APPROVED

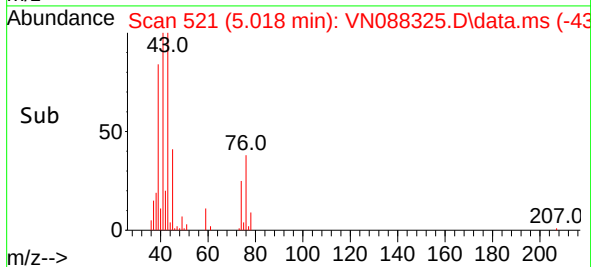
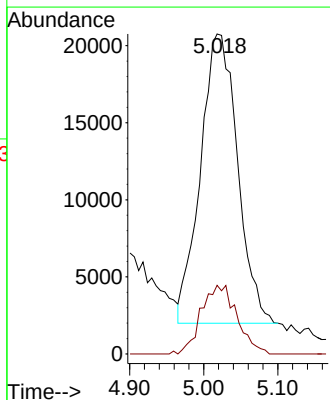
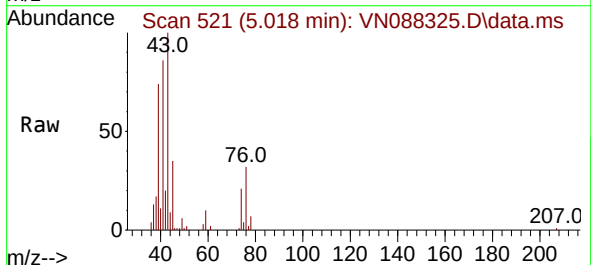
Reviewed By :John
Carlone
11/21/2025

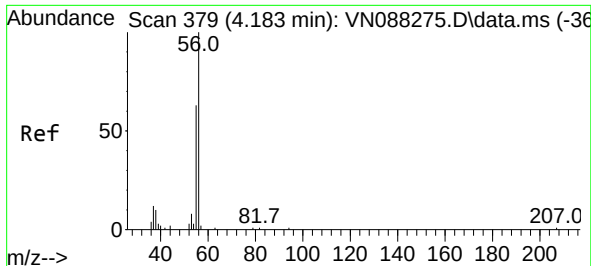
Supervised By :Semsettin
Yesilyurt
11/21/2025



#12
Methyl Acetate
Concen: 21.300 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN088325.D
Acq: 20 Nov 2025 12:44

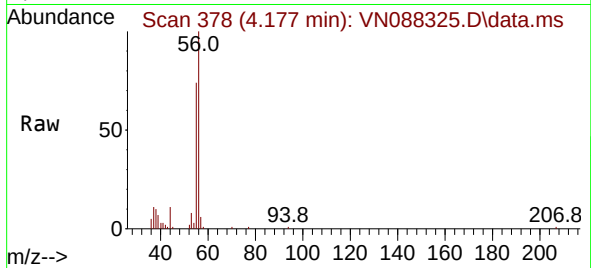
Tgt Ion: 43 Resp: 65220
Ion Ratio Lower Upper
43 100
74 24.5 19.8 29.8





#13
Acrolein
Concen: 161.912 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN088325.D
Acq: 20 Nov 2025 12:44

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MSD

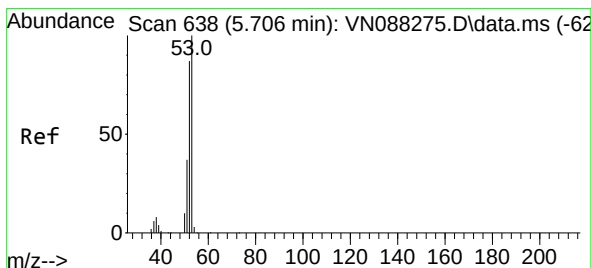
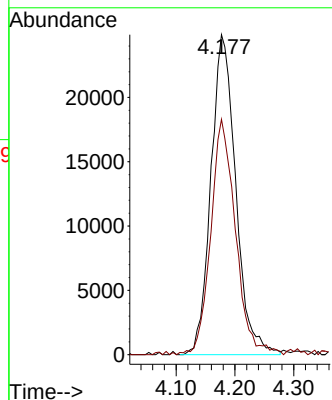


Tgt Ion: 56 Resp: 7294
Ion Ratio Lower Upper
56 100
55 71.5 57.9 86.9

Manual Integrations
APPROVED

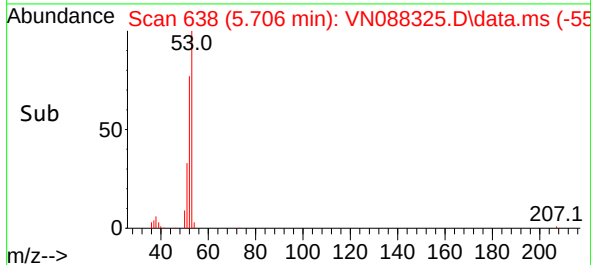
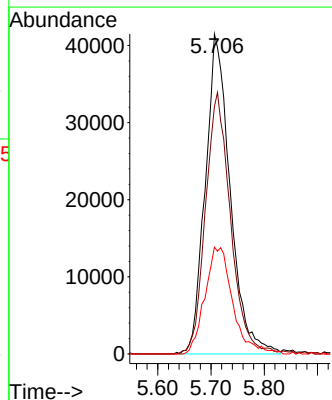
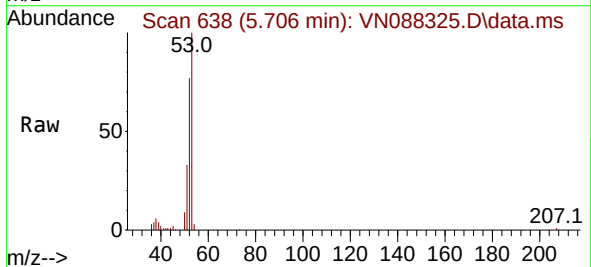
Reviewed By :John
Carlone
11/21/2025

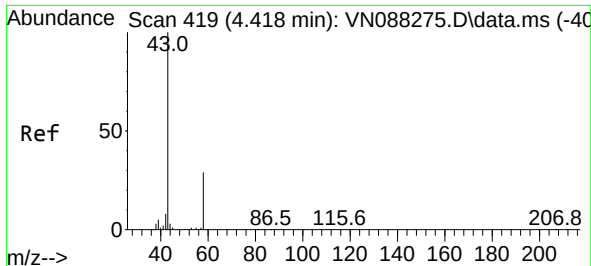
Supervised By :Semsettin
Yesilyurt
11/21/2025



#14
Acrylonitrile
Concen: 96.801 ug/l
RT: 5.706 min Scan# 638
Delta R.T. -0.000 min
Lab File: VN088325.D
Acq: 20 Nov 2025 12:44

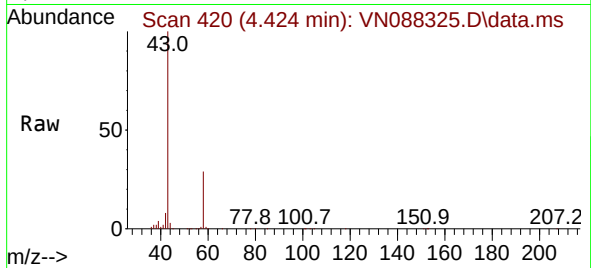
Tgt Ion: 53 Resp: 134681
Ion Ratio Lower Upper
53 100
52 81.3 42.3 126.9
51 18.4 18.4 55.2#





#15
Acetone
Concen: 514.117 ug/l
RT: 4.424 min Scan# 419
Delta R.T. 0.006 min
Lab File: VN088325.D
Acq: 20 Nov 2025 12:44

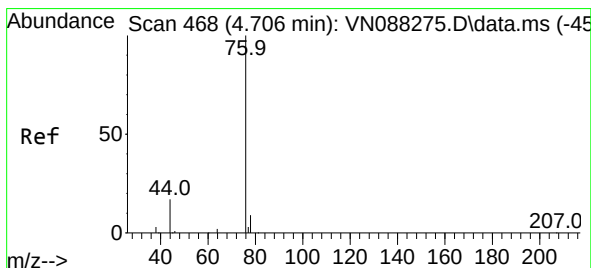
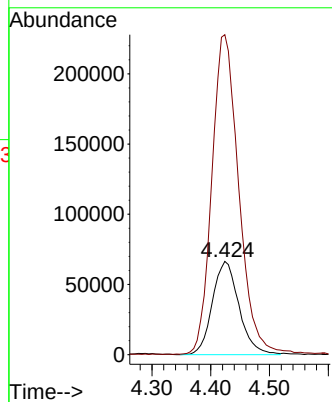
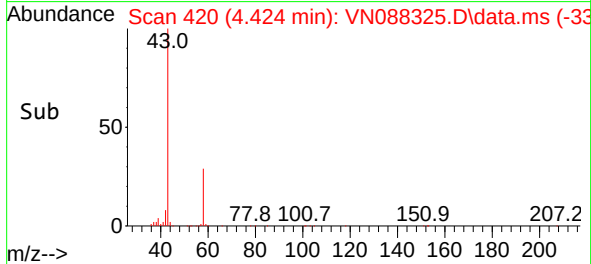
Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MSD



Tgt Ion: 58 Resp: 209179
Ion Ratio Lower Upper
58 100
43 342.7 273.9 410.9

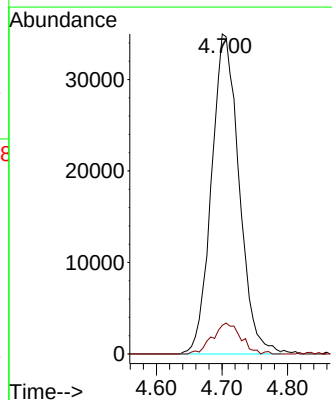
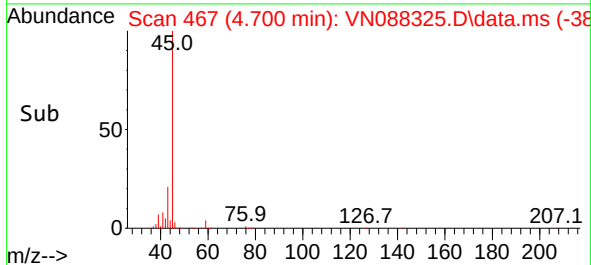
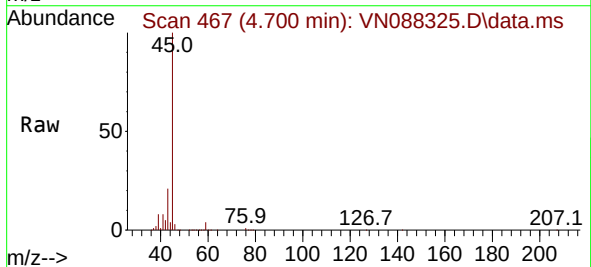
Manual Integrations
APPROVED

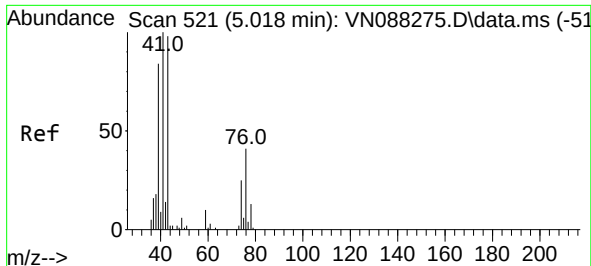
Reviewed By :John
Carlone
11/21/2025
Supervised By :Semsettin
Yesilyurt
11/21/2025



#16
Carbon Disulfide
Concen: 15.968 ug/l
RT: 4.700 min Scan# 467
Delta R.T. -0.006 min
Lab File: VN088325.D
Acq: 20 Nov 2025 12:44

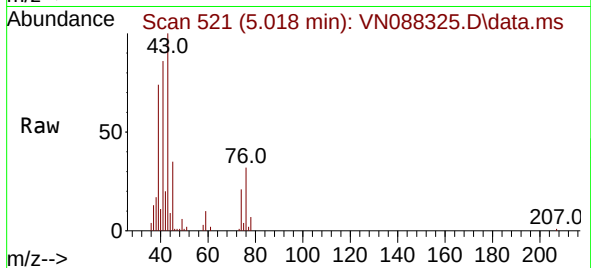
Tgt Ion: 76 Resp: 102213
Ion Ratio Lower Upper
76 100
78 8.9 7.5 11.3





#17
 Allyl chloride
 Concen: 16.451 ug/l
 RT: 5.018 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VN088325.D
 Acq: 20 Nov 2025 12:44

Instrument :
 MSVOA_N
 ClientSampleId :
 OUTFALL-DSN-001MSD



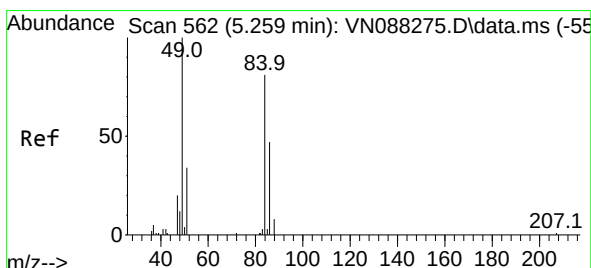
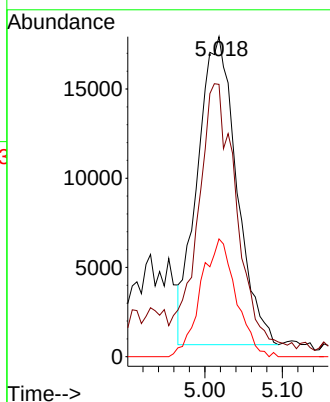
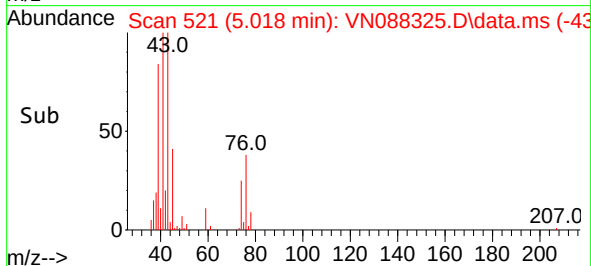
Tgt Ion: 41 Resp: 60674

Ion	Ratio	Lower	Upper
41	100		
39	83.6	38.3	114.9
76	38.2	18.5	55.5

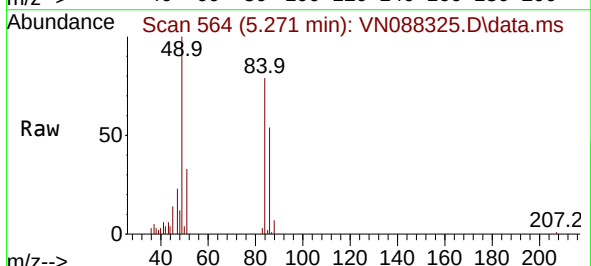
Manual Integrations
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 Carlone
 11/21/2025

Supervised By :Semsettin
 Yesilyurt
 11/21/2025

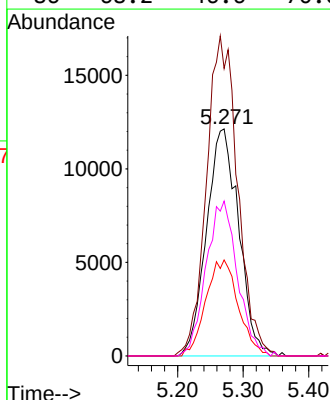
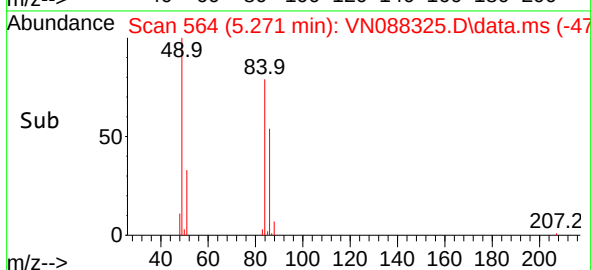


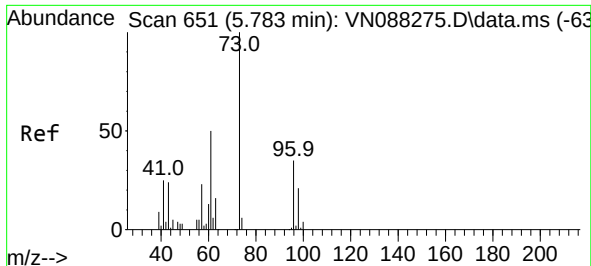
#18
 Methylene Chloride
 Concen: 17.558 ug/l
 RT: 5.271 min Scan# 564
 Delta R.T. 0.012 min
 Lab File: VN088325.D
 Acq: 20 Nov 2025 12:44



Tgt Ion: 84 Resp: 41420

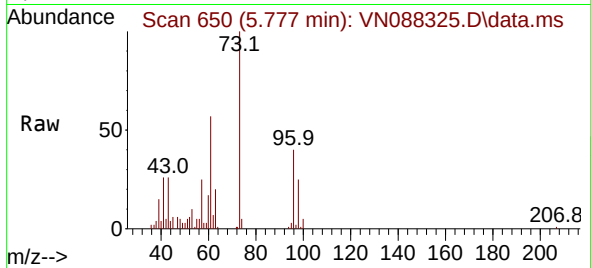
Ion	Ratio	Lower	Upper
84	100		
49	126.6	98.7	148.1
51	42.3	33.7	50.5
86	68.2	46.6	70.0





#19
trans-1,2-Dichloroethene
Concen: 16.350 ug/l
RT: 5.777 min Scan# 613
Delta R.T. -0.006 min
Lab File: VN088325.D
Acq: 20 Nov 2025 12:44

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MSD

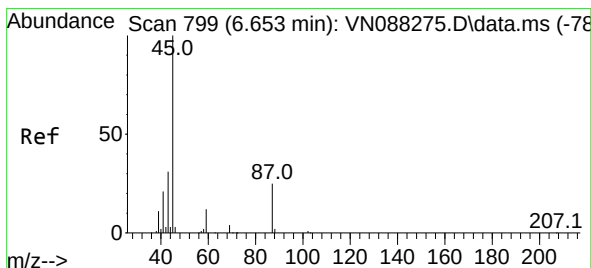
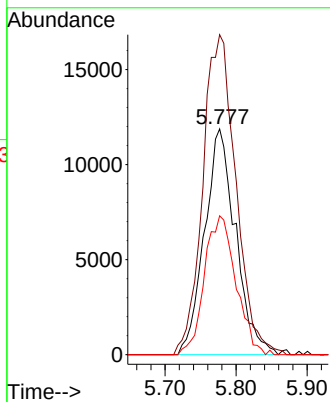
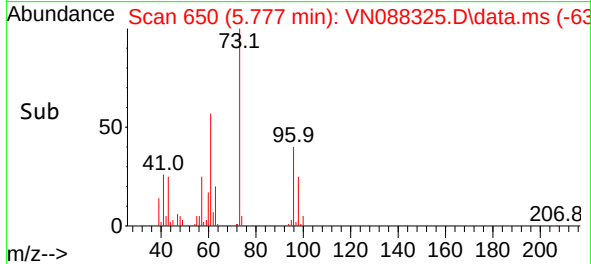


Tgt Ion: 96 Resp: 3613
Ion Ratio Lower Upper
96 100
61 139.6 117.0 175.4
98 61.5 48.6 72.8

Manual Integrations
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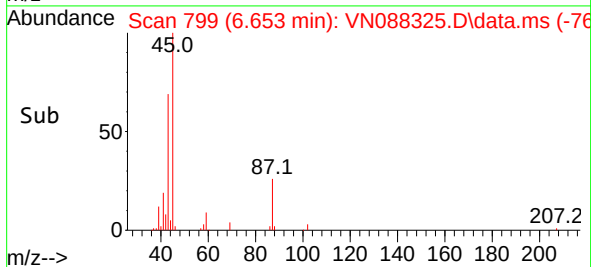
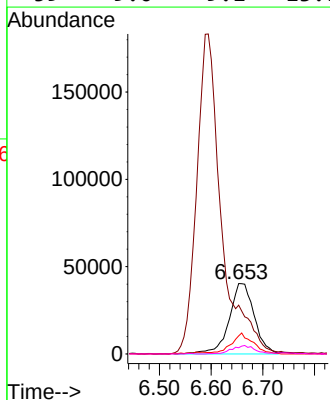
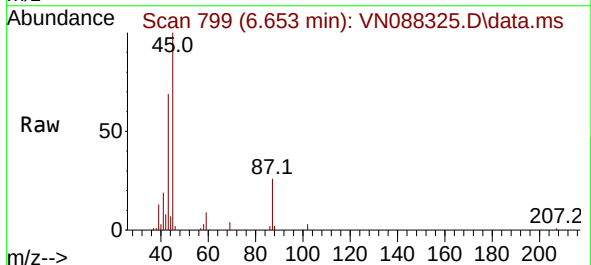
Reviewed By :John
Carlone
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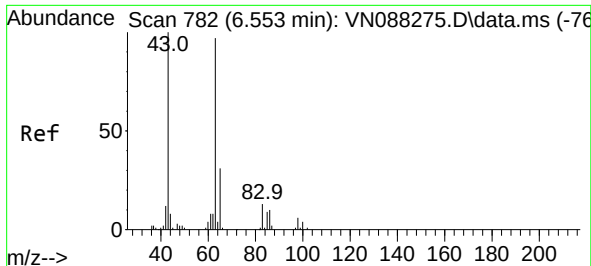
Supervised By :Semsettin
Yesilyurt
11/21/2025



#20
Diisopropyl ether
Concen: 17.246 ug/l
RT: 6.653 min Scan# 799
Delta R.T. -0.000 min
Lab File: VN088325.D
Acq: 20 Nov 2025 12:44

Tgt Ion: 45 Resp: 135923
Ion Ratio Lower Upper
45 100
43 66.2 51.9 77.9
87 25.1 21.1 31.7
59 9.0 9.1 13.7#





#21
1,1-Dichloroethane
Concen: 16.491 ug/l
RT: 6.553 min Scan# 782
Delta R.T. -0.000 min
Lab File: VN088325.D
Acq: 20 Nov 2025 12:44

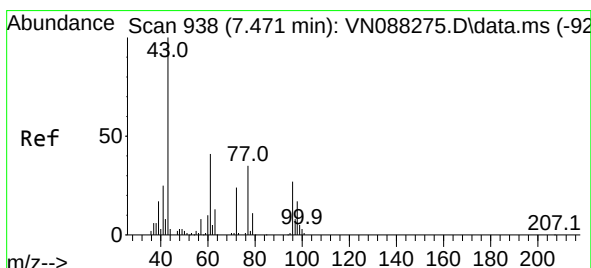
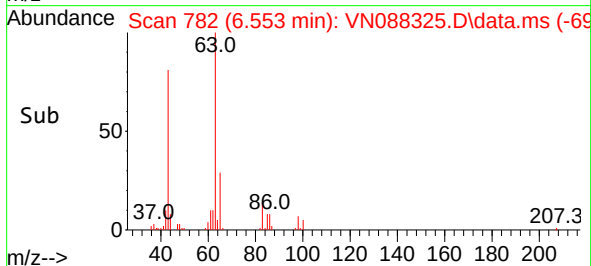
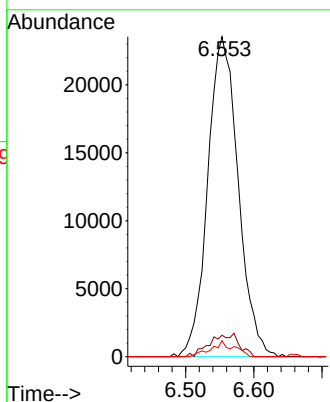
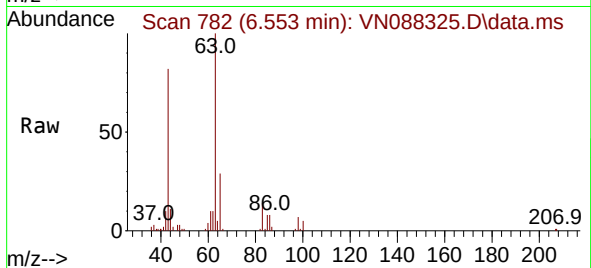
Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MSD

