

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112025\
 Data File : VN088324.D
 Acq On : 20 Nov 2025 12:23
 Operator : JC\MD
 Sample : Q3676-02MS
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OUTFALL-DSN-001MS

Quant Time: Nov 21 02:59:00 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 : Semsettin Yesilyurt 11/21/2025

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

Internal Standards						
1) Bromochloromethane	7.800	128	38756	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.083	114	192300	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.841	117	177297	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.559	65	106259	30.016	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 100.067%			
60) 4-Bromofluorobenzene	12.824	95	88237	29.441	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 98.133%			
63) Toluene-d8	10.547	98	253741	30.229	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 100.767%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	55049	20.206	ug/l	93
3) Chloromethane	2.383	50	70383	25.057	ug/l	99
4) Vinyl Chloride	2.536	62	60019	20.208	ug/l	97
5) Bromomethane	2.983	94	33207	20.969	ug/l	88
6) Chloroethane	3.142	64	37852	20.618	ug/l	93
7) Trichlorofluoromethane	3.518	101	79131	19.004	ug/l	94
8) Diethyl Ether	3.965	74	33564	21.566	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.377	101	44092	20.184	ug/l	95
10) 1,1-Dichloroethene	4.336	96	42121	19.765	ug/l	81
11) Methyl Iodide	4.583	142	34059	15.017	ug/l #	80
12) Methyl Acetate	5.024	43	94664	27.534	ug/l	95
13) Acrolein	4.177	56	119848	236.923	ug/l	100
14) Acrylonitrile	5.712	53	184899	118.352	ug/l	98
15) Acetone	4.418	58	238856	522.816	ug/l	100
16) Carbon Disulfide	4.701	76	140148	19.499	ug/l #	94
17) Allyl chloride	5.012	41	86843	20.969	ug/l	97
18) Methylene Chloride	5.259	84	57960m	21.880	ug/l	
19) trans-1,2-Dichloroethene	5.783	96	50440	20.325	ug/l	93
20) Diisopropyl ether	6.659	45	183160	20.697	ug/l	96
21) 1,1-Dichloroethane	6.553	63	102562	20.571	ug/l	98
22) cis-1,2-Dichloroethene	7.471	96	60588	21.006	ug/l	96
23) tert-Butyl Alcohol	5.518	59	86902	151.276	ug/l #	100
24) Methyl tert-Butyl Ether	5.783	73	175652	20.442	ug/l	100
25) Chloroform	7.947	83	206158	41.729	ug/l	97
26) Cyclohexane	8.242	56	73479	17.448	ug/l #	93
29) 1,1-Dichloropropene	8.353	75	64463	20.091	ug/l	99
30) 2-Butanone	7.471	43	277648	133.772	ug/l	99
31) 2,2-Dichloropropane	7.477	77	84331	21.309	ug/l #	79
32) 1,1,1-Trichloroethane	8.147	97	87147	22.032	ug/l	98
33) Carbon Tetrachloride	8.341	117	71090	21.047	ug/l	94
34) Benzene	8.589	78	216537	22.578	ug/l	99
35) Methacrylonitrile	7.765	41	53522	24.722	ug/l	95
36) 1,2-Dichloroethane	8.653	62	84826	22.726	ug/l	100
37) Trichloroethene	9.330	130	46999	21.624	ug/l	97
38) Methylcyclohexane	9.583	83	65591	17.831	ug/l	98
39) 1,2-Dichloropropane	9.606	63	56379	22.785	ug/l	93
40) Dibromomethane	9.688	93	41453	23.317	ug/l	93
41) Bromodichloromethane	9.865	83	104917	29.316	ug/l	99
42) Vinyl Acetate	6.595	43	777197	112.193	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112025\
 Data File : VN088324.D
 Acq On : 20 Nov 2025 12:23
 Operator : JC\MD
 Sample : Q3676-02MS
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OUTFALL-DSN-001MS

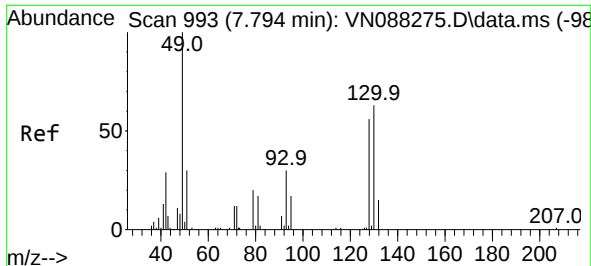
Quant Time: Nov 21 02:59:00 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N111325W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Nov 14 00:49:21 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.547	43	90646	21.706	ug/l	98
44) Isopropyl Acetate	8.671	43	148594	23.089	ug/l	100
45) 1,4-Dioxane	9.677	88	25025	645.707	ug/l	93
46) Methyl methacrylate	9.665	41	67131	22.291	ug/l	94
47) n-amyl Acetate	12.665	43	74685m	22.901	ug/l	
48) t-1,3-Dichloropropene	10.818	75	83315	21.765	ug/l	97
49) cis-1,3-Dichloropropene	10.294	75	85691	21.515	ug/l	94
50) 1,1,2-Trichloroethane	10.994	97	51796	23.562	ug/l	95
51) Ethyl methacrylate	10.859	69	71430	19.750	ug/l	92
52) 1,3-Dichloropropane	11.141	76	94543	23.615	ug/l	98
53) Dibromochloromethane	11.341	129	61729	24.446	ug/l	98
54) 1,2-Dibromoethane	11.447	107	54818	24.000	ug/l	95
56) Bromoform	12.559	173	35779	22.386	ug/l	97
58) 4-Methyl-2-Pentanone	10.424	43	535316	133.495	ug/l	97
59) 2-Hexanone	11.177	43	324237	121.767	ug/l	97
61) Tetrachloroethene	11.083	164	37059	20.274	ug/l	91
62) Toluene	10.606	91	221455	21.766	ug/l	98
64) Chlorobenzene	11.871	112	136098	21.598	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.941	131	49287	22.852	ug/l	94
66) Ethyl Benzene	11.941	91	224822	20.049	ug/l	96
67) m/p-Xylenes	12.047	106	171340	40.859	ug/l	99
68) o-Xylene	12.377	106	80351	20.312	ug/l	98
69) Styrene	12.388	104	135376	20.149	ug/l	98
70) Isopropylbenzene	12.671	105	199403	19.020	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.918	83	82849	24.397	ug/l	99
72) 1,2,3-Trichloropropane	12.971	75	84371m	25.645	ug/l	
73) Bromobenzene	12.959	156	51490	21.755	ug/l	98
74) n-propylbenzene	13.012	91	256778	19.792	ug/l	99
75) 2-Chlorotoluene	13.100	91	161433	20.463	ug/l	99
76) 1,3,5-Trimethylbenzene	13.147	105	172975	19.656	ug/l	100
77) t-1,4-Dichloro-2-butene	12.718	75	24934	22.070	ug/l	97
78) 4-Chlorotoluene	13.200	91	168493	21.076	ug/l	99
79) tert-butylbenzene	13.412	119	144212	19.141	ug/l	99
80) 1,2,4-Trimethylbenzene	13.459	105	173123	19.784	ug/l	99
81) sec-Butylbenzene	13.594	105	208381	18.963	ug/l	100
82) p-Isopropyltoluene	13.706	119	169634	18.681	ug/l	98
83) 1,3-Dichlorobenzene	13.712	146	100823	21.926	ug/l	98
84) 1,4-Dichlorobenzene	13.788	146	99426	21.350	ug/l	97
85) n-Butylbenzene	14.035	91	160820	18.583	ug/l	100
86) Hexachloroethane	14.306	117	34521	19.855	ug/l	98
87) 1,2-Dichlorobenzene	14.082	146	92623	21.340	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.694	75	19447	24.363	ug/l	96
89) 1,2,4-Trichlorobenzene	15.806	180	48756	20.017	ug/l	96
90) Hexachlorobutadiene	15.470	225	20703	21.887	ug/l	95
91) Naphthalene	15.612	128	176667	20.046	ug/l	99
92) 1,2,3-Trichlorobenzene	15.806	180	48756	20.017	ug/l	96