Tgt Ion: 63 Resp: 7322
Ion Ratio Lower Upper
63 100
98 6.7 3.0 9.0
100 5.0 2.1 6.3

Manual Integrations
APPROVED

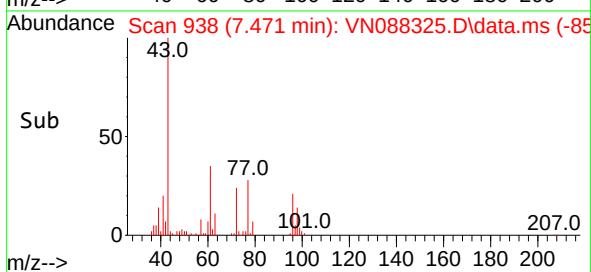
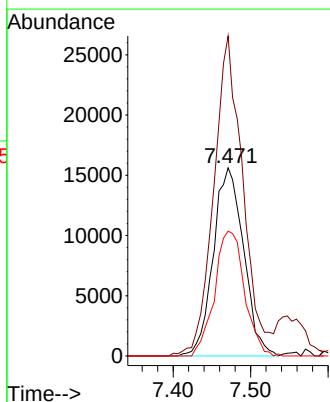
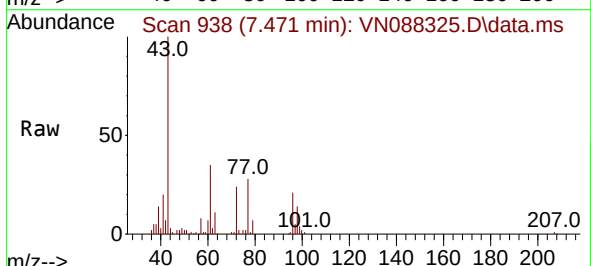
Reviewed By :John
Carlone
11/21/2025

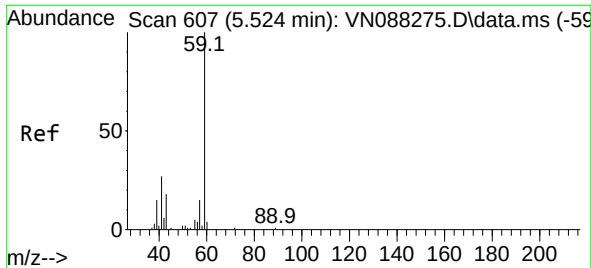
Supervised By :Semsettin
Yesilyurt
11/21/2025



#22
cis-1,2-Dichloroethene
Concen: 16.536 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.000 min
Lab File: VN088325.D
Acq: 20 Nov 2025 12:44

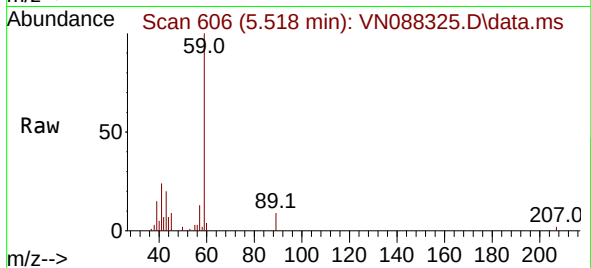
Tgt Ion: 96 Resp: 42477
Ion Ratio Lower Upper
96 100
61 163.8 131.2 196.8
98 65.2 51.0 76.4





#23
tert-Butyl Alcohol
Concen: 124.664 ug/l
RT: 5.518 min Scan# 607
Delta R.T. -0.006 min
Lab File: VN088325.D
Acq: 20 Nov 2025 12:44

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MSD

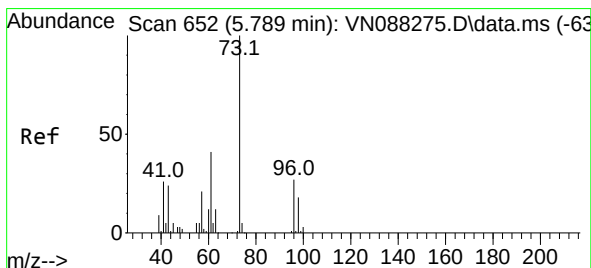
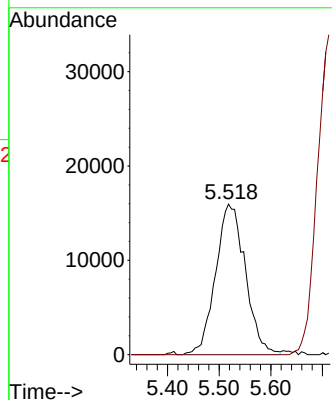


Tgt Ion: 59 Resp: 63778
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

Manual Integrations
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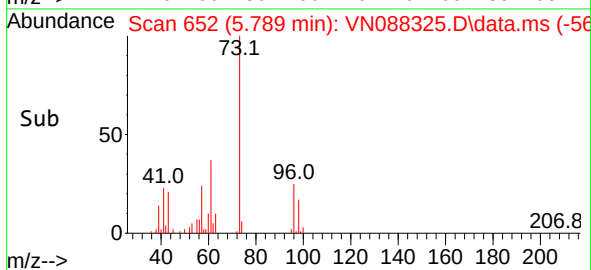
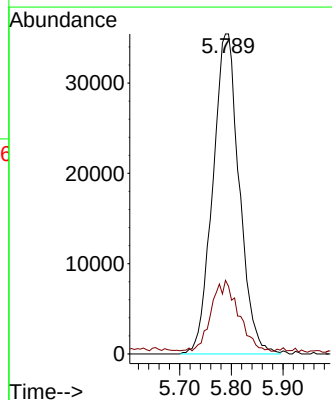
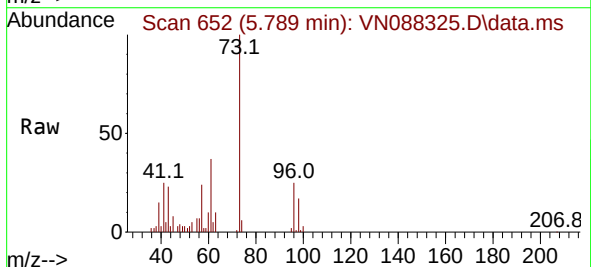
Reviewed By :John
Carlone
11/21/2025

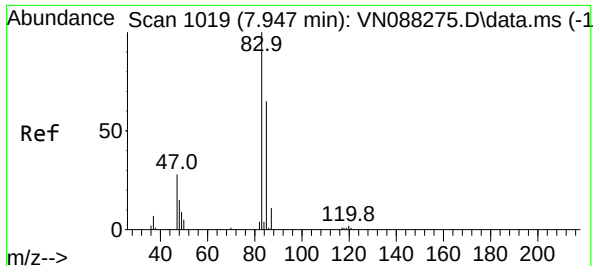
Supervised By :Semsettin
Yesilyurt
11/21/2025



#24
Methyl tert-Butyl Ether
Concen: 16.500 ug/l
RT: 5.789 min Scan# 652
Delta R.T. -0.000 min
Lab File: VN088325.D
Acq: 20 Nov 2025 12:44

Tgt Ion: 73 Resp: 126262
Ion Ratio Lower Upper
73 100
43 10.1 18.5 27.7#





#25

Chloroform

Concen: 39.437 ug/l

RT: 7.953 min Scan# 1019

Delta R.T. 0.006 min

Lab File: VN088325.D

Acq: 20 Nov 2025 12:44

Instrument :

MSVOA_N

ClientSampleId :

OUTFALL-DSN-001MSD

Tgt Ion: 83 Resp: 17351

Ion Ratio Lower Upper

83 100

85 64.6 52.2 78.4

Manual Integrations

APPROVED

Reviewed By :John

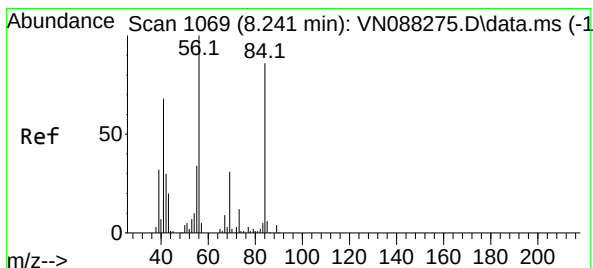
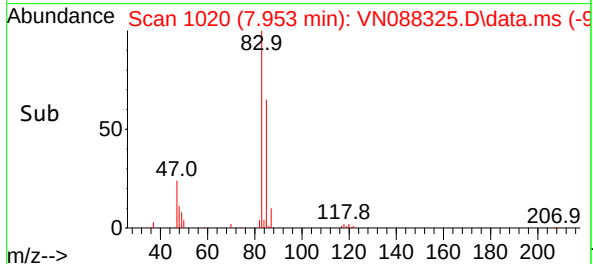
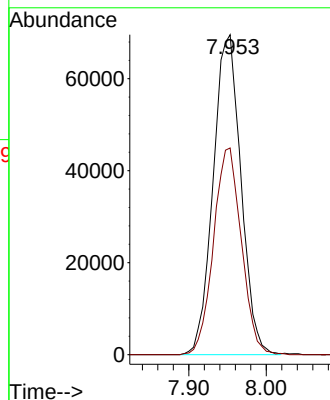
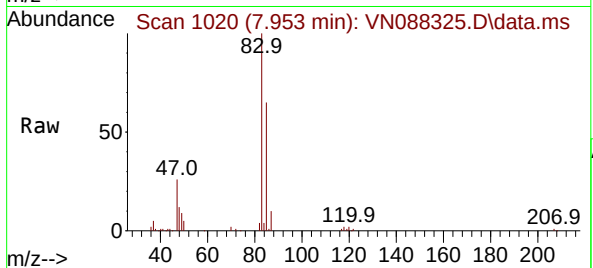
Carlone

11/21/2025

Supervised By :Semsettin

Yesilyurt

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#26

Cyclohexane

Concen: 13.727 ug/l

RT: 8.236 min Scan# 1068

Delta R.T. -0.006 min

Lab File: VN088325.D

Acq: 20 Nov 2025 12:44

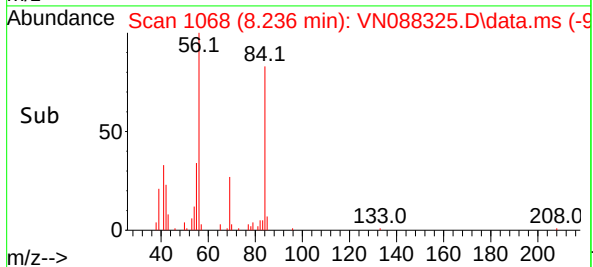
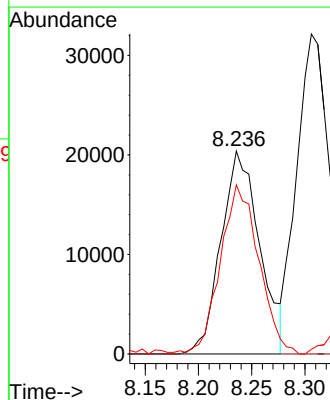
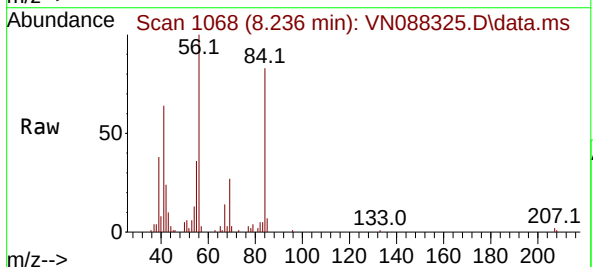
Tgt Ion: 56 Resp: 51482

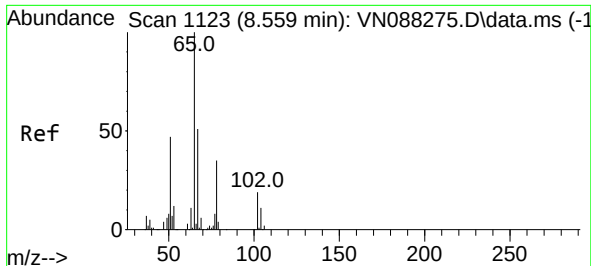
Ion Ratio Lower Upper

56 100

89 0.0 7.3 10.9#

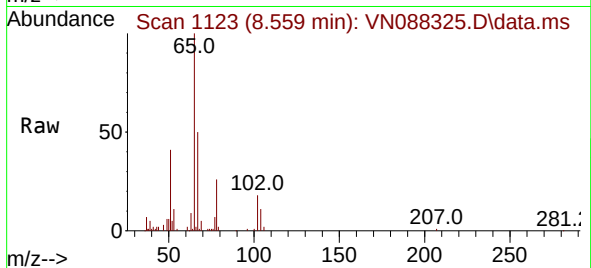
84 82.5 67.8 101.8





#27
1,2-Dichloroethane-d4
Concen: 29.036 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. -0.000 min
Lab File: VN088325.D
Acq: 20 Nov 2025 12:44

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MSD

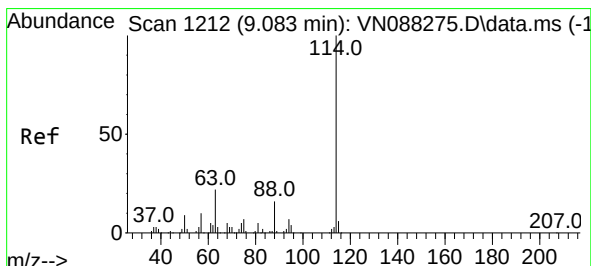
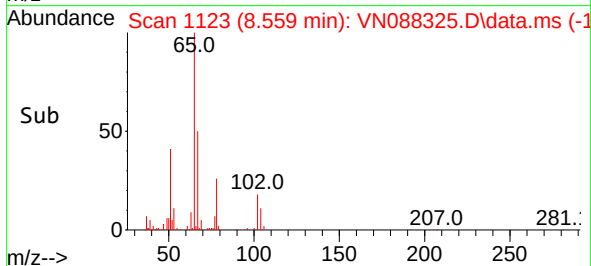
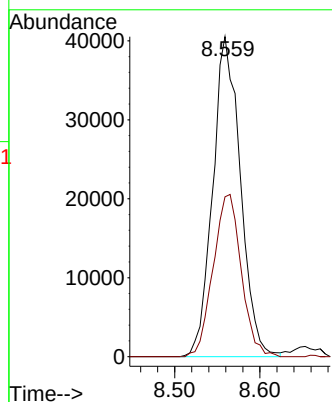


Tgt Ion: 65 Resp: 9154
Ion Ratio Lower Upper
65 100
67 51.1 40.2 60.2

Manual Integrations
APPROVED

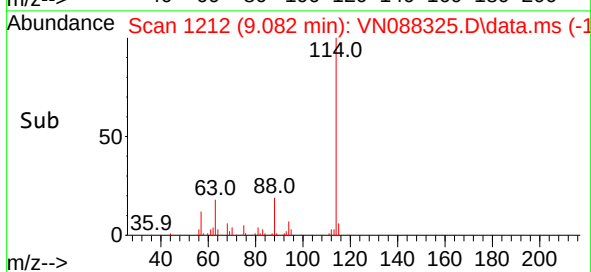
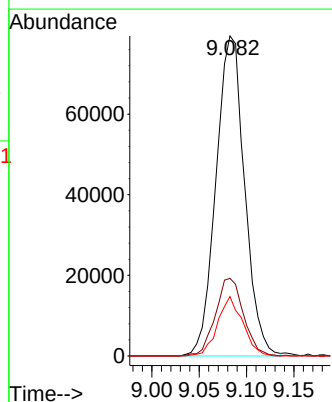
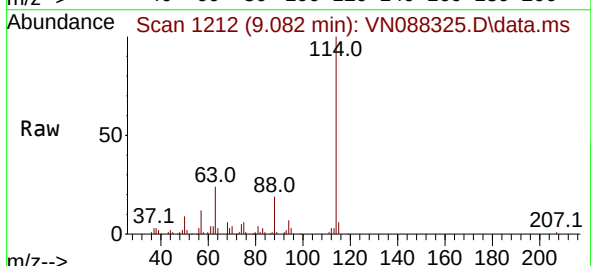
Reviewed By :John
Carlone
11/21/2025

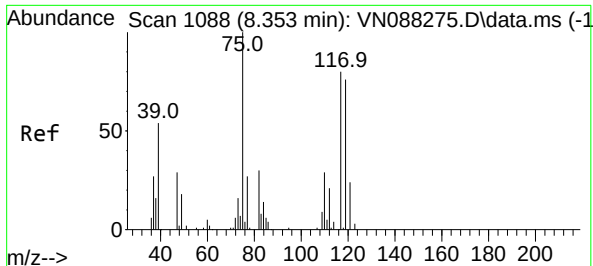
Supervised By :Semsetin
Yesilyurt
11/21/2025



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.082 min Scan# 1212
Delta R.T. -0.000 min
Lab File: VN088325.D
Acq: 20 Nov 2025 12:44

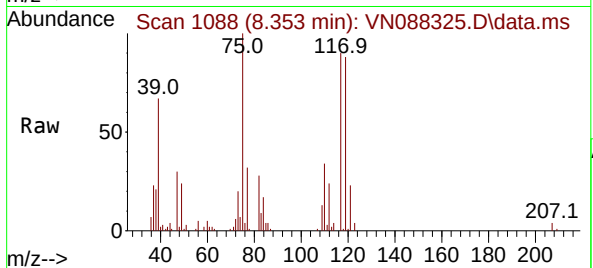
Tgt Ion:114 Resp: 167024
Ion Ratio Lower Upper
114 100
63 23.9 18.9 28.3
88 16.3 12.8 19.2





#29
1,1-Dichloropropene
Concen: 16.721 ug/l
RT: 8.353 min Scan# 1088
Delta R.T. -0.000 min
Lab File: VN088325.D
Acq: 20 Nov 2025 12:44

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MSD

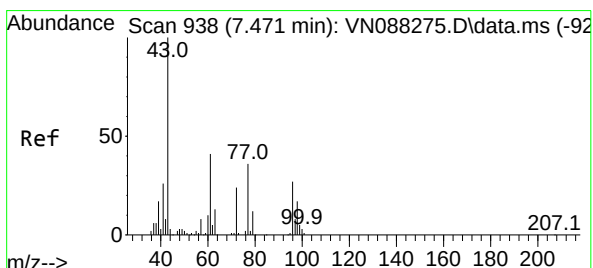
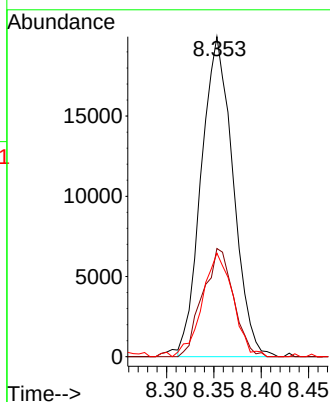


Tgt Ion: 75	Resp: 46600
Ion Ratio	Lower Upper
75 100	
110 32.6	0.0 65.6
77 30.9	0.0 60.8

Manual Integrations
APPROVED

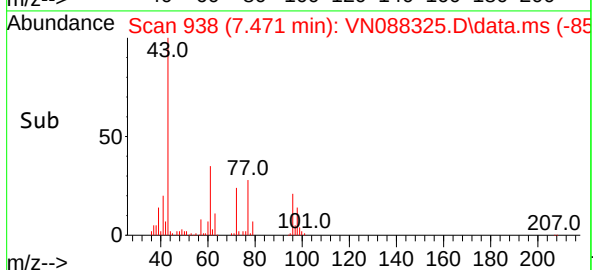
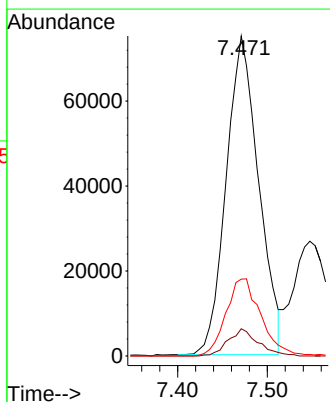
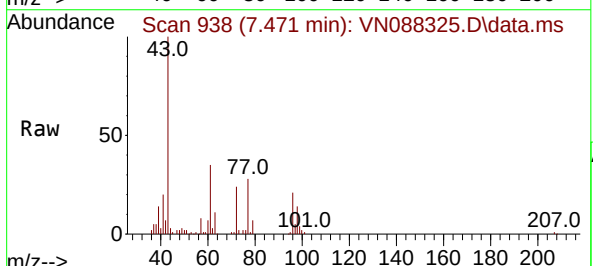
Reviewed By :John
Carlone
11/21/2025

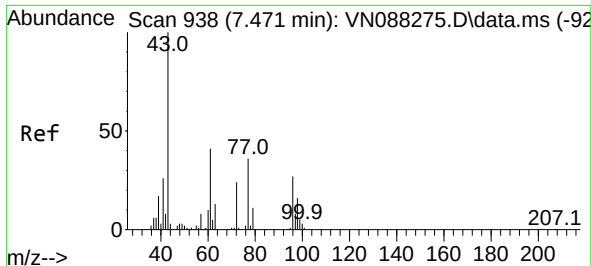
Supervised By :Semsettin
Yesilyurt
11/21/2025



#30
2-Butanone
Concen: 104.662 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.000 min
Lab File: VN088325.D
Acq: 20 Nov 2025 12:44

Tgt Ion: 43	Resp: 188677
Ion Ratio	Lower Upper
43 100	
57 7.9	6.2 9.4
72 26.0	19.4 29.2





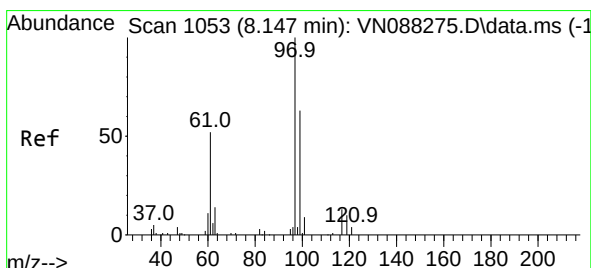
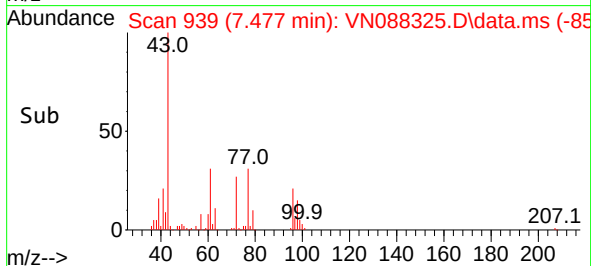
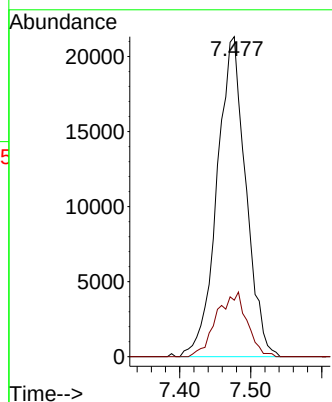
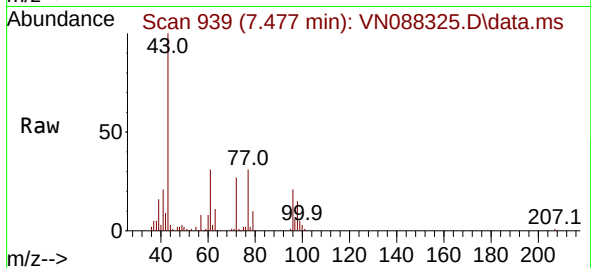
#31
2,2-Dichloropropane
Concen: 17.416 ug/l
RT: 7.477 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN088325.D
Acq: 20 Nov 2025 12:44