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



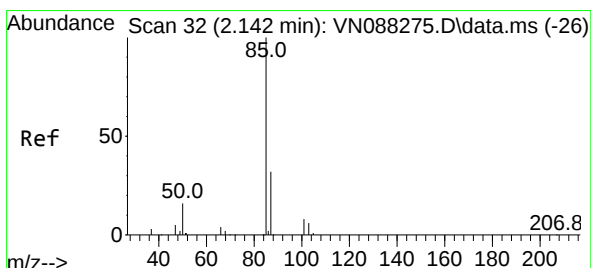
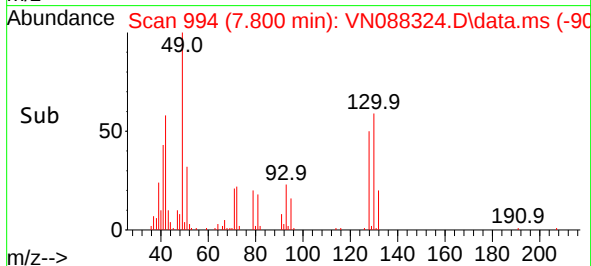
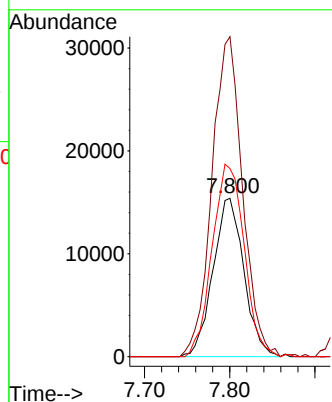
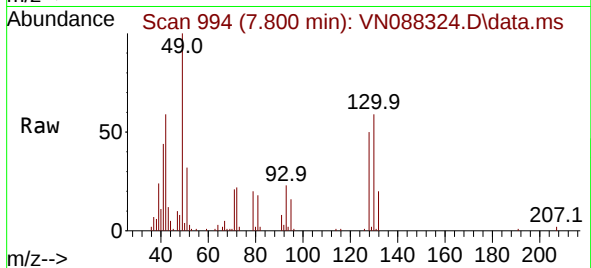
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.800 min Scan# 993
Delta R.T. 0.006 min
Lab File: VN088324.D
Acq: 20 Nov 2025 12:23

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MS

Tgt Ion:128 Resp: 38750
Ion Ratio Lower Upper
128 100
49 200.3 0.0 501.2
130 126.1 0.0 320.2

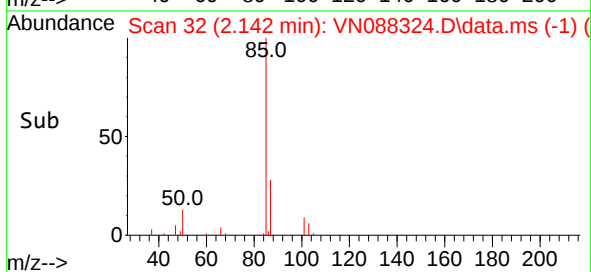
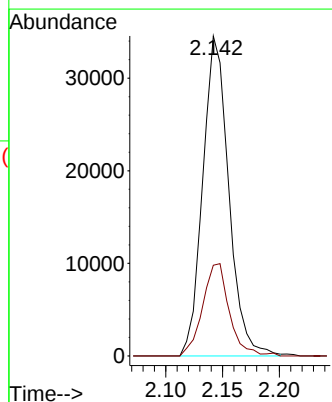
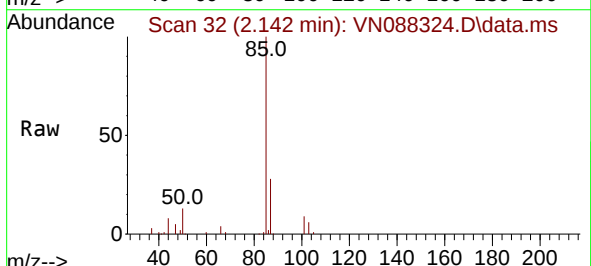
Manual Integrations
APPROVED