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MSD

Tgt Ion: 77 Resp: 59864
Ion Ratio Lower Upper
77 100
97 11.6 16.8 25.2

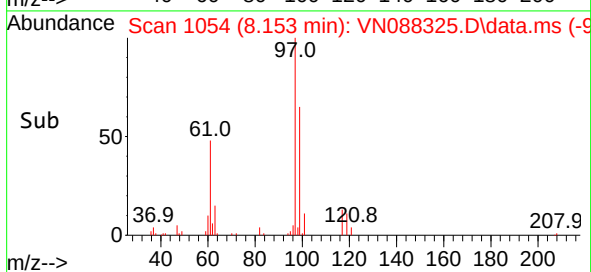
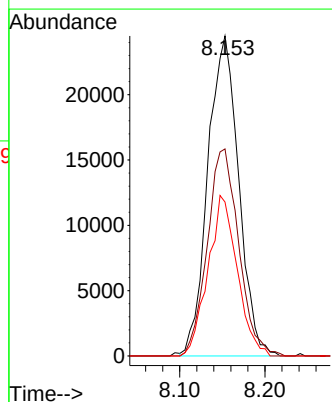
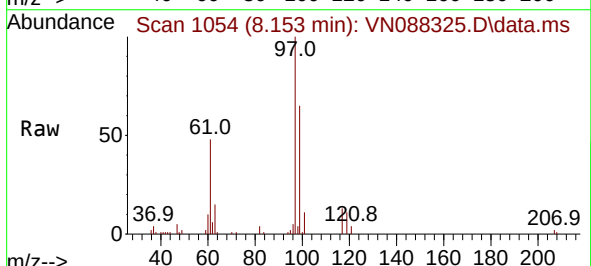
Manual Integrations
APPROVED

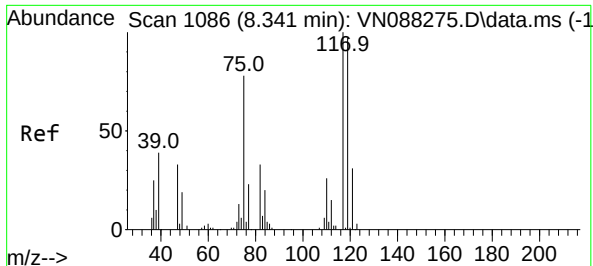
Reviewed By :John
Carlone
11/21/2025
Supervised By :Semsettin
Yesilyurt
11/21/2025



#32
1,1,1-Trichloroethane
Concen: 17.933 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VN088325.D
Acq: 20 Nov 2025 12:44

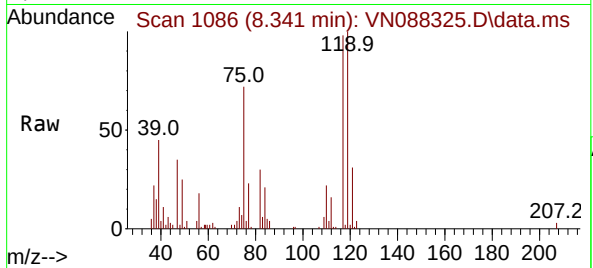
Tgt Ion: 97 Resp: 61609
Ion Ratio Lower Upper
97 100
99 66.0 50.2 75.4
61 47.5 39.8 59.8





#33
Carbon Tetrachloride
Concen: 17.252 ug/l
RT: 8.341 min Scan# 1086
Delta R.T. -0.000 min
Lab File: VN088325.D
Acq: 20 Nov 2025 12:44

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MSD

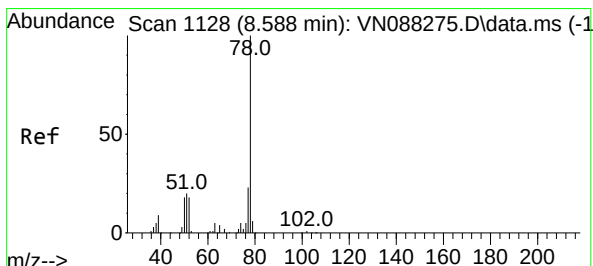
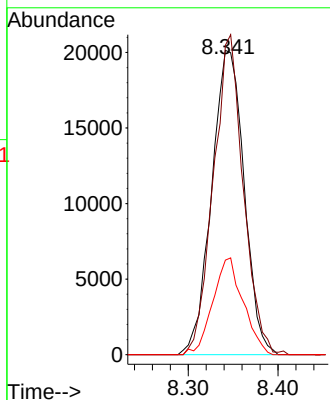
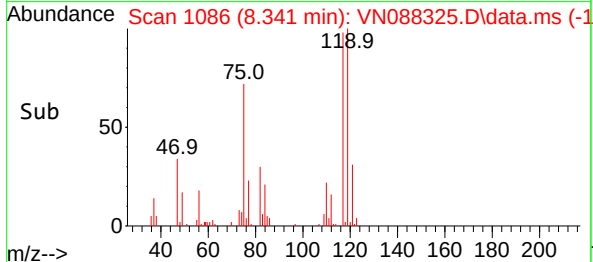


Tgt Ion:117 Resp: 5061
Ion Ratio Lower Upper
117 100
119 101.7 77.8 116.8
121 31.1 24.5 36.7

Manual Integrations
APPROVED

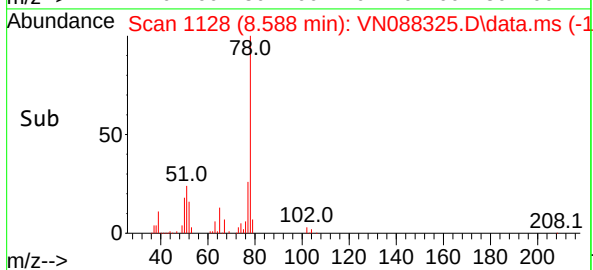
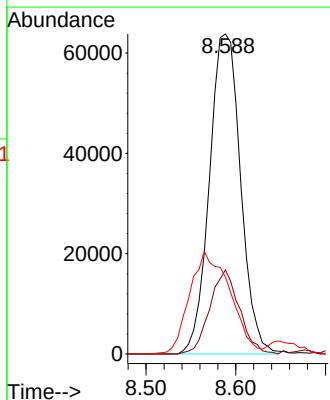
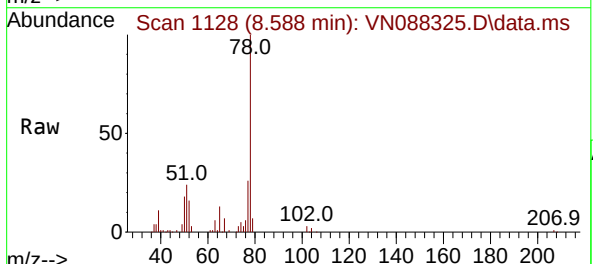
Reviewed By :John
Carlone
11/21/2025

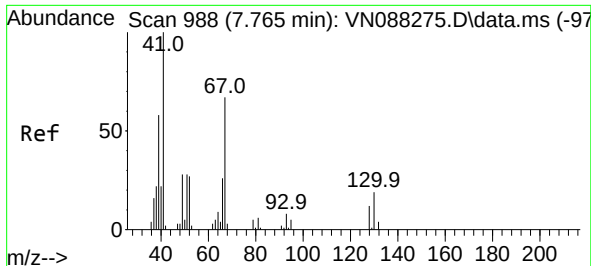
Supervised By :Semsettin
Yesilyurt
11/21/2025



#34
Benzene
Concen: 18.496 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VN088325.D
Acq: 20 Nov 2025 12:44

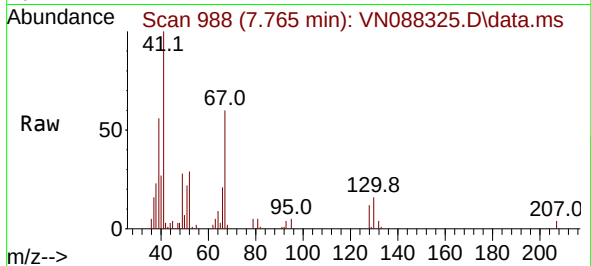
Tgt Ion: 78 Resp: 154076
Ion Ratio Lower Upper
78 100
77 26.3 18.6 27.8
51 20.0 15.8 23.8





#35
Methacrylonitrile
Concen: 19.386 ug/l
RT: 7.765 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN088325.D
Acq: 20 Nov 2025 12:44

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MSD

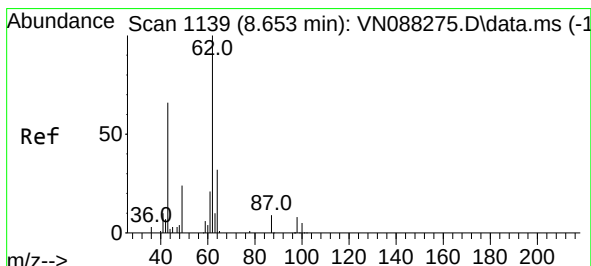
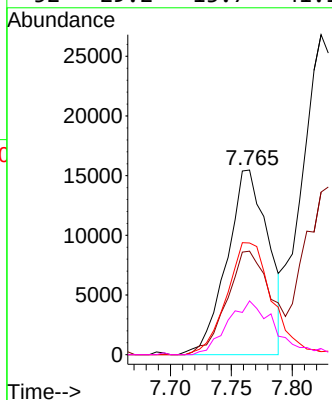


Tgt Ion:	41	Resp:	3645
Ion Ratio	Lower	Upper	
41	100		
39	56.0	29.0	87.0
67	60.5	33.3	99.9
52	29.2	13.7	41.1

Manual Integrations
APPROVED

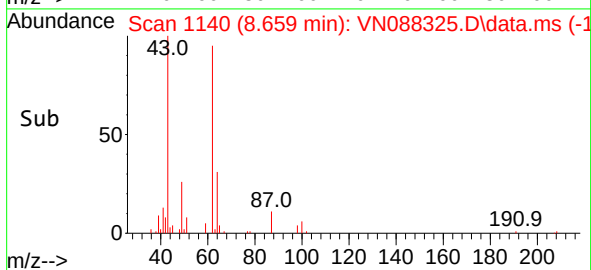
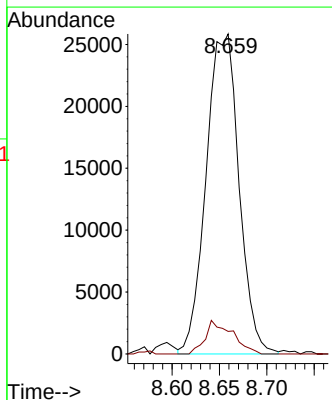
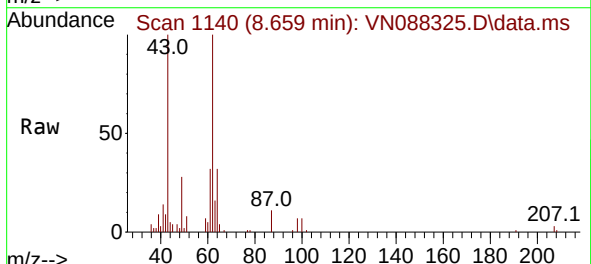
Reviewed By :John
Carlone
11/21/2025

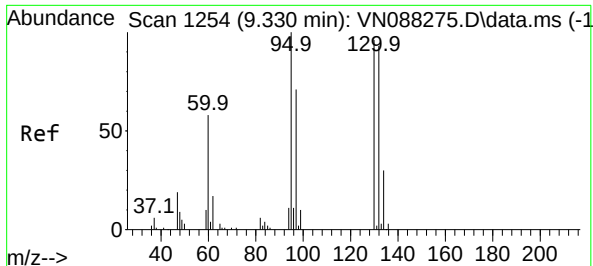
Supervised By :Semsettin
Yesilyurt
11/21/2025



#36
1,2-Dichloroethane
Concen: 19.270 ug/l
RT: 8.659 min Scan# 1140
Delta R.T. 0.006 min
Lab File: VN088325.D
Acq: 20 Nov 2025 12:44

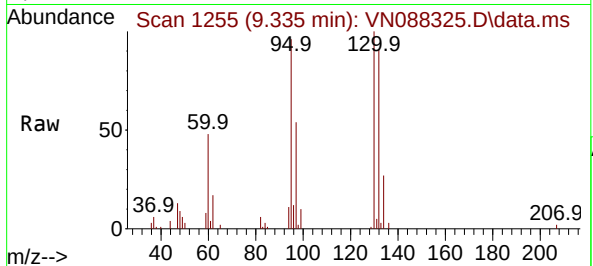
Tgt Ion:	62	Resp:	62472
Ion Ratio	Lower	Upper	
62	100		
98	8.6	6.8	10.2





#37
Trichloroethene
Concen: 18.028 ug/l
RT: 9.335 min Scan# 1254
Delta R.T. 0.006 min
Lab File: VN088325.D
Acq: 20 Nov 2025 12:44

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MSD

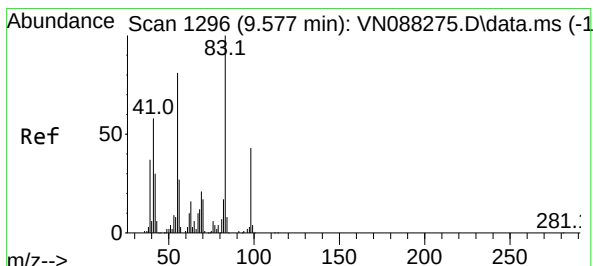
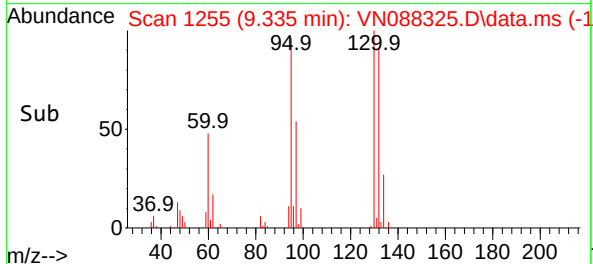
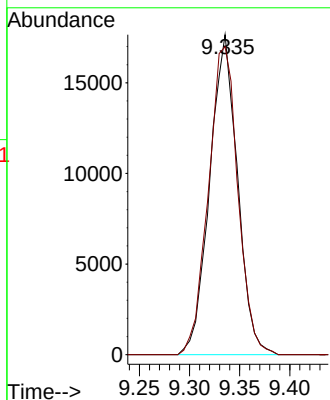


Tgt Ion:130 Resp: 3403
Ion Ratio Lower Upper
130 100
95 96.2 83.7 125.5

Manual Integrations
APPROVED

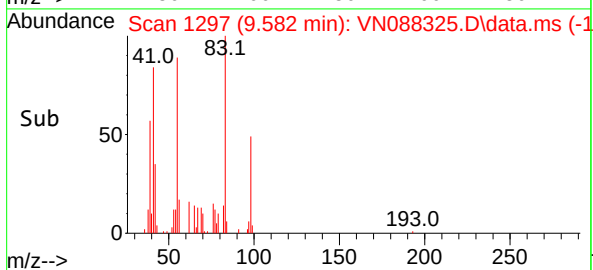
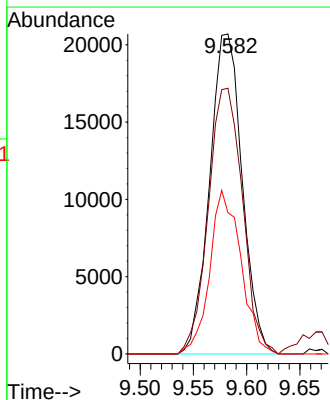
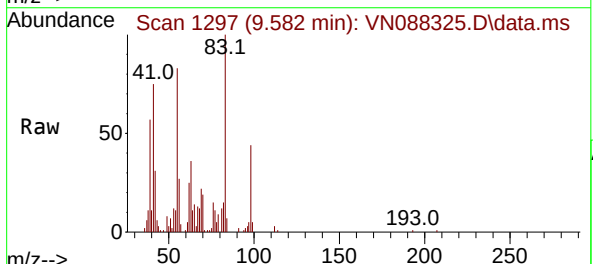
Reviewed By :John
Carlone
11/21/2025

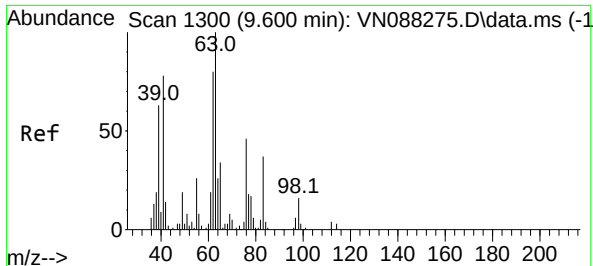
Supervised By :Semsettin
Yesilyurt
11/21/2025



#38
Methylcyclohexane
Concen: 13.775 ug/l
RT: 9.582 min Scan# 1297
Delta R.T. 0.006 min
Lab File: VN088325.D
Acq: 20 Nov 2025 12:44

Tgt Ion: 83 Resp: 44012
Ion Ratio Lower Upper
83 100
55 87.0 40.8 122.5
98 49.0 23.4 70.3





#39

1,2-Dichloropropane

Concen: 19.095 ug/l

RT: 9.600 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN088325.D

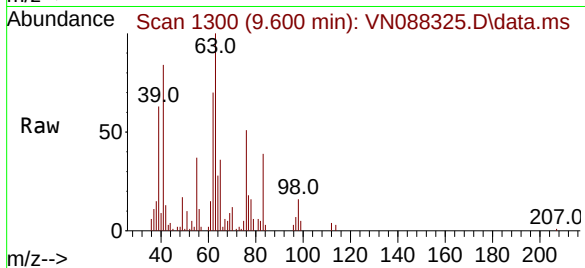
Acq: 20 Nov 2025 12:44

Instrument :

MSVOA_N

ClientSampleId :

OUTFALL-DSN-001MSD



Tgt Ion: 63 Resp: 41038

Ion Ratio Lower Upper

63 100

65 35.8 27.8 41.6

Manual Integrations

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Reviewed By :John

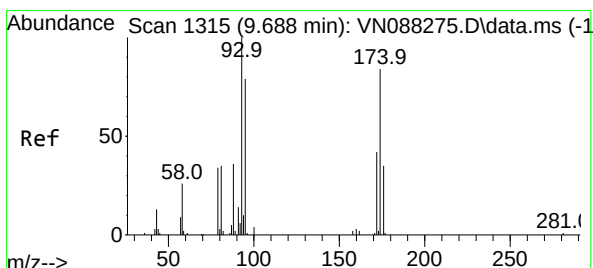
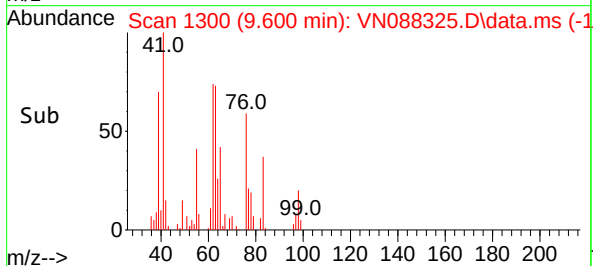
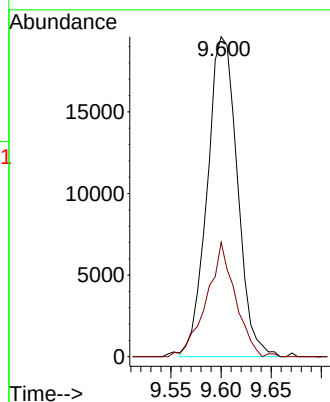
Carlone

11/21/2025

Supervised By :Semsettin

Yesilyurt

11/21/2025



#40

Dibromomethane

Concen: 19.554 ug/l

RT: 9.682 min Scan# 1314

Delta R.T. -0.006 min

Lab File: VN088325.D

Acq: 20 Nov 2025 12:44

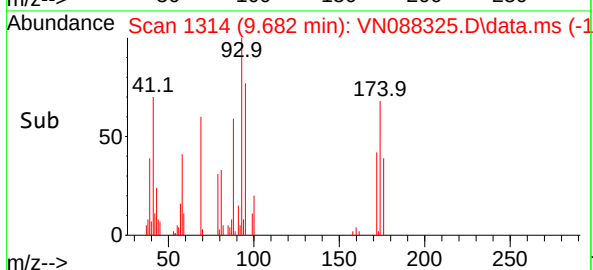
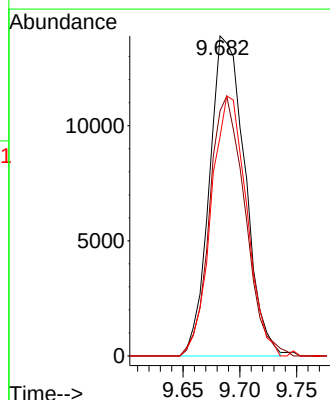
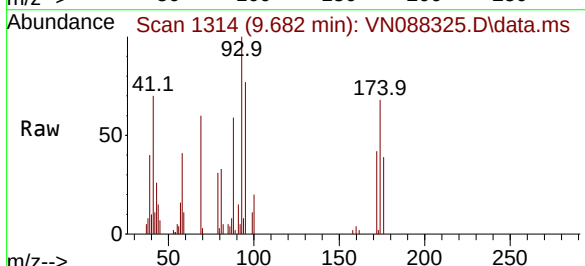
Tgt Ion: 93 Resp: 30194

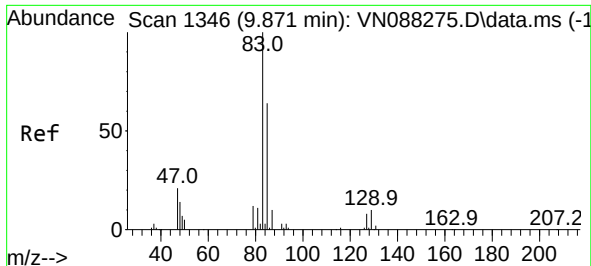
Ion Ratio Lower Upper

93 100

95 81.1 0.0 161.6

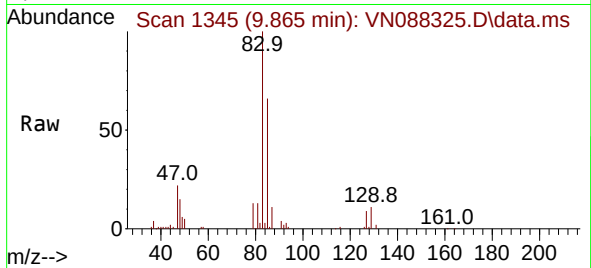
174 81.1 0.0 158.2





#41
Bromodichloromethane
Concen: 26.014 ug/l
RT: 9.865 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN088325.D
Acq: 20 Nov 2025 12:44

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MSD

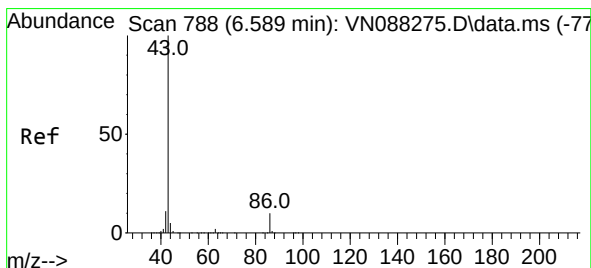
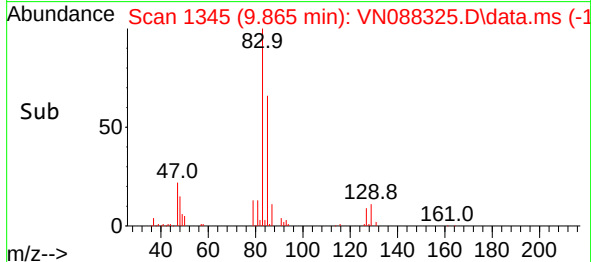
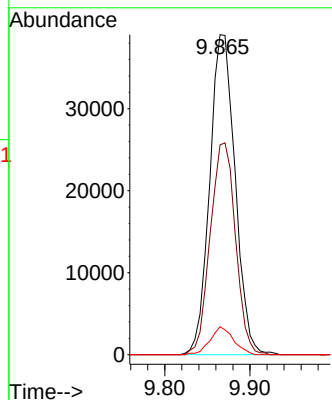


Tgt Ion: 83 Resp: 80864
Ion Ratio Lower Upper
83 100
85 65.5 51.4 77.2
127 8.7 6.4 9.6

Manual Integrations
APPROVED

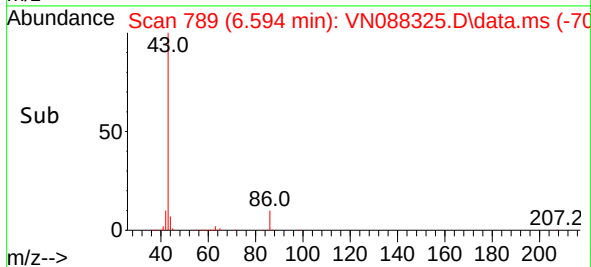
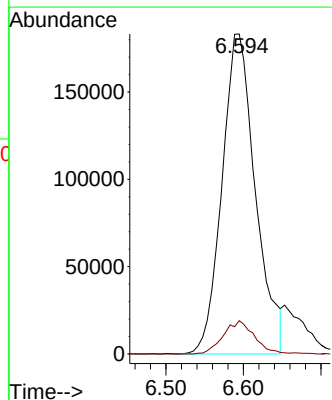
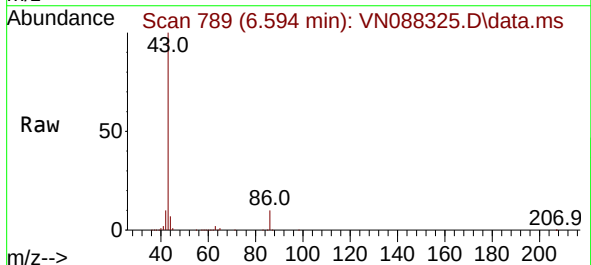
Reviewed By :John
Carlone
11/21/2025

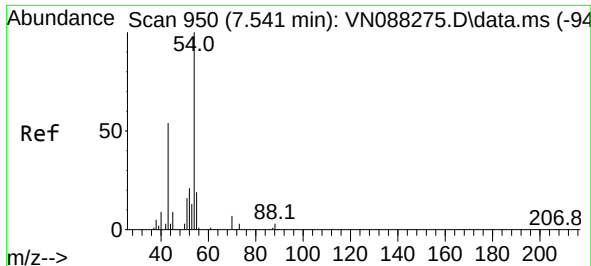
Supervised By :Semsetin
Yesilyurt
11/21/2025



#42
Vinyl Acetate
Concen: 91.434 ug/l
RT: 6.594 min Scan# 789
Delta R.T. 0.006 min
Lab File: VN088325.D
Acq: 20 Nov 2025 12:44

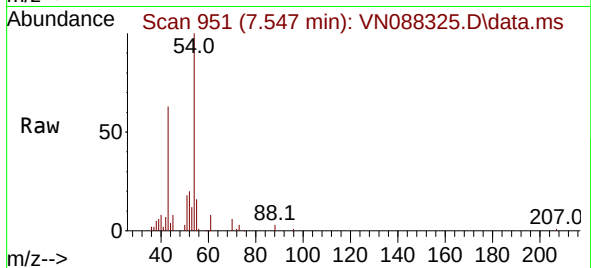
Tgt Ion: 43 Resp: 550138
Ion Ratio Lower Upper
43 100
86 9.6 7.4 11.2





#43
Ethyl Acetate
Concen: 17.405 ug/l
RT: 7.547 min Scan# 911
Delta R.T. 0.006 min
Lab File: VN088325.D
Acq: 20 Nov 2025 12:44

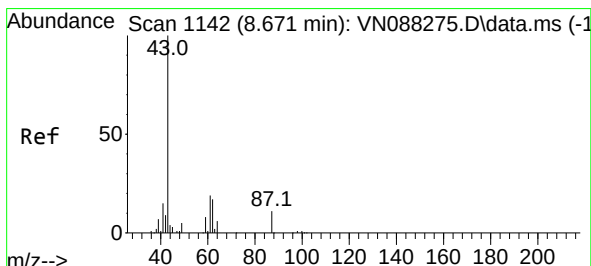
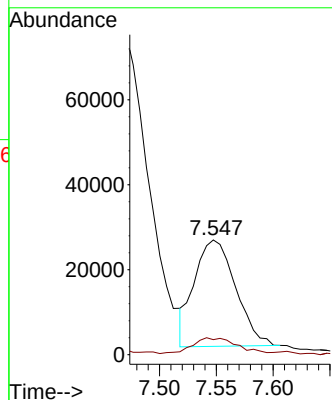
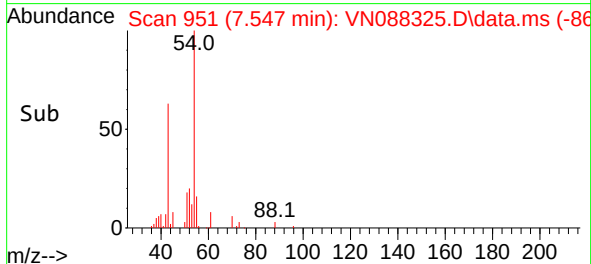
Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MSD



Tgt Ion: 43 Resp: 63132
Ion Ratio Lower Upper
43 100
45 6.7 9.9 14.9

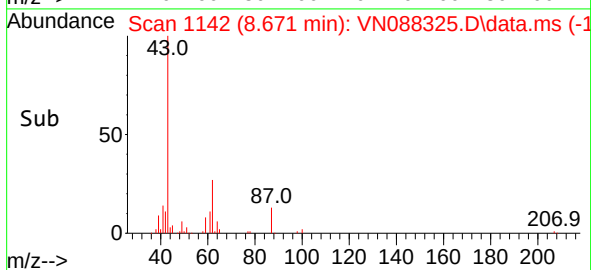
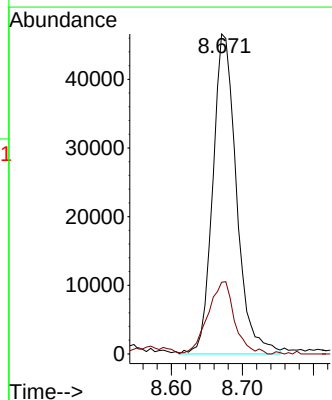
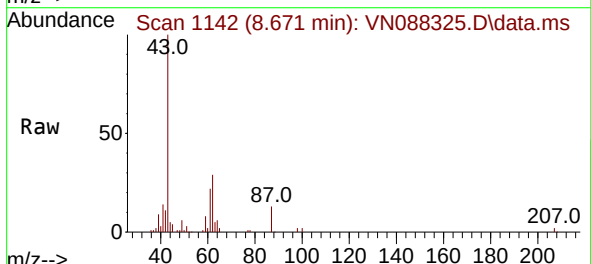
Manual Integrations
APPROVED

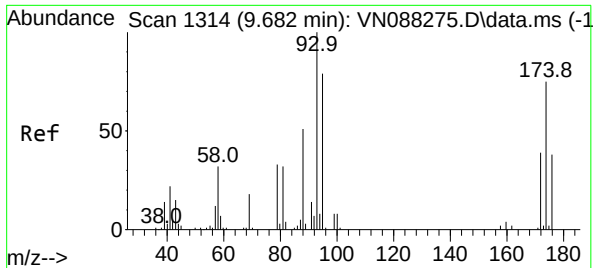
Reviewed By :John
Carlone
11/21/2025
Supervised By :Semsettin
Yesilyurt
11/21/2025



#44
Isopropyl Acetate
Concen: 19.306 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN088325.D
Acq: 20 Nov 2025 12:44

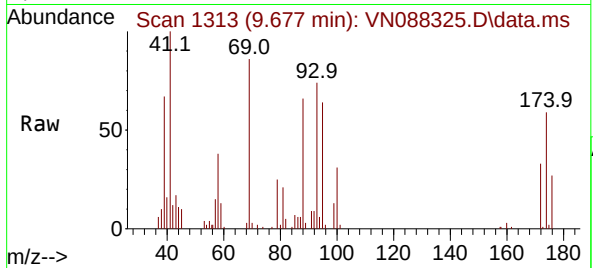
Tgt Ion: 43 Resp: 107919
Ion Ratio Lower Upper
43 100
61 25.0 19.0 28.6





#45
1,4-Dioxane
Concen: 557.040 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. -0.006 min
Lab File: VN088325.D
Acq: 20 Nov 2025 12:44

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MSD

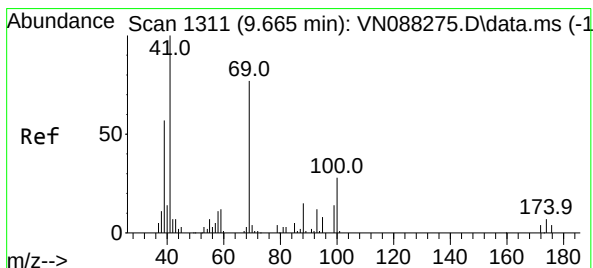
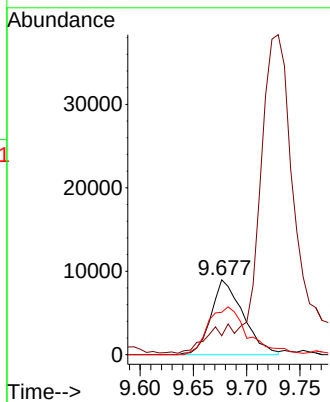
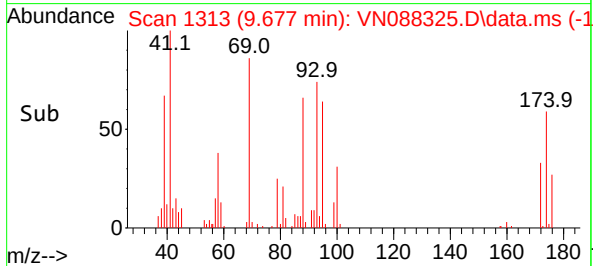


Tgt Ion: 88 Resp: 1875
Ion Ratio Lower Upper
88 100
43 20.4 27.8 41.8
58 64.6 59.5 89.3

Manual Integrations
APPROVED

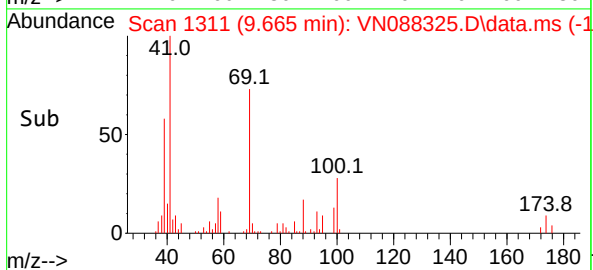
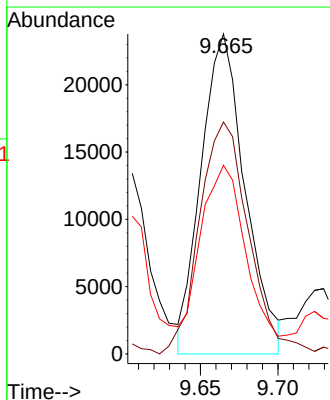
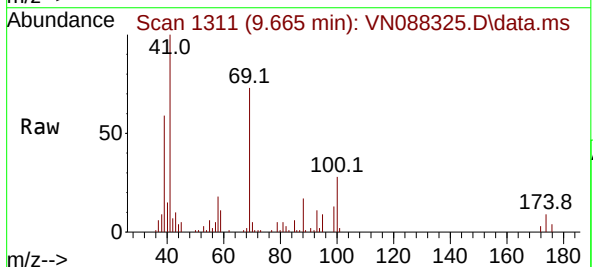
Reviewed By :John
Carlone
11/21/2025

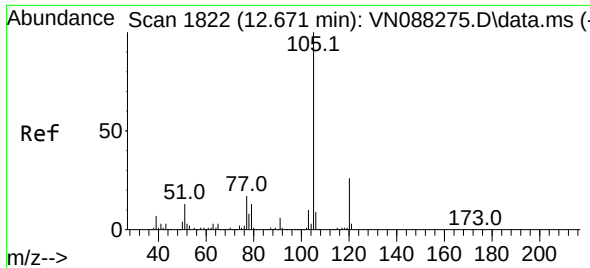
Supervised By :Semsettin
Yesilyurt
11/21/2025



#46
Methyl methacrylate
Concen: 17.943 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. -0.000 min
Lab File: VN088325.D
Acq: 20 Nov 2025 12:44

Tgt Ion: 41 Resp: 46935
Ion Ratio Lower Upper
41 100
69 74.5 38.5 115.3
39 58.8 29.0 87.1





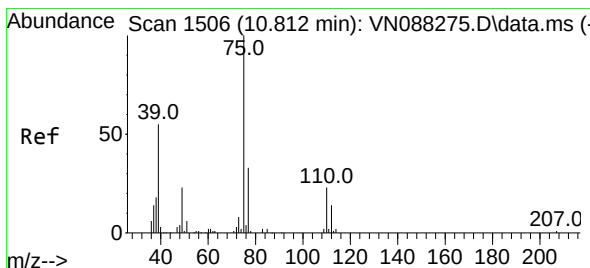
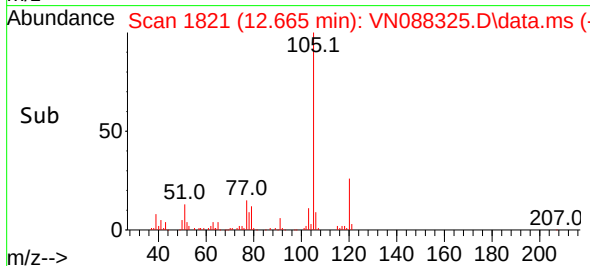
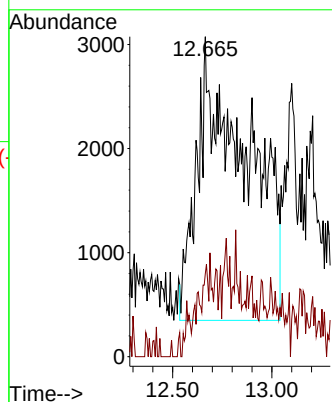
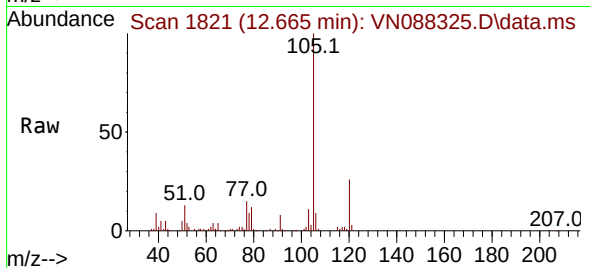
#47
n-amy1 Acetate
Concen: 16.394 ug/l m
RT: 12.665 min Scan# 1822
Delta R.T. -0.006 min
Lab File: VN088325.D
Acq: 20 Nov 2025 12:44

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MSD

Tgt Ion: 43 Resp: 46430
Ion Ratio Lower Upper
43 100
55 2.6 0.0 0.0

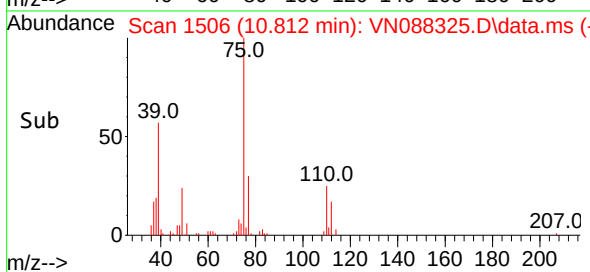
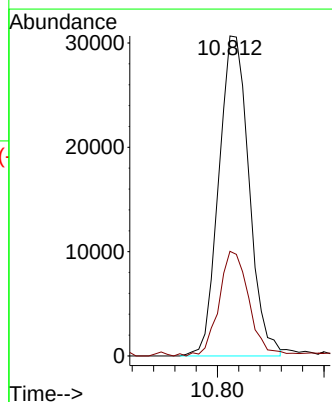
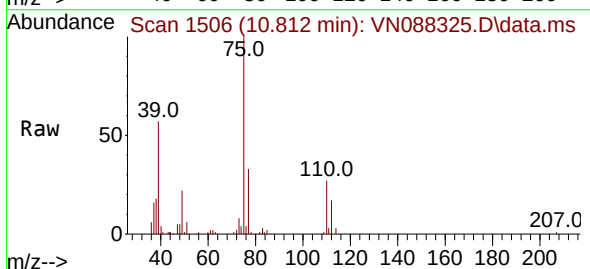
Manual Integrations
APPROVED

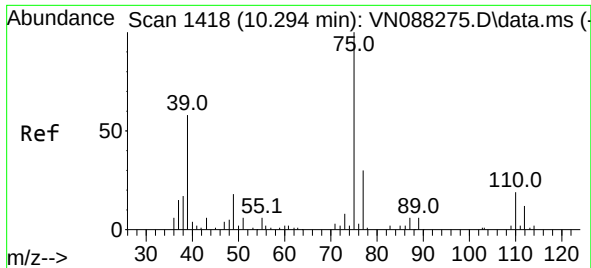
Reviewed By :John
Carlone
11/21/2025
Supervised By :Semsettin
Yesilyurt
11/21/2025



#48
t-1,3-Dichloropropene
Concen: 18.146 ug/l
RT: 10.812 min Scan# 1506
Delta R.T. -0.000 min
Lab File: VN088325.D
Acq: 20 Nov 2025 12:44

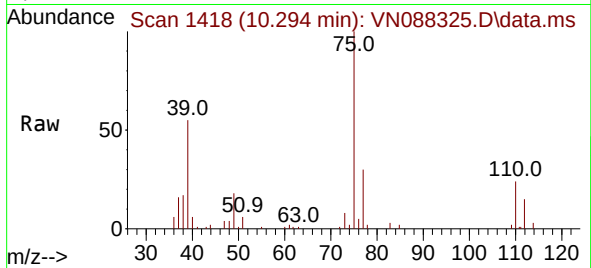
Tgt Ion: 75 Resp: 60331
Ion Ratio Lower Upper
75 100
77 32.0 26.1 39.1





#49
cis-1,3-Dichloropropene
Concen: 17.709 ug/l
RT: 10.294 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VN088325.D
Acq: 20 Nov 2025 12:44

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MSD

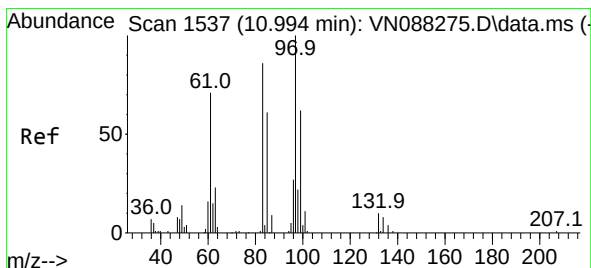
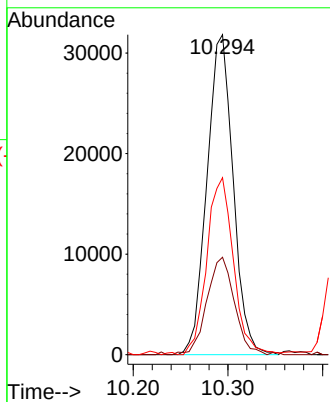
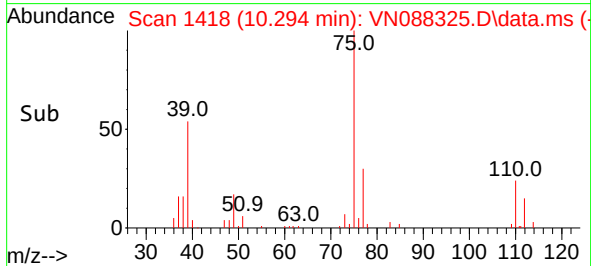


Tgt Ion: 75 Resp: 6126
Ion Ratio Lower Upper
75 100
77 29.8 24.4 36.6
39 55.3 46.1 69.1

Manual Integrations
APPROVED

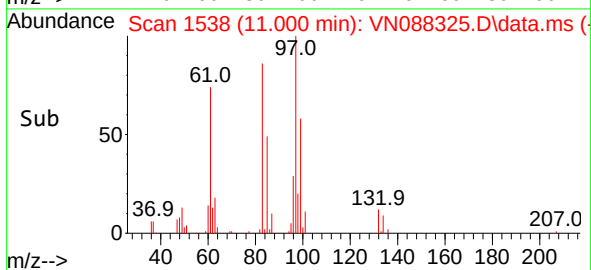
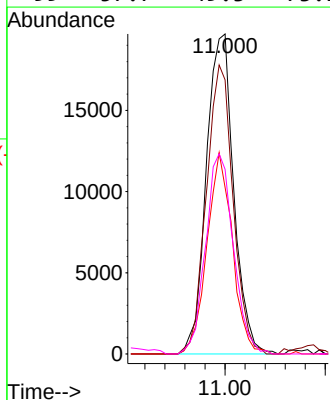
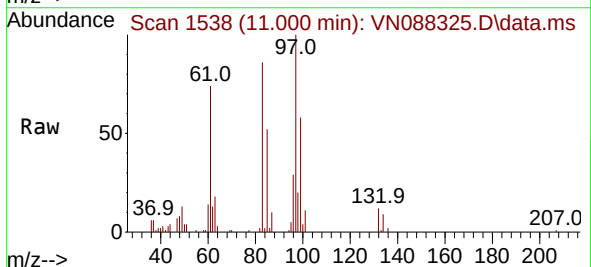
Reviewed By :John
Carlone
11/21/2025

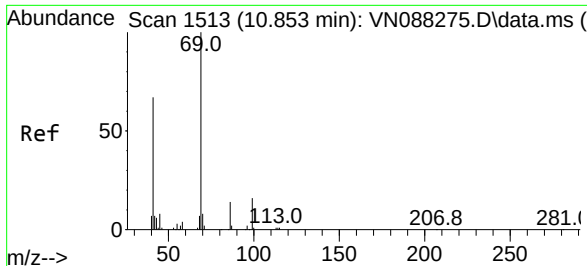
Supervised By :Semsettin
Yesilyurt
11/21/2025



#50
1,1,2-Trichloroethane
Concen: 19.600 ug/l
RT: 11.000 min Scan# 1538
Delta R.T. 0.006 min
Lab File: VN088325.D
Acq: 20 Nov 2025 12:44

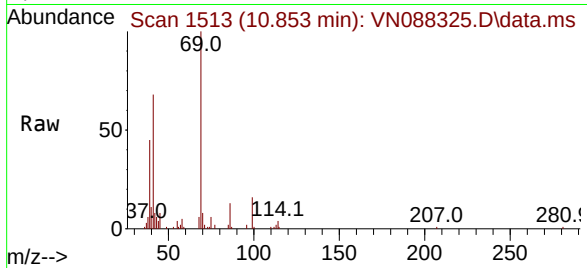
Tgt Ion: 97 Resp: 37423
Ion Ratio Lower Upper
97 100
83 85.6 68.6 102.8
85 52.0 49.0 73.6
99 57.7 49.3 73.9





#51
Ethyl methacrylate
Concen: 16.933 ug/l
RT: 10.853 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VN088325.D
Acq: 20 Nov 2025 12:44

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MSD

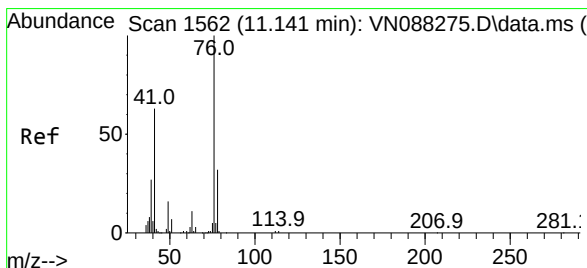
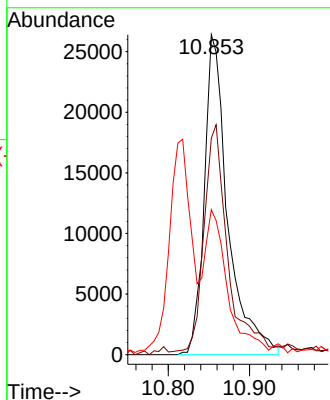
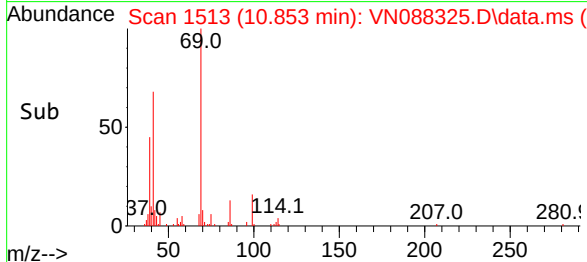