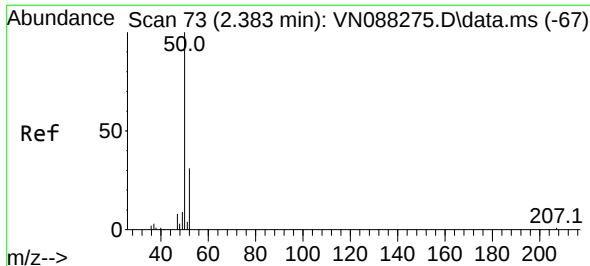
Reviewed By :John Carlone 11/21/2025
Supervised By :Semsettin Yesilyurt 11/21/2025



#2
Dichlorodifluoromethane
Concen: 20.206 ug/l
RT: 2.142 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN088324.D
Acq: 20 Nov 2025 12:23

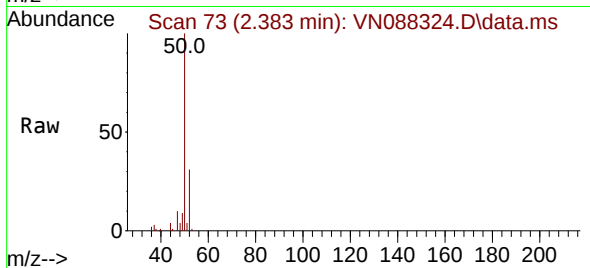
Tgt Ion: 85 Resp: 55049
Ion Ratio Lower Upper
85 100
87 28.4 16.0 48.0





#3
Chloromethane
Concen: 25.057 ug/l
RT: 2.383 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN088324.D
Acq: 20 Nov 2025 12:23

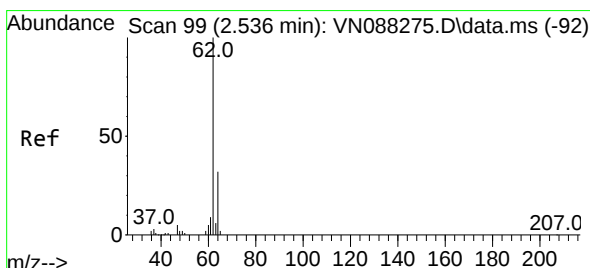
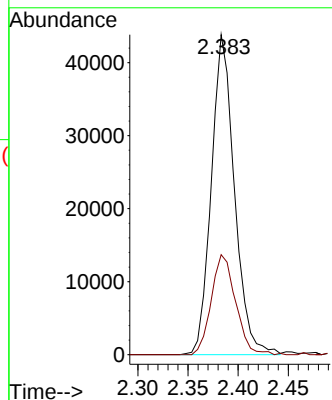
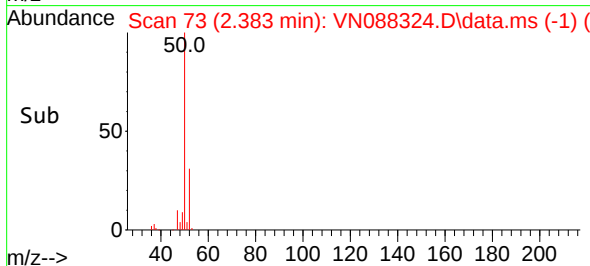
Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MS



Tgt Ion: 50 Resp: 7038
Ion Ratio Lower Upper
50 100
52 31.3 24.6 36.8

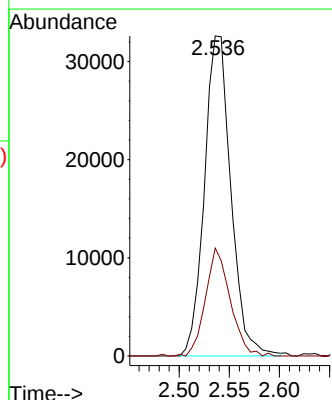
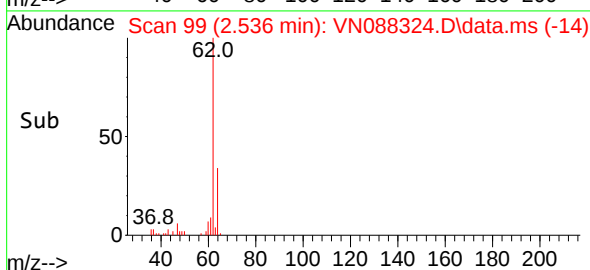
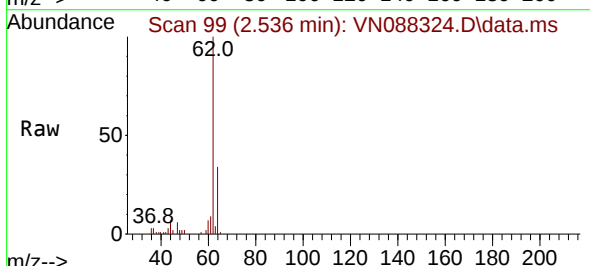
Manual Integrations
APPROVED