Tgt Ion: 69 Resp: 53194
Ion Ratio Lower Upper
69 100
41 66.4 33.6 100.8
39 41.9 23.4 70.2

Manual Integrations
APPROVED

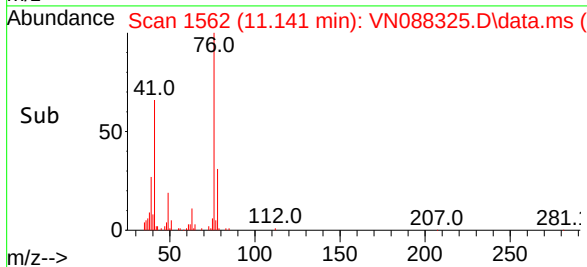
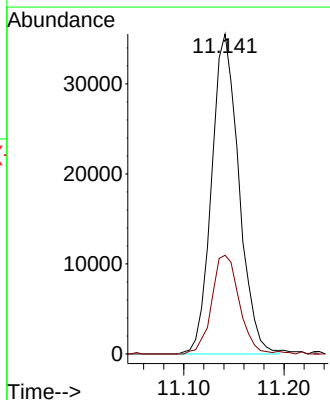
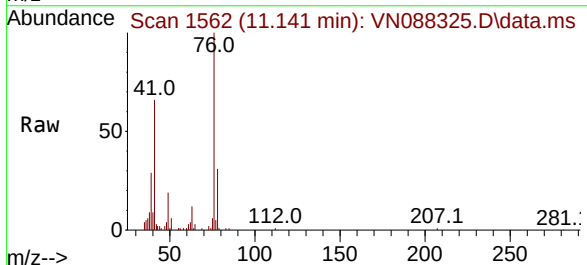
Reviewed By :John
Carlone
11/21/2025

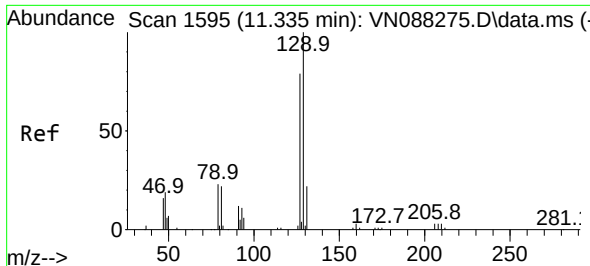
Supervised By :Semsettin
Yesilyurt
11/21/2025



#52
1,3-Dichloropropane
Concen: 19.348 ug/l
RT: 11.141 min Scan# 1562
Delta R.T. -0.000 min
Lab File: VN088325.D
Acq: 20 Nov 2025 12:44

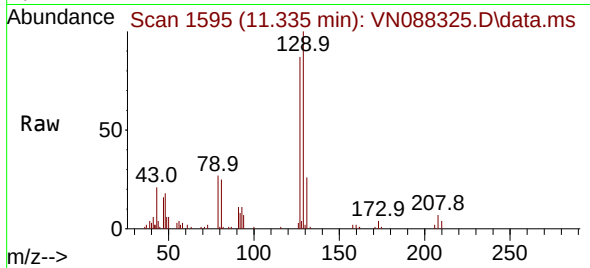
Tgt Ion: 76 Resp: 67280
Ion Ratio Lower Upper
76 100
78 31.0 0.0 64.2





#53
Dibromochloromethane
Concen: 20.382 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. -0.000 min
Lab File: VN088325.D
Acq: 20 Nov 2025 12:44

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MSD

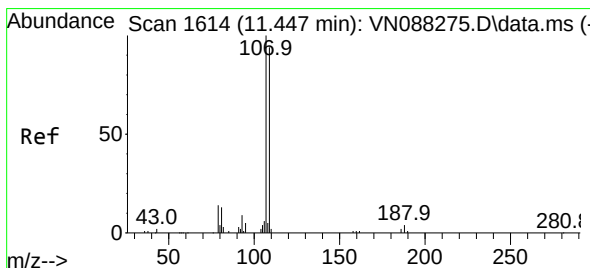
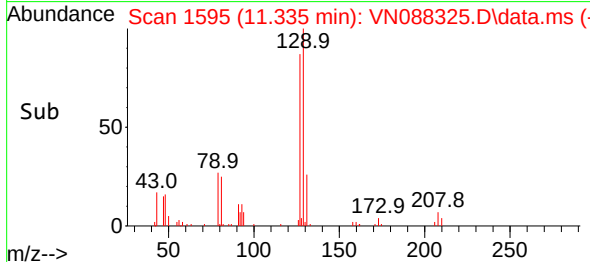
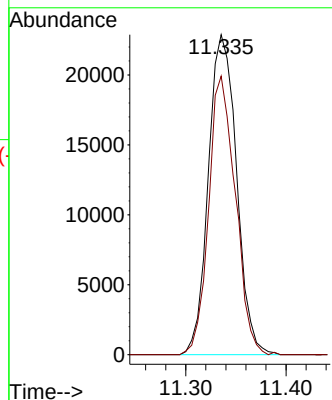


Tgt Ion:129 Resp: 44702
Ion Ratio Lower Upper
129 100
127 82.4 38.2 114.6

Manual Integrations
APPROVED

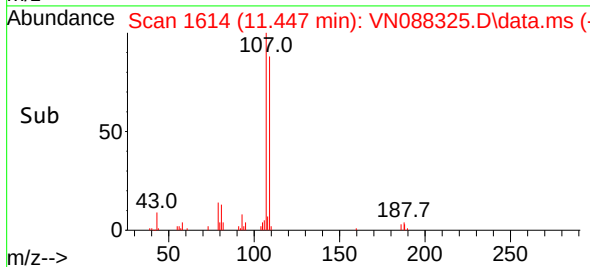
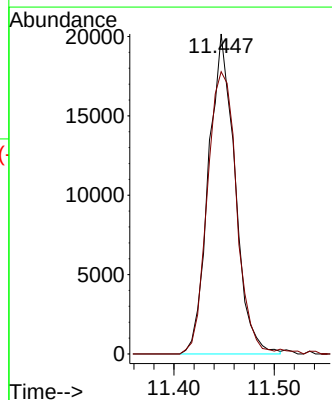
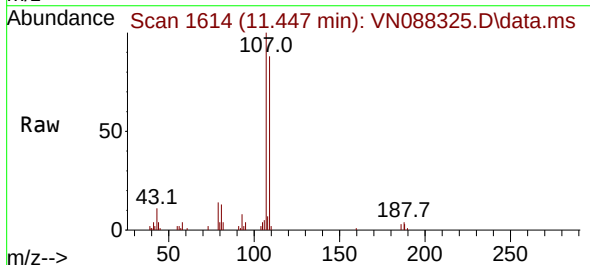
Reviewed By :John
Carlone
11/21/2025

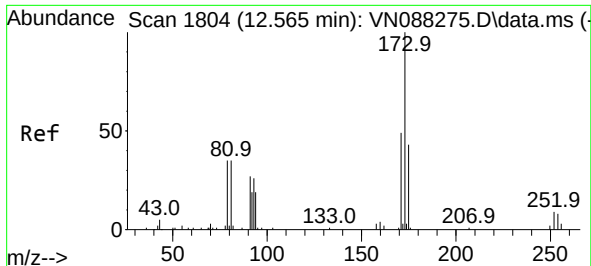
Supervised By :Semsettin
Yesilyurt
11/21/2025



#54
1,2-Dibromoethane
Concen: 18.600 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VN088325.D
Acq: 20 Nov 2025 12:44

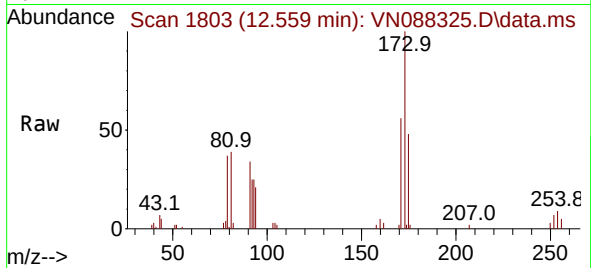
Tgt Ion:107 Resp: 36901
Ion Ratio Lower Upper
107 100
109 97.4 76.6 115.0





#56
Bromoform
Concen: 17.983 ug/l
RT: 12.559 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN088325.D
Acq: 20 Nov 2025 12:44

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MSD

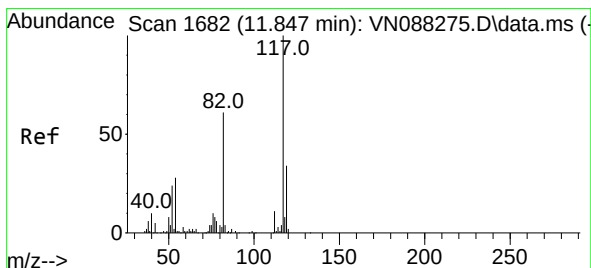
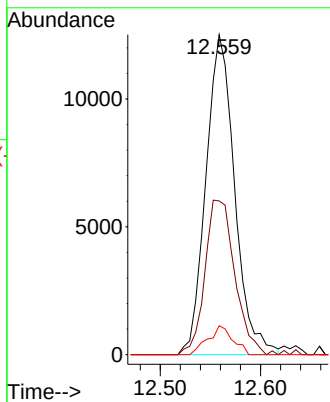
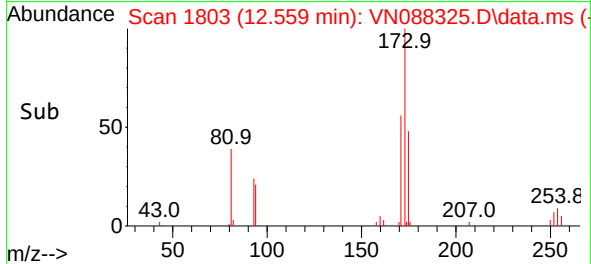


Tgt Ion:173 Resp: 24964
Ion Ratio Lower Upper
173 100
175 50.0 37.7 56.5
254 7.8 5.9 8.9

Manual Integrations
APPROVED

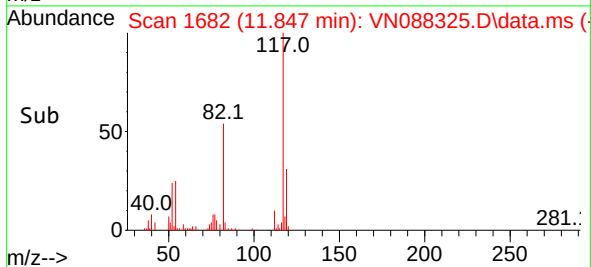
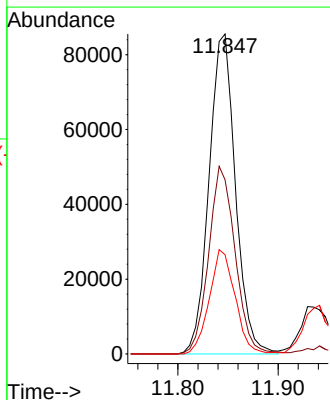
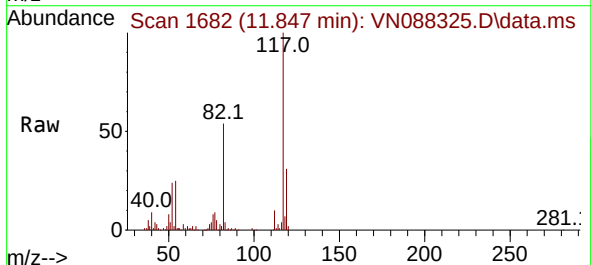
Reviewed By :John
Carlone
11/21/2025

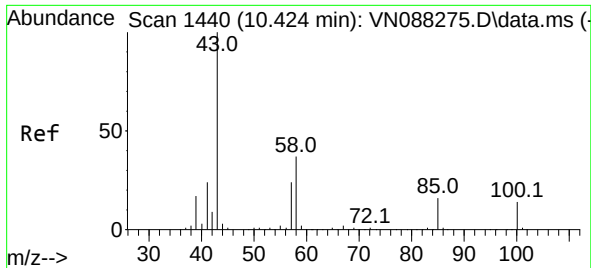
Supervised By :Semsettin
Yesilyurt
11/21/2025



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.847 min Scan# 1682
Delta R.T. -0.000 min
Lab File: VN088325.D
Acq: 20 Nov 2025 12:44

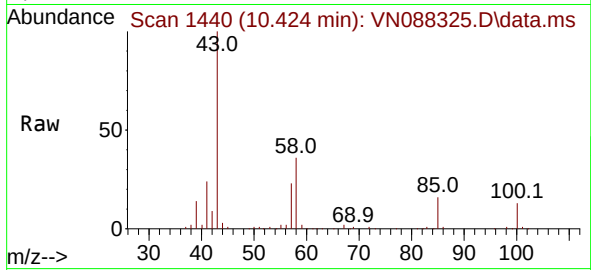
Tgt Ion:117 Resp: 156623
Ion Ratio Lower Upper
117 100
82 58.8 49.3 73.9
119 31.7 26.4 39.6





#58
4-Methyl-2-Pentanone
Concen: 106.106 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. -0.000 min
Lab File: VN088325.D
Acq: 20 Nov 2025 12:44

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MSD

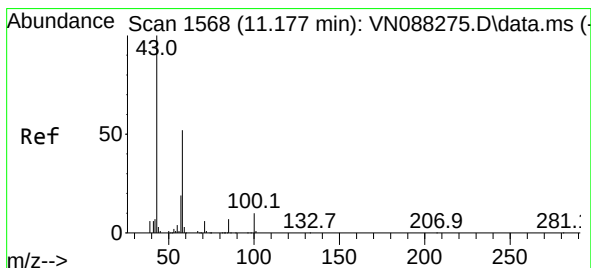
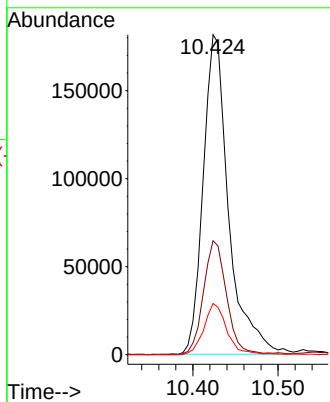
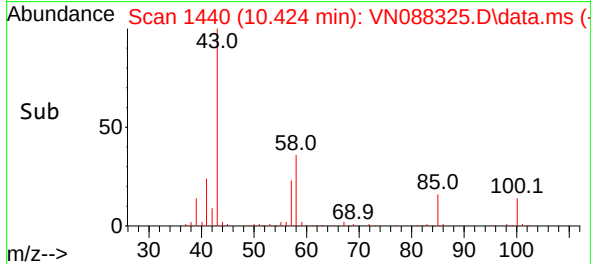


Tgt Ion: 43 Resp: 375872
Ion Ratio Lower Upper
43 100
58 32.4 29.2 43.8
85 14.3 12.6 19.0

Manual Integrations
APPROVED

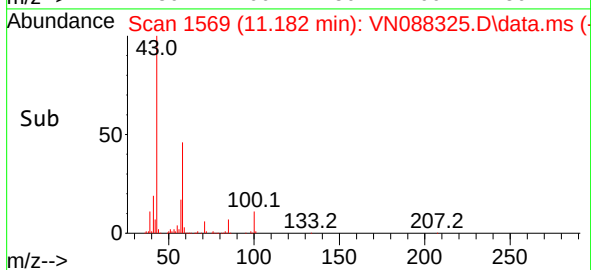
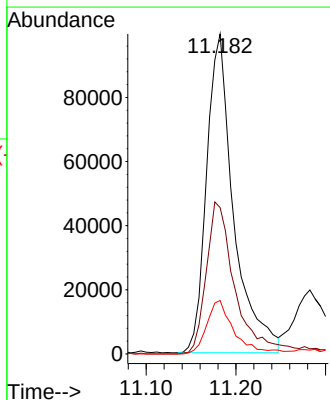
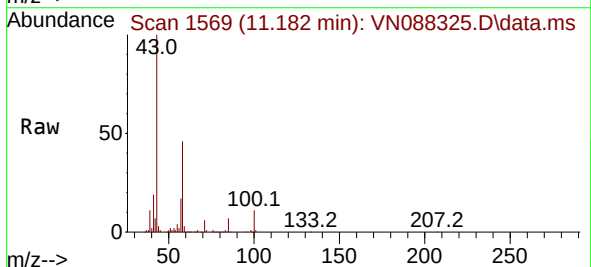
Reviewed By :John
Carlone
11/21/2025

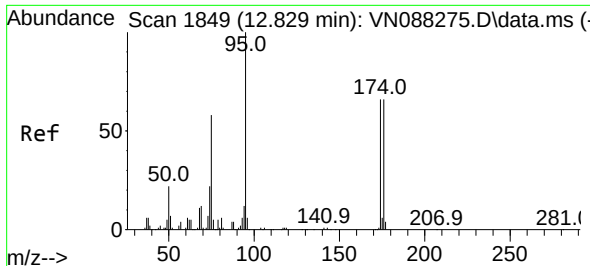
Supervised By :Semsettin
Yesilyurt
11/21/2025



#59
2-Hexanone
Concen: 88.310 ug/l
RT: 11.182 min Scan# 1569
Delta R.T. 0.006 min
Lab File: VN088325.D
Acq: 20 Nov 2025 12:44

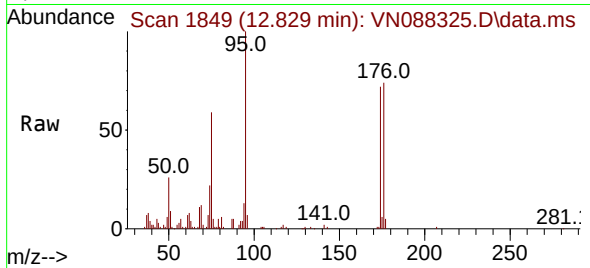
Tgt Ion: 43 Resp: 207729
Ion Ratio Lower Upper
43 100
58 51.1 41.0 61.4
57 16.4 14.4 21.6





#60
4-Bromofluorobenzene
Concen: 28.178 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. -0.000 min
Lab File: VN088325.D
Acq: 20 Nov 2025 12:44

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MSD

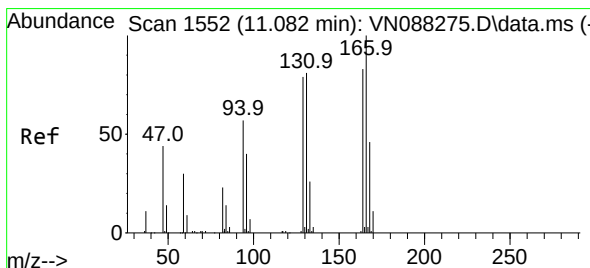
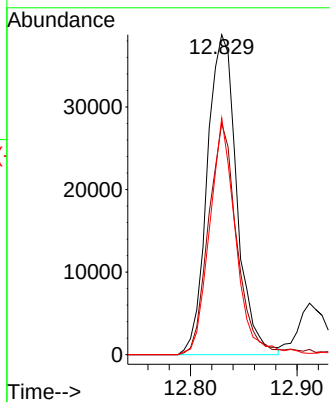
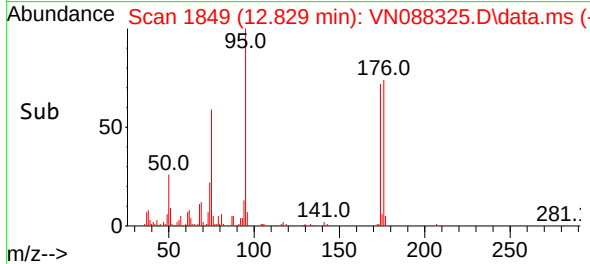


Tgt Ion: 95 Resp: 7460
Ion Ratio Lower Upper
95 100
174 68.9 54.5 81.7
176 64.8 53.8 80.6

Manual Integrations
APPROVED

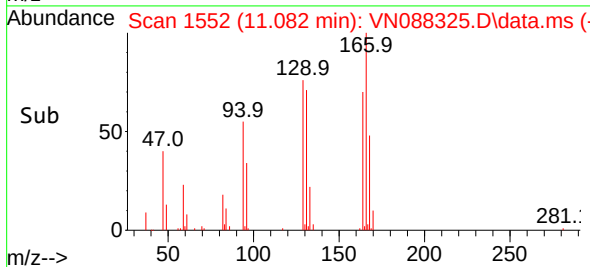
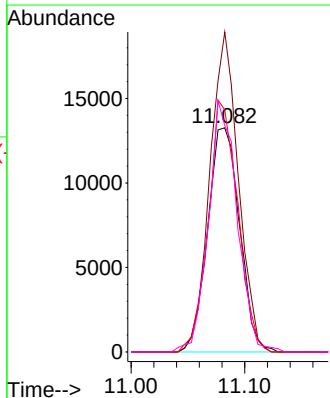
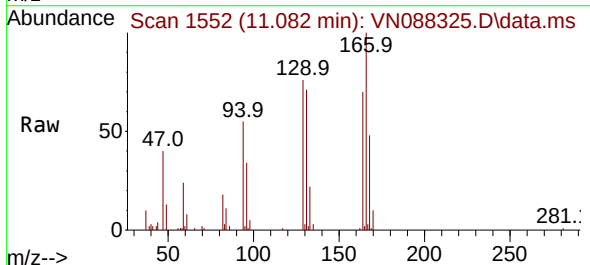
Reviewed By :John
Carlone
11/21/2025

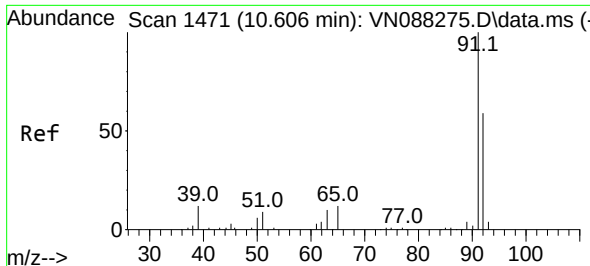
Supervised By :Semsettin
Yesilyurt
11/21/2025



#61
Tetrachloroethene
Concen: 16.050 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. -0.000 min
Lab File: VN088325.D
Acq: 20 Nov 2025 12:44

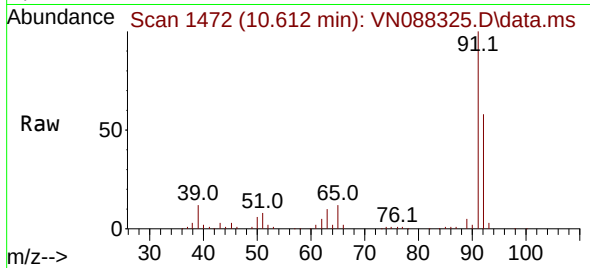
Tgt Ion:164 Resp: 25918
Ion Ratio Lower Upper
164 100
166 142.8 96.3 144.5
129 108.0 76.2 114.2
131 99.6 77.7 116.5





#62
Toluene
Concen: 17.628 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VN088325.D
Acq: 20 Nov 2025 12:44

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MSD

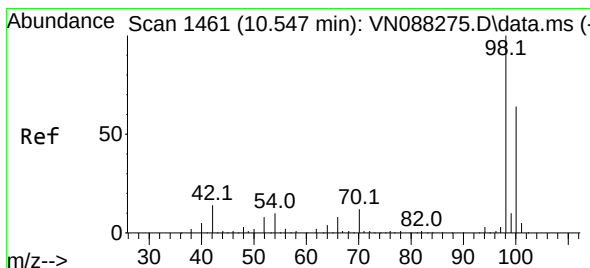
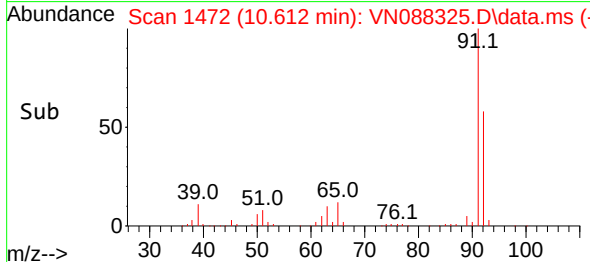
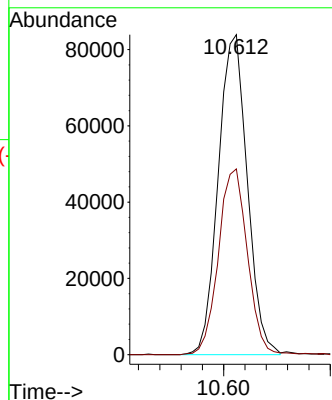


Tgt Ion: 91 Resp: 15844
Ion Ratio Lower Upper
91 100
92 58.2 46.7 70.1

Manual Integrations
APPROVED

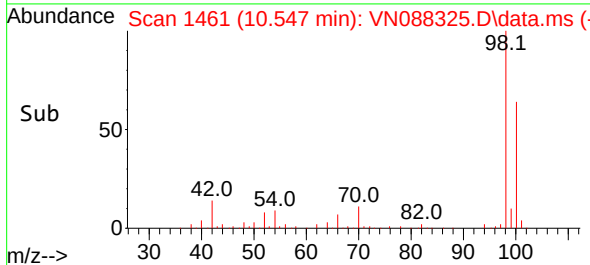
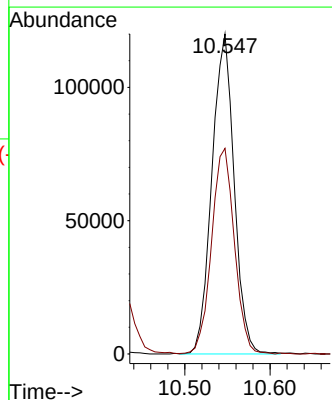
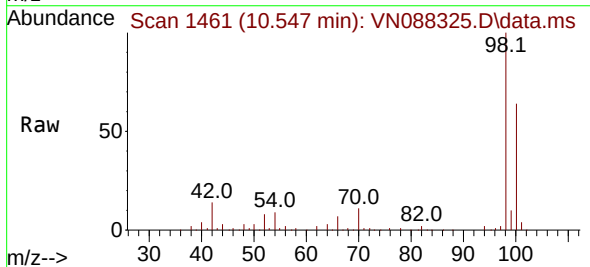
Reviewed By :John
Carlone
11/21/2025

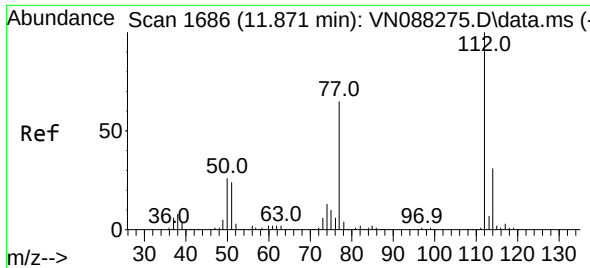
Supervised By :Semsettin
Yesilyurt
11/21/2025



#63
Toluene-d8
Concen: 29.331 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN088325.D
Acq: 20 Nov 2025 12:44

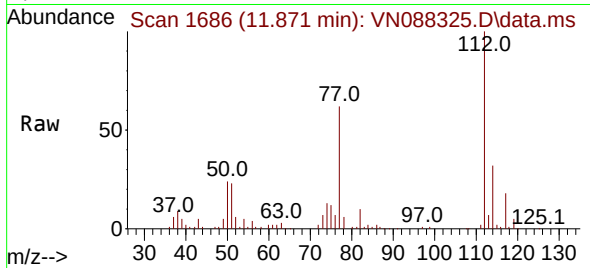
Tgt Ion: 98 Resp: 217495
Ion Ratio Lower Upper
98 100
100 66.1 51.6 77.4





#64
Chlorobenzene
Concen: 17.845 ug/l
RT: 11.871 min Scan# 1112
Delta R.T. -0.000 min
Lab File: VN088325.D
Acq: 20 Nov 2025 12:44

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MSD

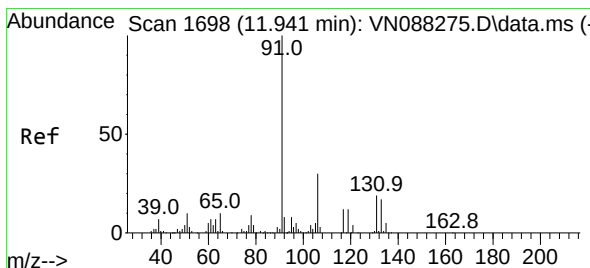
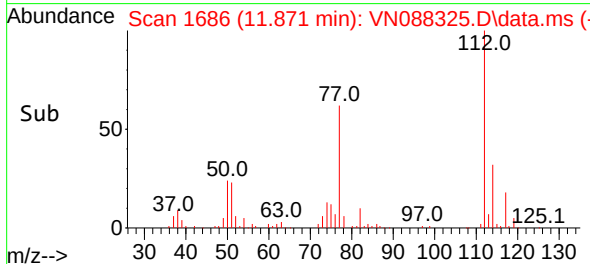
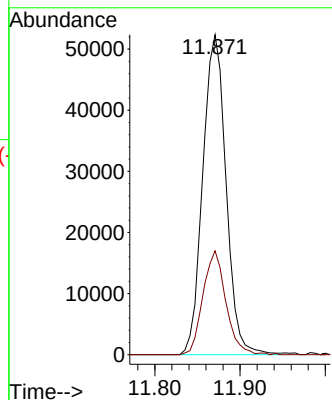


Tgt Ion:112 Resp: 99334
Ion Ratio Lower Upper
112 100
114 32.4 25.0 37.4

Manual Integrations
APPROVED

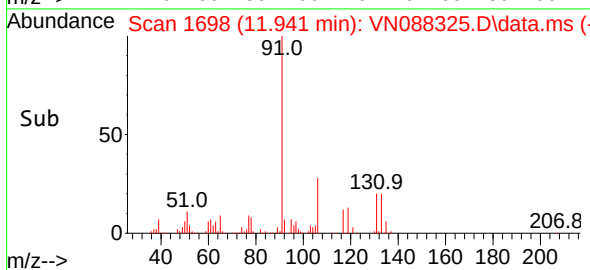
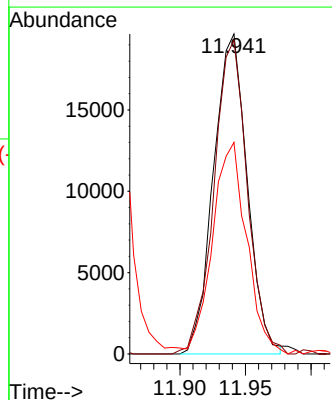
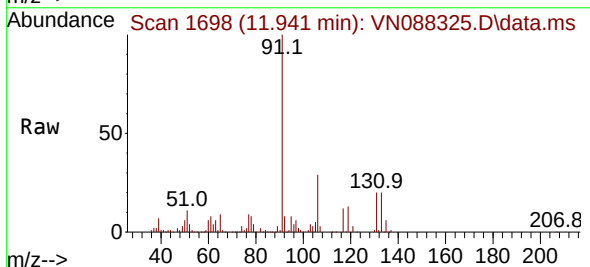
Reviewed By :John
Carlone
11/21/2025

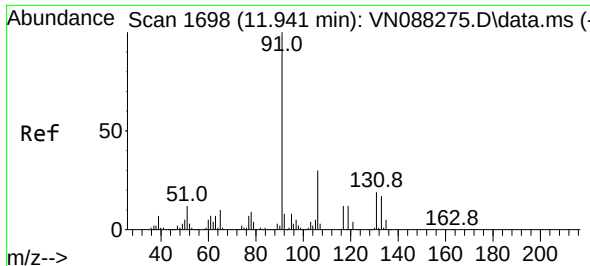
Supervised By :Semsettin
Yesilyurt
11/21/2025



#65
1,1,1,2-Tetrachloroethane
Concen: 18.437 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN088325.D
Acq: 20 Nov 2025 12:44

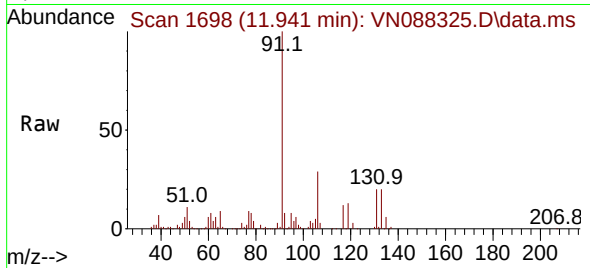
Tgt Ion:131 Resp: 35127
Ion Ratio Lower Upper
131 100
133 97.0 0.0 181.4
119 66.6 0.0 135.0





#66
Ethyl Benzene
Concen: 16.483 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN088325.D
Acq: 20 Nov 2025 12:44

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MSD

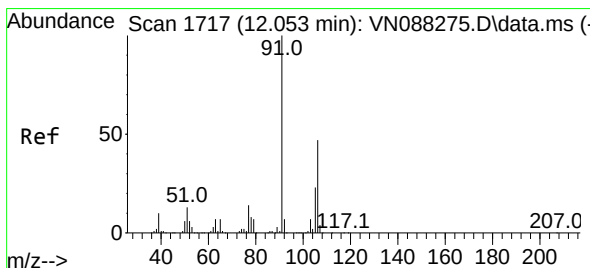
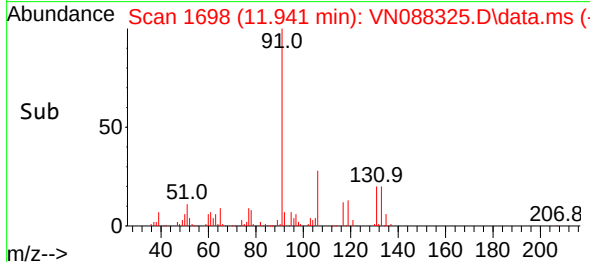
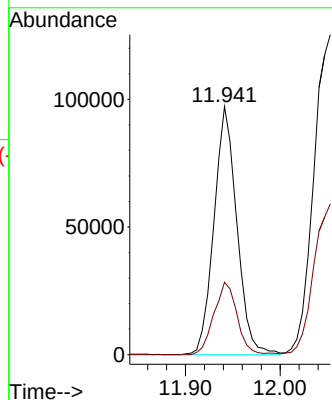


Tgt Ion: 91 Resp: 163280
Ion Ratio Lower Upper
91 100
106 29.2 24.4 36.6

Manual Integrations
APPROVED

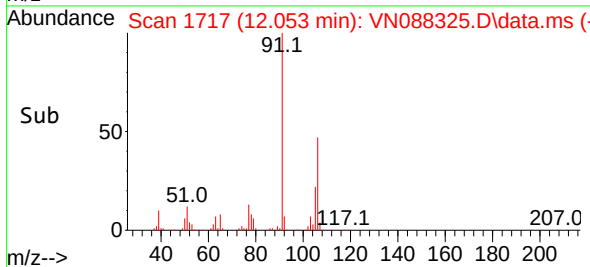
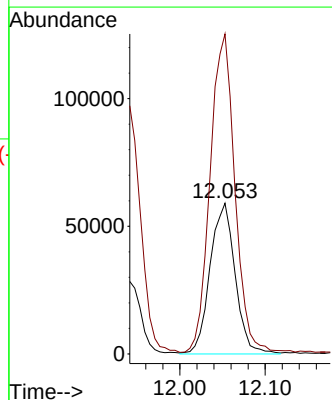
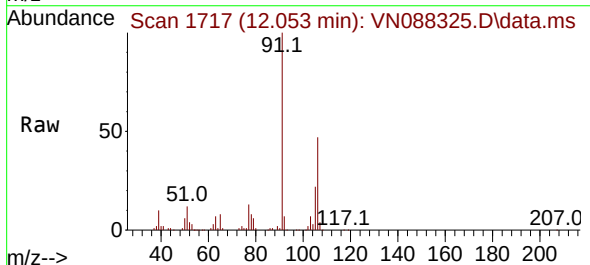
Reviewed By :John
Carlone
11/21/2025

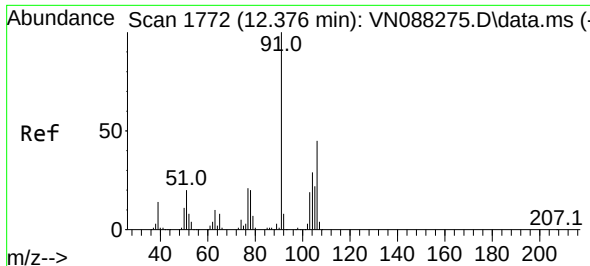
Supervised By :Semsettin
Yesilyurt
11/21/2025



#67
m/p-Xylenes
Concen: 32.574 ug/l
RT: 12.053 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VN088325.D
Acq: 20 Nov 2025 12:44

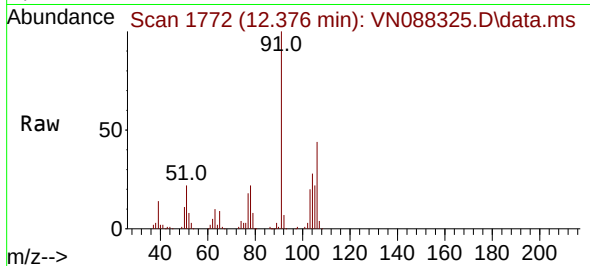
Tgt Ion:106 Resp: 120670
Ion Ratio Lower Upper
106 100
91 208.0 168.3 252.5





#68
o-Xylene
Concen: 15.823 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VN088325.D
Acq: 20 Nov 2025 12:44

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MSD

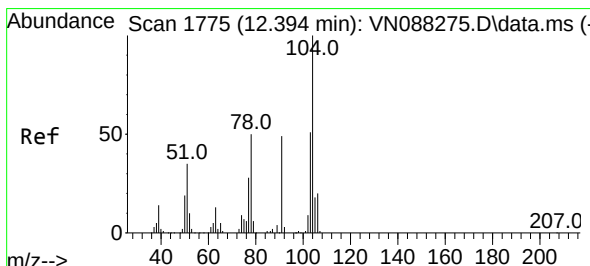
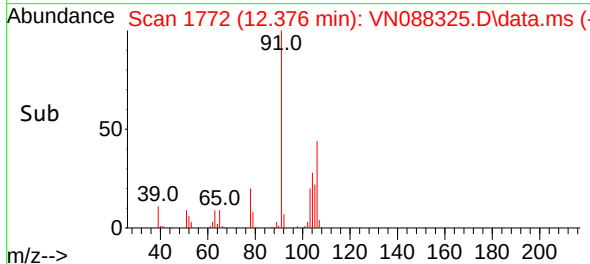
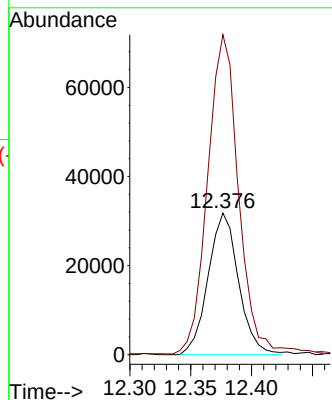


Tgt Ion:106 Resp: 5529
Ion Ratio Lower Upper
106 100
91 225.7 114.0 342.0

Manual Integrations
APPROVED

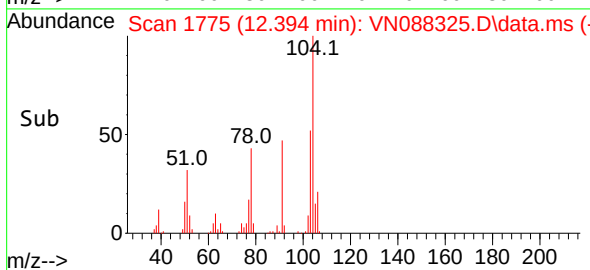
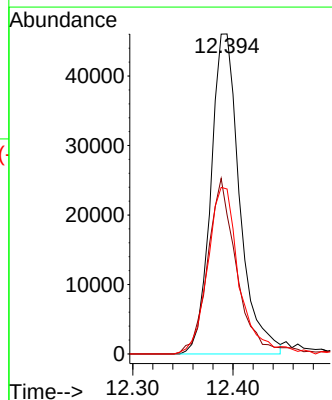
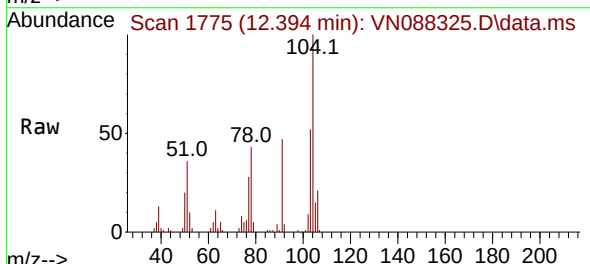
Reviewed By :John
Carlone
11/21/2025

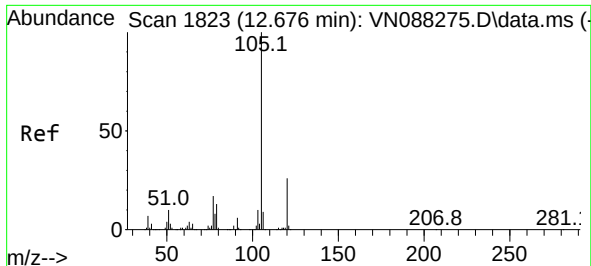
Supervised By :Semsettin
Yesilyurt
11/21/2025



#69
Styrene
Concen: 15.529 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN088325.D
Acq: 20 Nov 2025 12:44

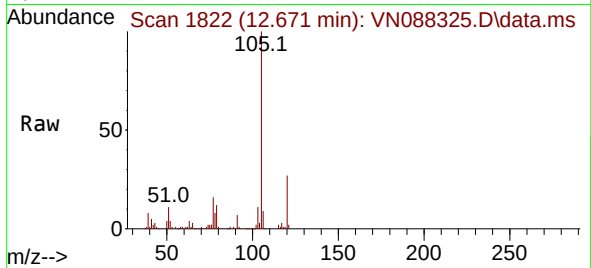
Tgt Ion:104 Resp: 92168
Ion Ratio Lower Upper
104 100
78 54.3 43.8 65.8
103 55.6 44.8 67.2





#70
Isopropylbenzene
Concen: 15.216 ug/l
RT: 12.671 min Scan# 1823
Delta R.T. -0.006 min
Lab File: VN088325.D
Acq: 20 Nov 2025 12:44

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MSD

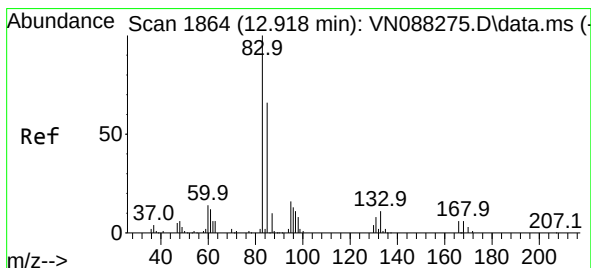
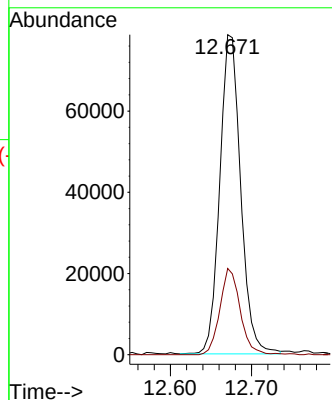


Tgt Ion:105 Resp: 140914
Ion Ratio Lower Upper
105 100
120 26.0 18.2 33.8

Manual Integrations
APPROVED

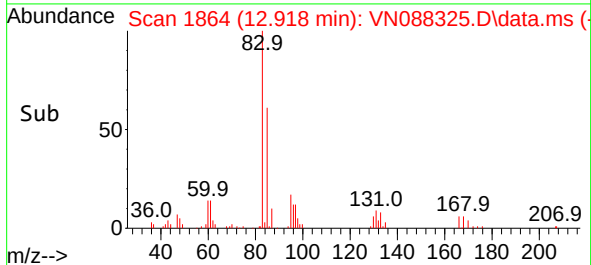
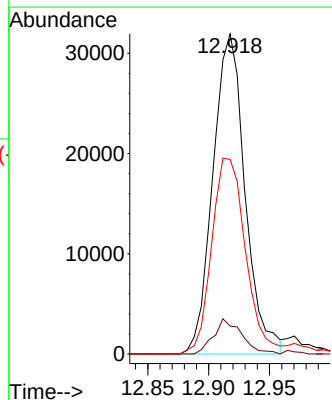
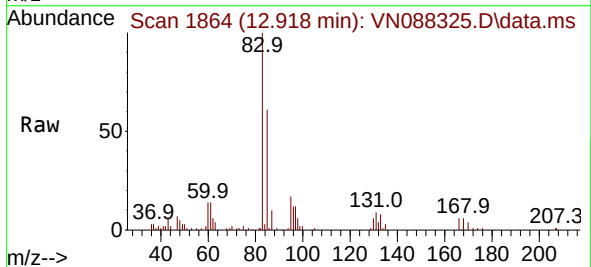
Reviewed By :John
Carlone
11/21/2025

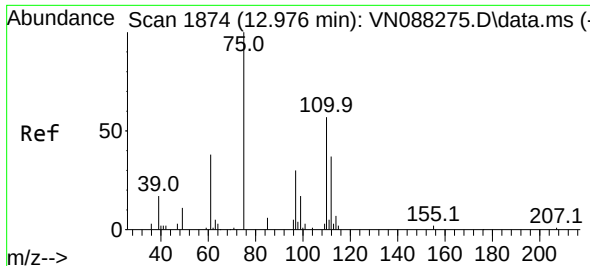
Supervised By :Semsettin
Yesilyurt
11/21/2025



#71
1,1,2,2-Tetrachloroethane
Concen: 19.542 ug/l
RT: 12.918 min Scan# 1864
Delta R.T. -0.000 min
Lab File: VN088325.D
Acq: 20 Nov 2025 12:44

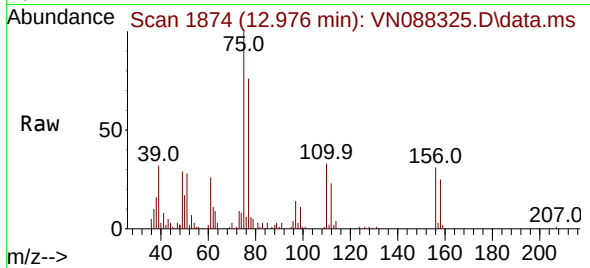
Tgt Ion: 83 Resp: 58625
Ion Ratio Lower Upper
83 100
131 9.5 4.3 12.9
85 64.2 32.4 97.2





#72
1,2,3-Trichloropropane
Concen: 19.824 ug/l m
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN088325.D
Acq: 20 Nov 2025 12:44

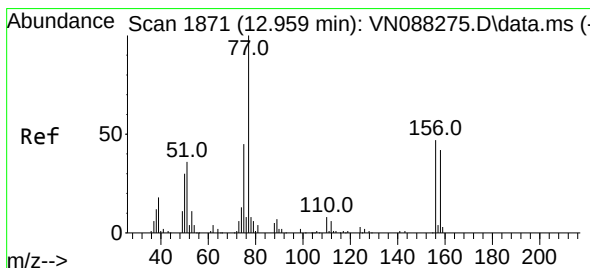
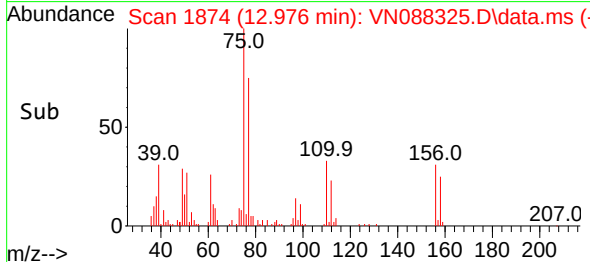
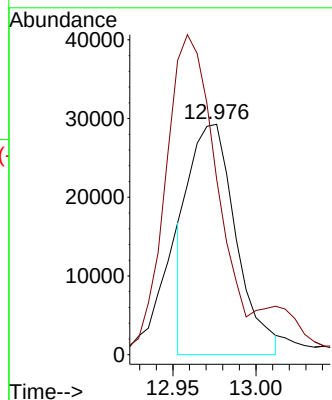
Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MSD



Tgt Ion: 75 Resp: 5761
Ion Ratio Lower Upper
75 100
77 150.3 0.0 386.6

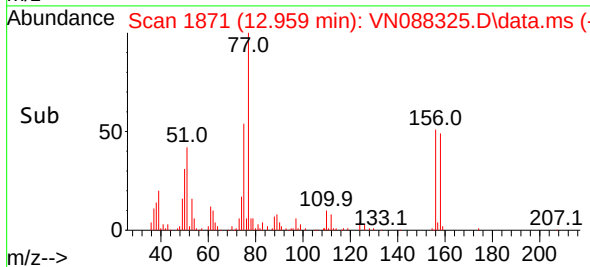
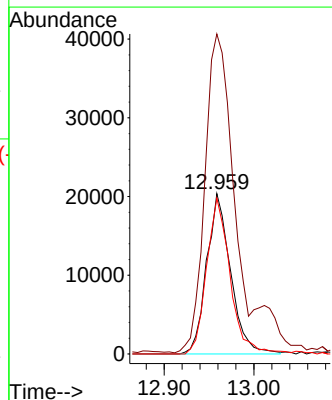
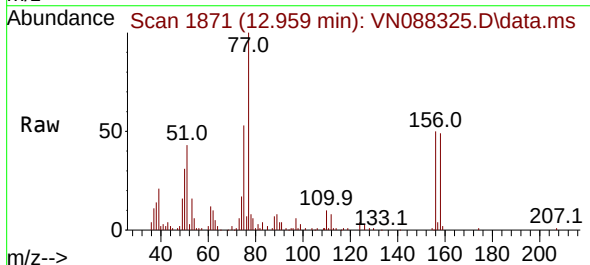
Manual Integrations
APPROVED

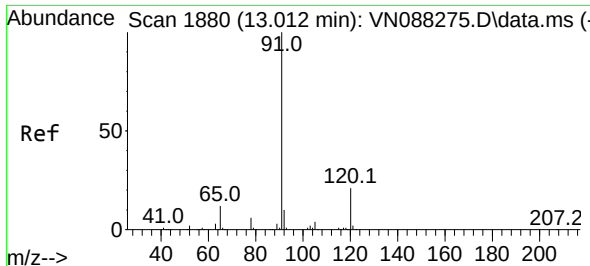
Reviewed By :John
Carlone
11/21/2025
Supervised By :Semsettin
Yesilyurt
11/21/2025



#73
Bromobenzene
Concen: 18.093 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN088325.D
Acq: 20 Nov 2025 12:44

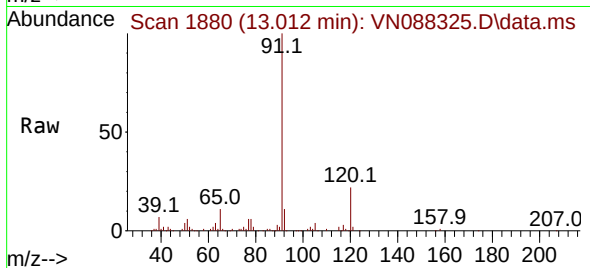
Tgt Ion:156 Resp: 37829
Ion Ratio Lower Upper
156 100
77 228.9 0.0 493.4
158 95.5 0.0 193.4





#74
n-propylbenzene
Concen: 15.262 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN088325.D
Acq: 20 Nov 2025 12:44

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MSD

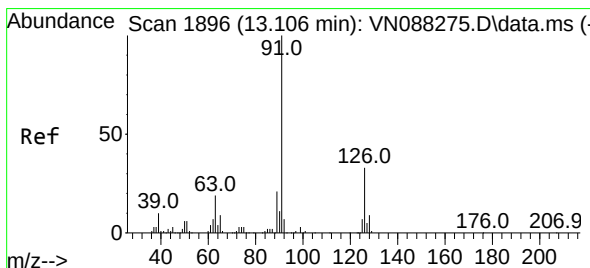
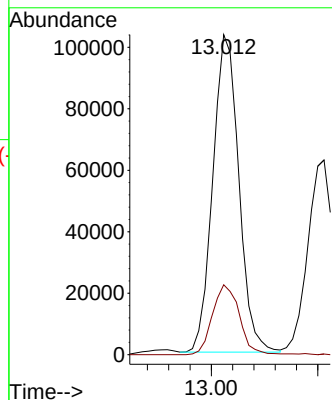


Tgt Ion: 91 Resp: 174924
Ion Ratio Lower Upper
91 100
120 22.7 0.0 43.2

Manual Integrations
APPROVED

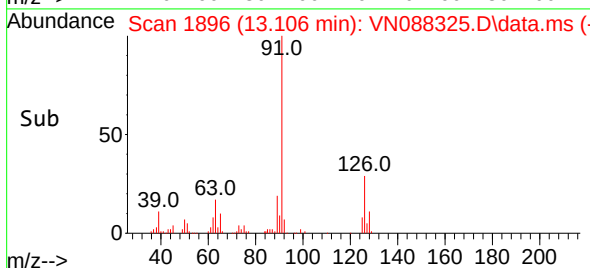
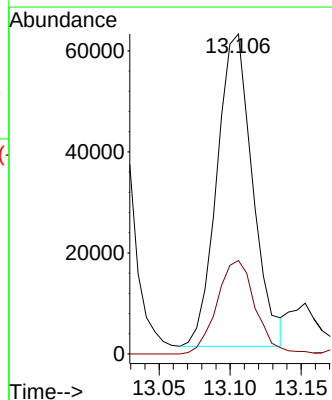
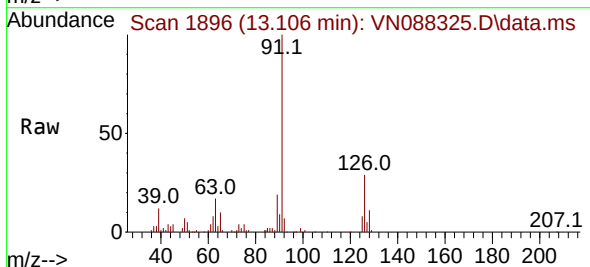
Reviewed By :John
Carlone
11/21/2025

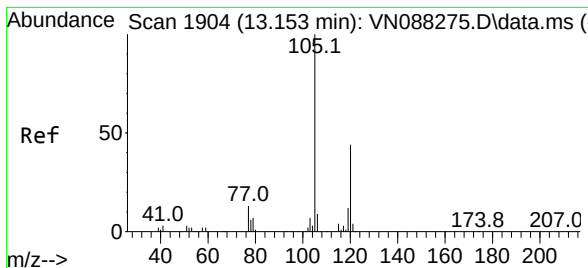
Supervised By :Semsettin
Yesilyurt
11/21/2025



#75
2-Chlorotoluene
Concen: 15.519 ug/l
RT: 13.106 min Scan# 1896
Delta R.T. -0.000 min
Lab File: VN088325.D
Acq: 20 Nov 2025 12:44

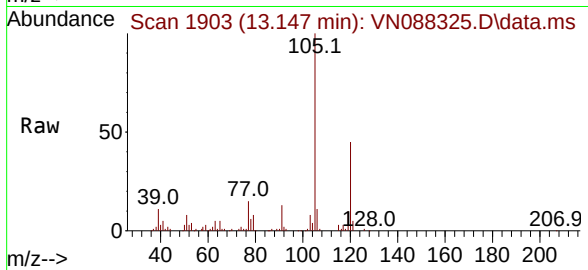
Tgt Ion: 91 Resp: 108157
Ion Ratio Lower Upper
91 100
126 32.2 0.0 62.0





#76
1,3,5-Trimethylbenzene
Concen: 15.447 ug/l
RT: 13.147 min Scan# 1904
Delta R.T. -0.006 min
Lab File: VN088325.D
Acq: 20 Nov 2025 12:44

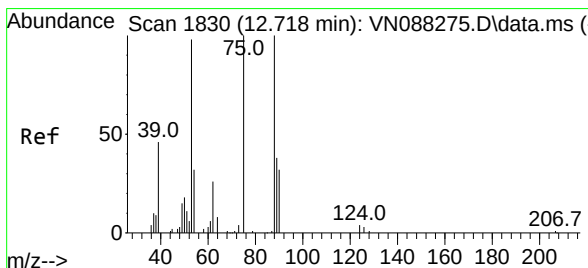
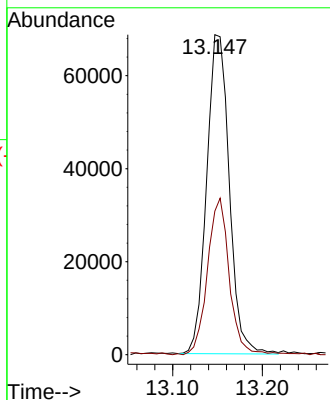
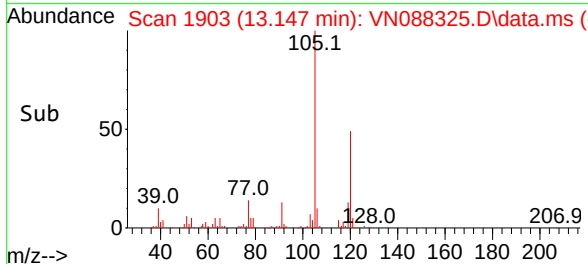
Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MSD



Tgt Ion:105 Resp: 12008
Ion Ratio Lower Upper
105 100
120 46.7 0.0 94.6

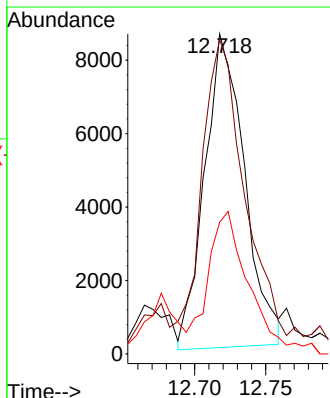
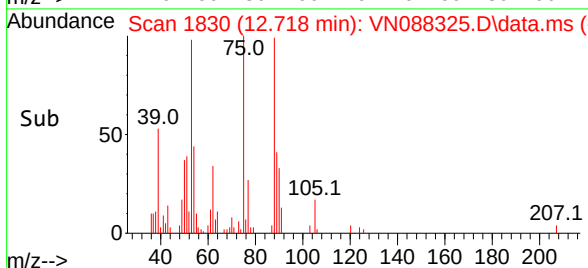
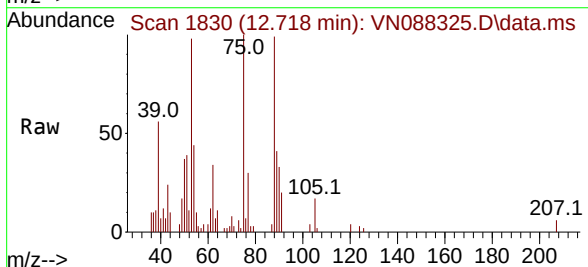
Manual Integrations
APPROVED

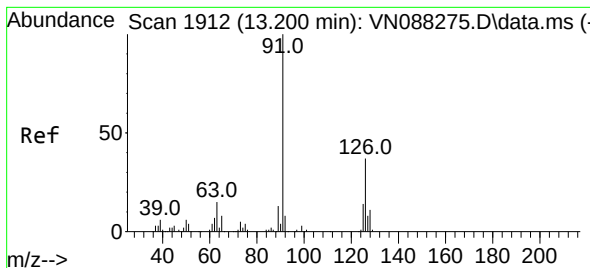
Reviewed By :John
Carlone
11/21/2025
Supervised By :Semsettin
Yesilyurt
11/21/2025



#77
t-1,4-Dichloro-2-butene
Concen: 16.717 ug/l
RT: 12.718 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN088325.D
Acq: 20 Nov 2025 12:44

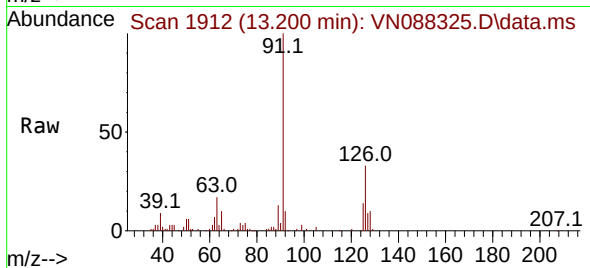
Tgt Ion: 75 Resp: 16684
Ion Ratio Lower Upper
75 100
53 91.8 50.0 150.0
89 37.4 22.3 66.9





#78
4-Chlorotoluene
Concen: 15.076 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VN088325.D
Acq: 20 Nov 2025 12:44

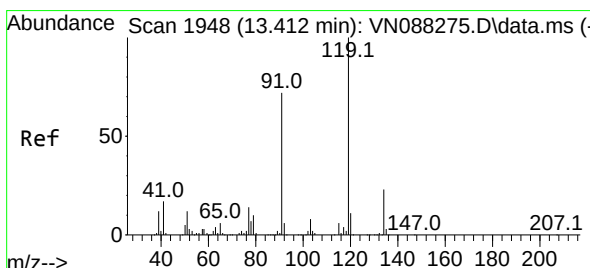
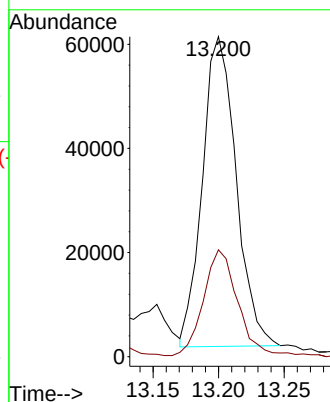
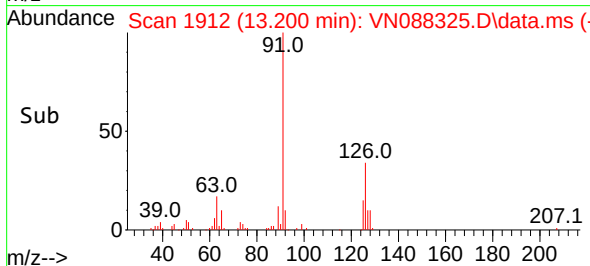
Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MSD



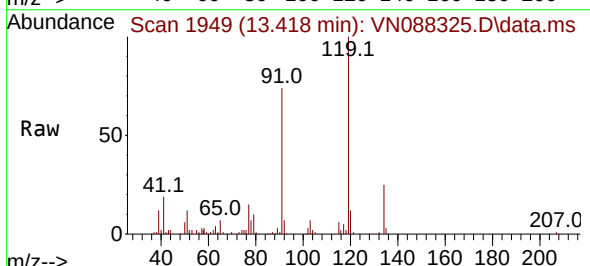
Tgt Ion: 91 Resp: 106474
Ion Ratio Lower Upper
91 100
126 34.0 0.0 60.8

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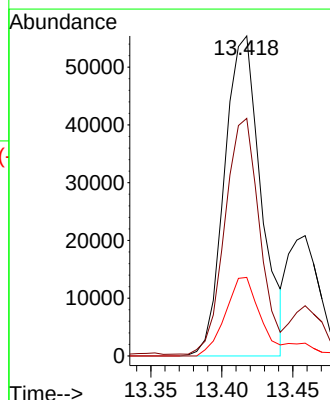
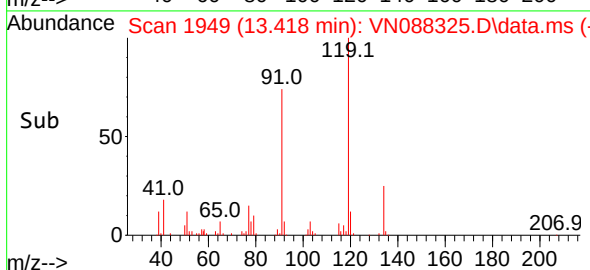
Reviewed By :John
Carlone
11/21/2025
Supervised By :Semsettin
Yesilyurt
11/21/2025

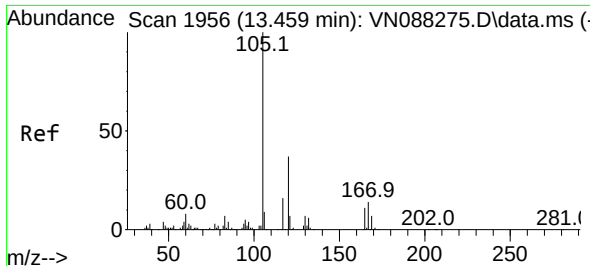


#79
tert-butylbenzene
Concen: 14.903 ug/l
RT: 13.418 min Scan# 1949
Delta R.T. 0.006 min
Lab File: VN088325.D
Acq: 20 Nov 2025 12:44



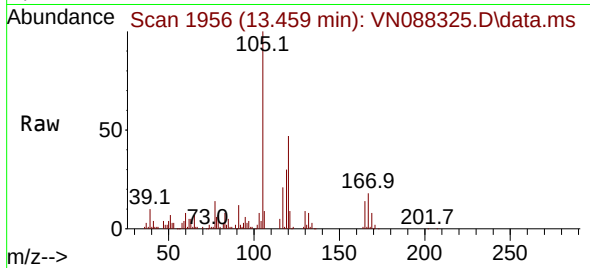
Tgt Ion:119 Resp: 99187
Ion Ratio Lower Upper
119 100
91 70.0 0.0 140.8
134 23.2 0.0 48.4





#80
1,2,4-Trimethylbenzene
Concen: 15.653 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN088325.D
Acq: 20 Nov 2025 12:44

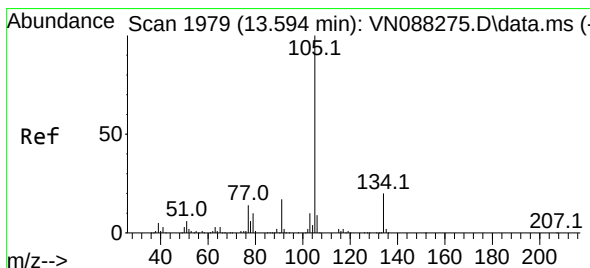
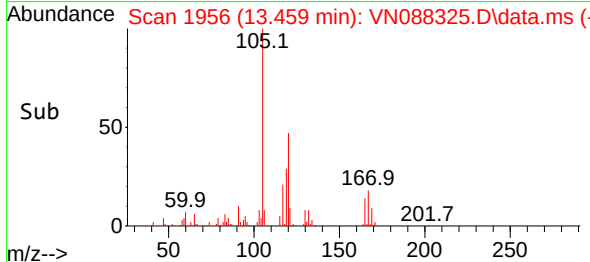
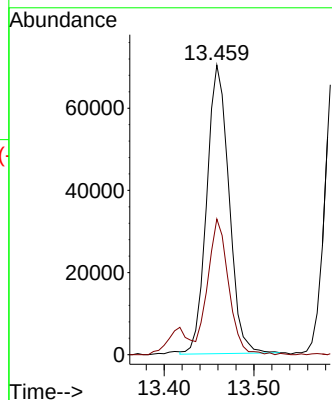
Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MSD



Tgt Ion:105 Resp: 12100
Ion Ratio Lower Upper
105 100
120 43.0 0.0 89.2

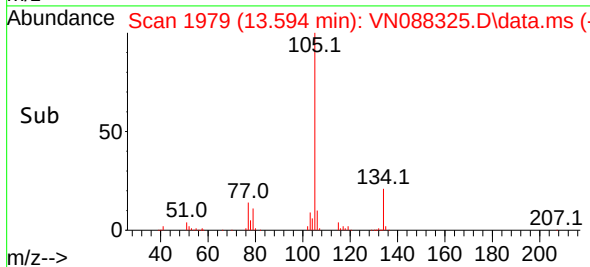
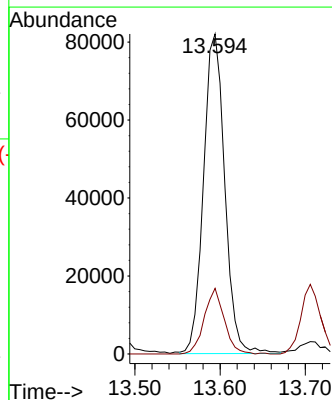
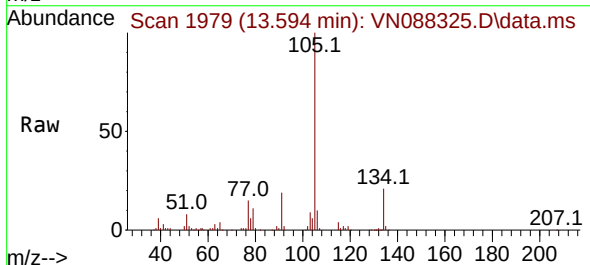
Manual Integrations
APPROVED

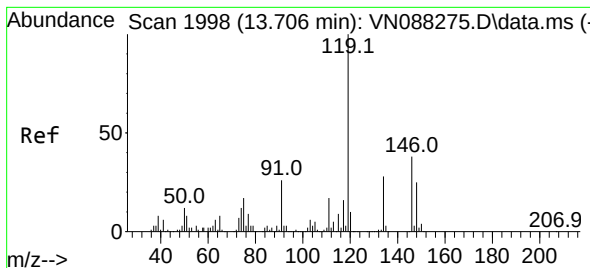
Reviewed By :John
Carlone
11/21/2025
Supervised By :Semsetin
Yesilyurt
11/21/2025



#81
sec-Butylbenzene
Concen: 14.659 ug/l
RT: 13.594 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VN088325.D
Acq: 20 Nov 2025 12:44

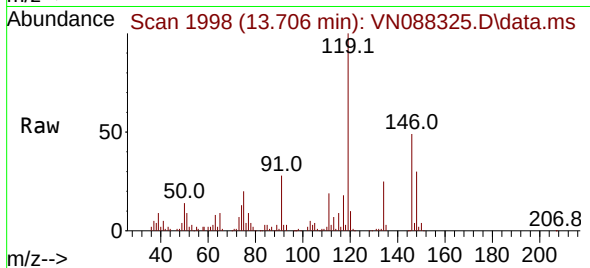
Tgt Ion:105 Resp: 142301
Ion Ratio Lower Upper
105 100
134 19.2 0.0 38.4





#82
p-Isopropyltoluene
Concen: 14.808 ug/l
RT: 13.706 min Scan# 1998
Delta R.T. -0.000 min
Lab File: VN088325.D
Acq: 20 Nov 2025 12:44

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MSD

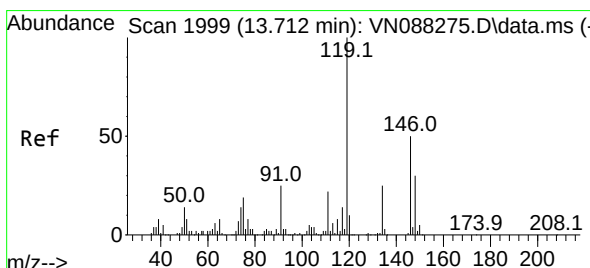
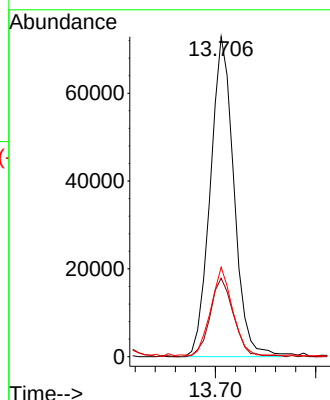
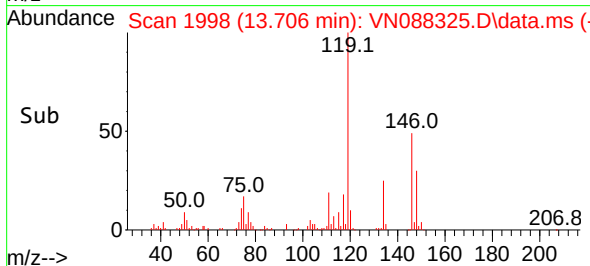


Tgt Ion:119 Resp: 11878
Ion Ratio Lower Upper
119 100
134 24.2 0.0 51.2
91 25.2 0.0 53.4

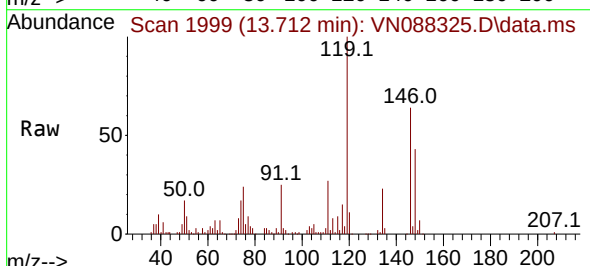
Manual Integrations
APPROVED

Reviewed By :John
Carlone
11/21/2025

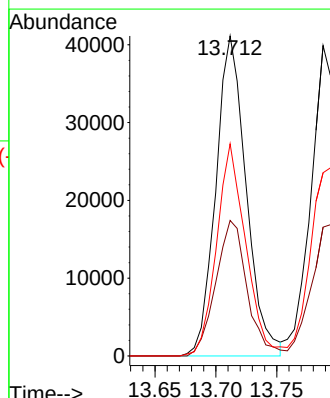
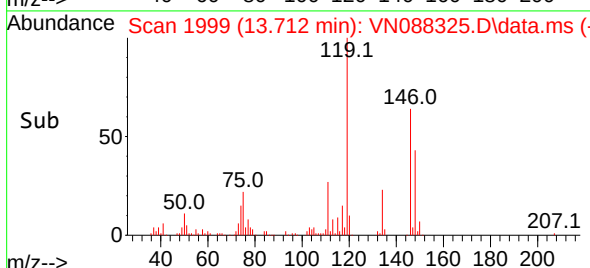
Supervised By :Semsettin
Yesilyurt
11/21/2025

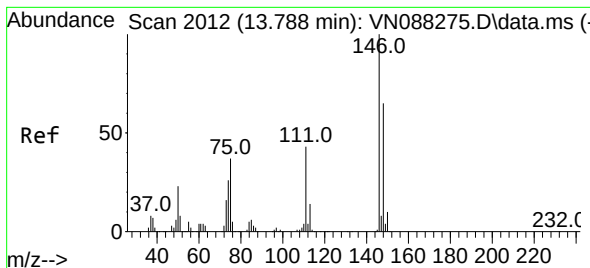


#83
1,3-Dichlorobenzene
Concen: 17.551 ug/l
RT: 13.712 min Scan# 1999
Delta R.T. -0.000 min
Lab File: VN088325.D
Acq: 20 Nov 2025 12:44



Tgt Ion:146 Resp: 71298
Ion Ratio Lower Upper
146 100
111 43.9 22.1 66.5
148 64.1 31.4 94.3





#84

1,4-Dichlorobenzene

Concen: 17.847 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. -0.000 min

Lab File: VN088325.D

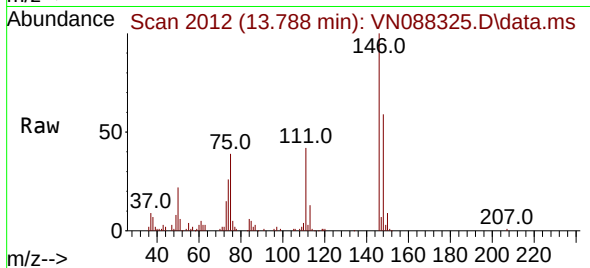
Acq: 20 Nov 2025 12:44

Instrument :

MSVOA_N

ClientSampleId :

OUTFALL-DSN-001MSD



Tgt Ion:	146	Resp:	73420
Ion Ratio	Lower	Upper	
146	100		
111	40.4	21.8	65.3
148	62.7	31.9	95.5

Manual Integrations

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Reviewed By :John

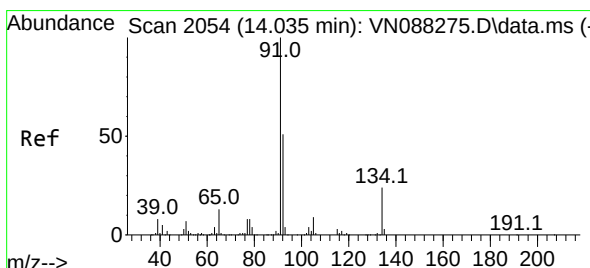
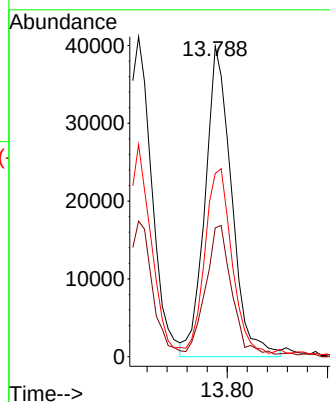
Carlone

11/21/2025

Supervised By :Semsettin

Yesilyurt

11/21/2025



#85

n-Butylbenzene

Concen: 15.024 ug/l

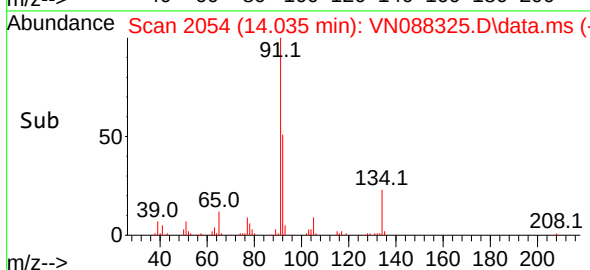
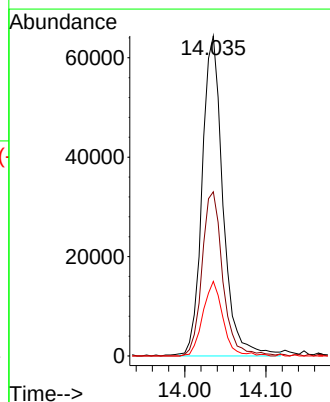
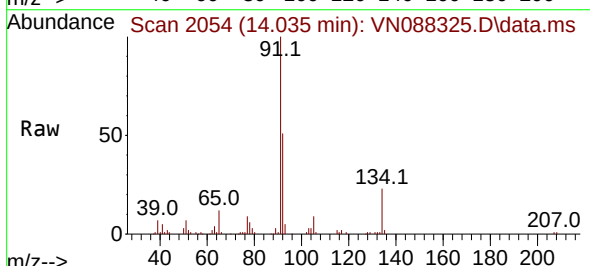
RT: 14.035 min Scan# 2054

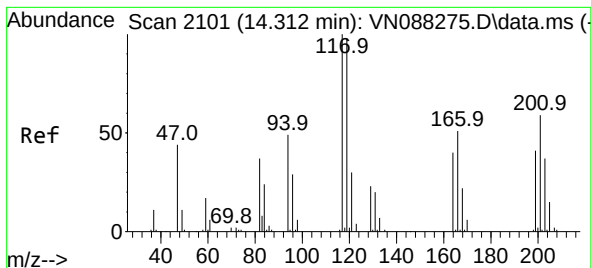
Delta R.T. -0.000 min

Lab File: VN088325.D

Acq: 20 Nov 2025 12:44

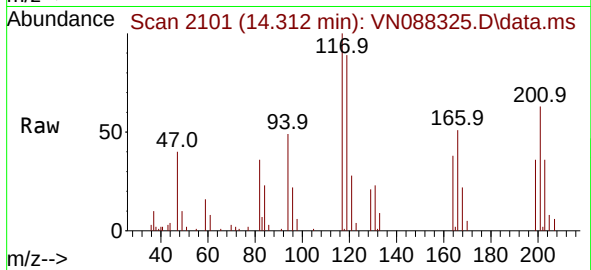
Tgt Ion:	91	Resp:	114857
Ion Ratio	Lower	Upper	
91	100		
92	51.0	0.0	102.4
134	22.1	0.0	45.8





#86
Hexachloroethane
Concen: 16.954 ug/l
RT: 14.312 min Scan# 2101
Delta R.T. -0.000 min
Lab File: VN088325.D
Acq: 20 Nov 2025 12:44

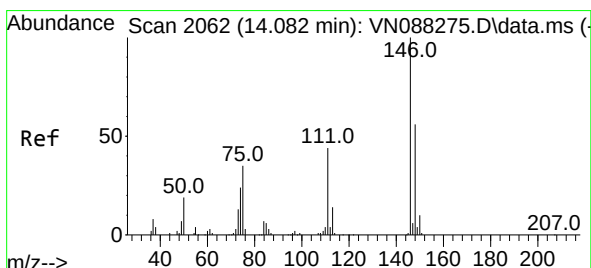
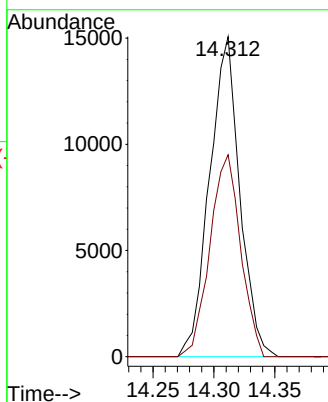
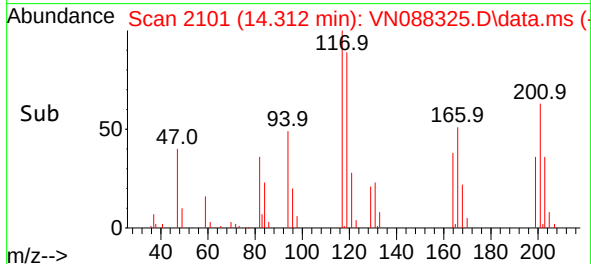
Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MSD



Tgt Ion:117 Resp: 26039
Ion Ratio Lower Upper
117 100
201 63.9 30.6 92.0

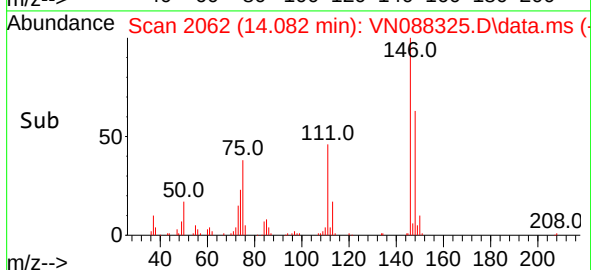
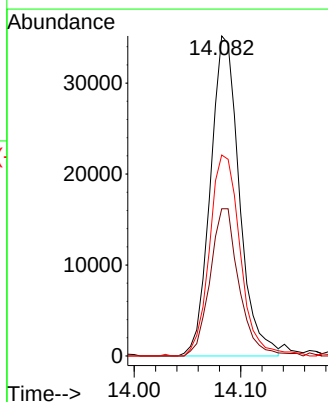
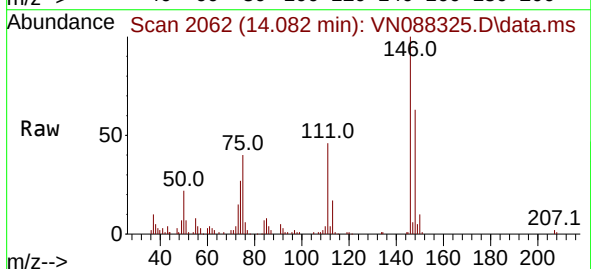
Manual Integrations
APPROVED

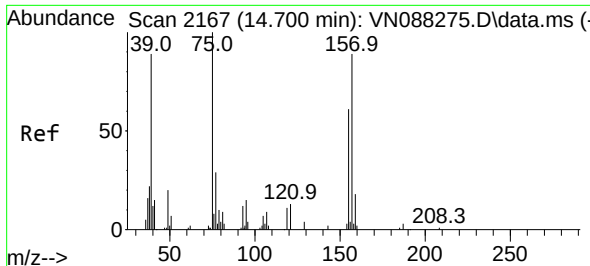
Reviewed By :John
Carlone
11/21/2025
Supervised By :Semsettin
Yesilyurt
11/21/2025



#87
1,2-Dichlorobenzene
Concen: 17.327 ug/l
RT: 14.082 min Scan# 2062
Delta R.T. -0.000 min
Lab File: VN088325.D
Acq: 20 Nov 2025 12:44

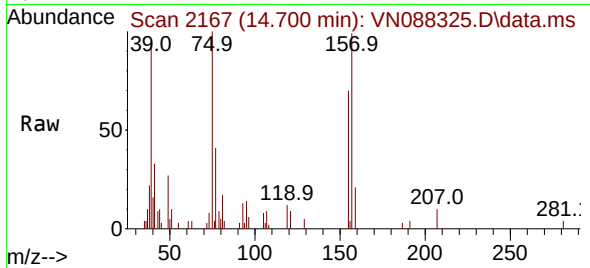
Tgt Ion:146 Resp: 66436
Ion Ratio Lower Upper
146 100
111 45.9 23.0 69.0
148 66.7 31.1 93.2





#88
 1,2-Dibromo-3-Chloropropane
 Concen: 18.422 ug/l
 RT: 14.700 min Scan# 2167
 Delta R.T. -0.000 min
 Lab File: VN088325.D
 Acq: 20 Nov 2025 12:44

Instrument :
 MSVOA_N
 ClientSampleId :
 OUTFALL-DSN-001MSD

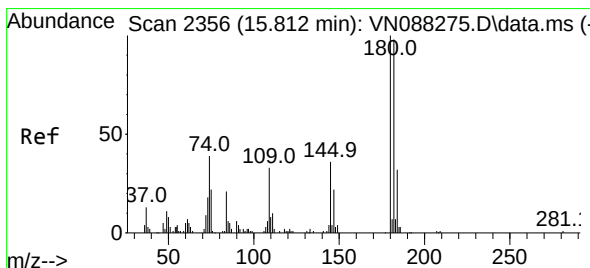
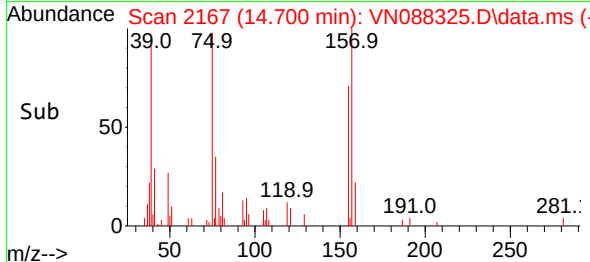
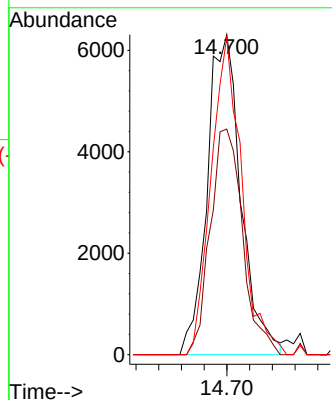


Tgt Ion: 75 Resp: 12990
 Ion Ratio Lower Upper
 75 100
 155 67.8 54.8 82.2
 157 89.7 70.7 106.1

Manual Integrations
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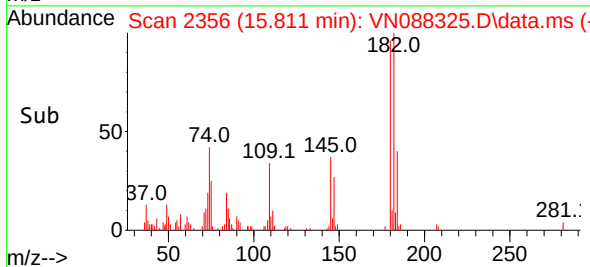
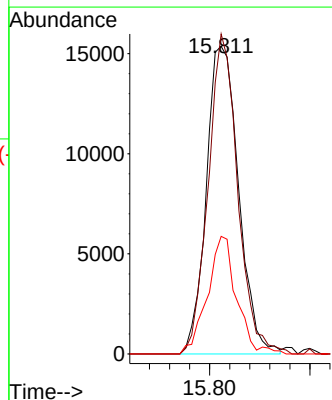
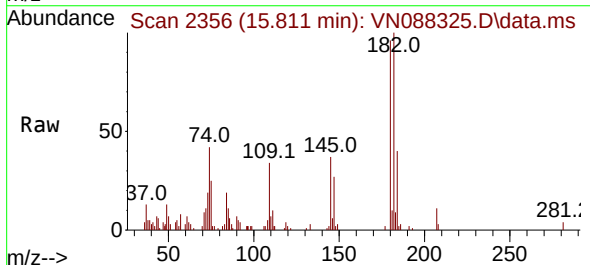
Reviewed By :John
 Carlone
 11/21/2025

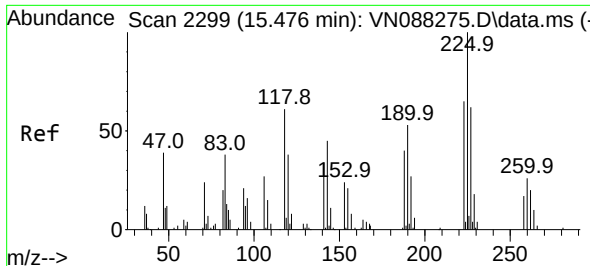
Supervised By :Semsettin
 Yesilyurt
 11/21/2025



#89
 1,2,4-Trichlorobenzene
 Concen: 16.008 ug/l
 RT: 15.811 min Scan# 2356
 Delta R.T. -0.000 min
 Lab File: VN088325.D
 Acq: 20 Nov 2025 12:44

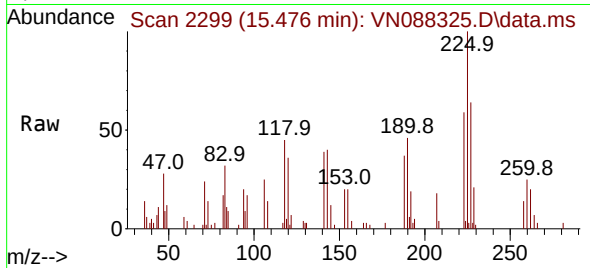
Tgt Ion:180 Resp: 34443
 Ion Ratio Lower Upper
 180 100
 182 94.8 77.3 115.9
 145 33.6 30.2 45.4





#90
Hexachlorobutadiene
Concen: 17.302 ug/l
RT: 15.476 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN088325.D
Acq: 20 Nov 2025 12:44

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MSD

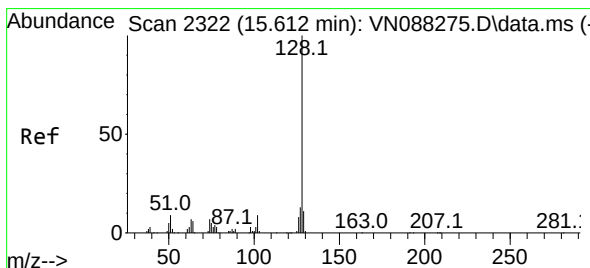
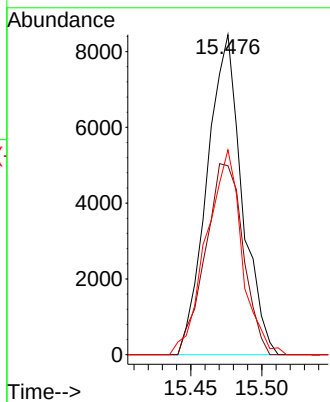
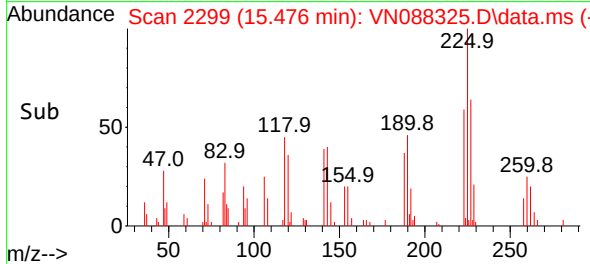


Tgt Ion:225 Resp: 14458
Ion Ratio Lower Upper
225 100
223 64.5 0.0 132.0
227 65.0 0.0 132.6

Manual Integrations
APPROVED

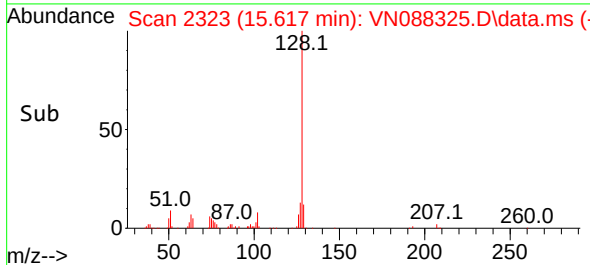
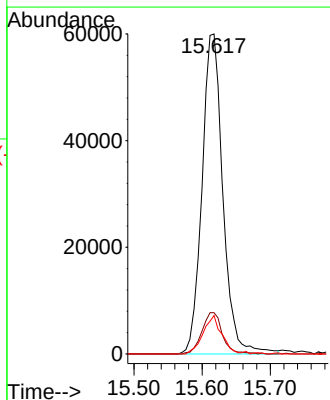
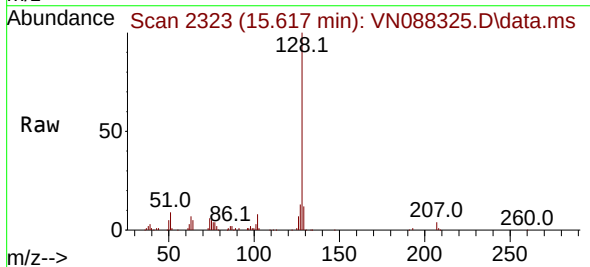
Reviewed By :John
Carlone
11/21/2025

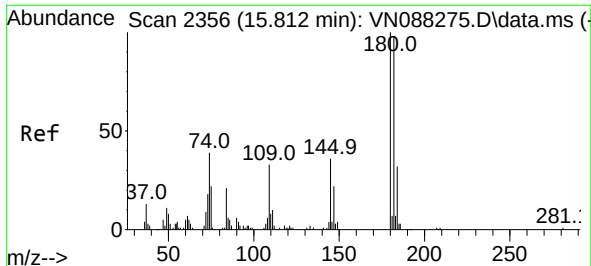
Supervised By :Semsettin
Yesilyurt
11/21/2025



#91
Naphthalene
Concen: 16.442 ug/l
RT: 15.617 min Scan# 2323
Delta R.T. 0.006 min
Lab File: VN088325.D
Acq: 20 Nov 2025 12:44

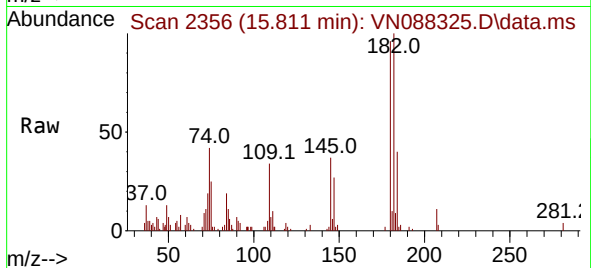
Tgt Ion:128 Resp: 128004
Ion Ratio Lower Upper
128 100
127 12.6 10.6 16.0
129 10.6 8.8 13.2





#92
 1,2,3-Trichlorobenzene
 Concen: 16.008 ug/l
 RT: 15.811 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN088325.D
 Acq: 20 Nov 2025 12:44

Instrument :
 MSVOA_N
 ClientSampleId :
 OUTFALL-DSN-001MSD



Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	0.0	193.2
145	33.6	0.0	75.6

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone
 11/21/2025

Supervised By :Semsettin
 Yesilyurt
 11/21/2025