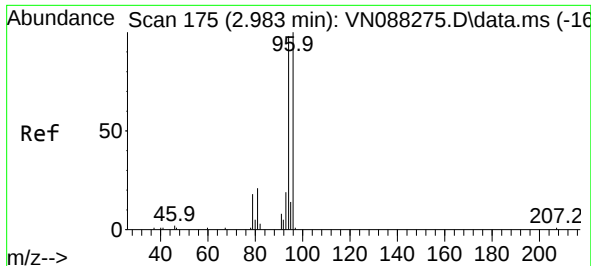
Reviewed By :John Carlone 11/21/2025
Supervised By :Semsettin Yesilyurt 11/21/2025



#4
Vinyl Chloride
Concen: 20.208 ug/l
RT: 2.536 min Scan# 99
Delta R.T. 0.000 min
Lab File: VN088324.D
Acq: 20 Nov 2025 12:23

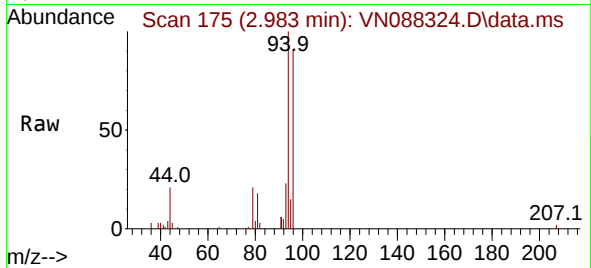
Tgt Ion: 62 Resp: 60019
Ion Ratio Lower Upper
62 100
64 33.7 25.4 38.2





#5
Bromomethane
Concen: 20.969 ug/l
RT: 2.983 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN088324.D
Acq: 20 Nov 2025 12:23

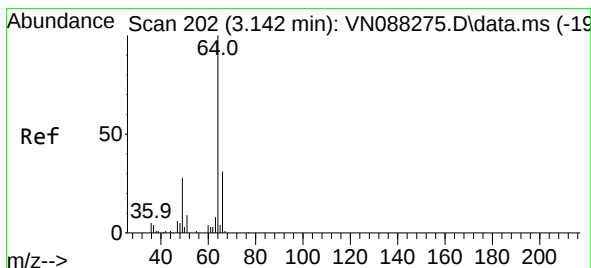
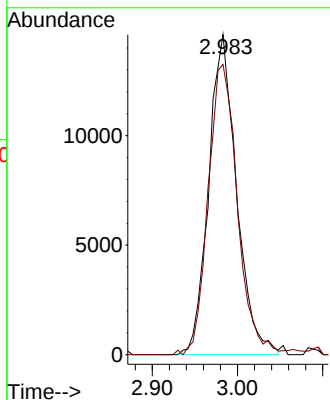
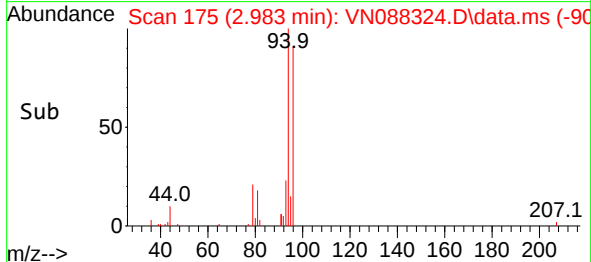
Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MS



Tgt Ion: 94 Resp: 3320
Ion Ratio Lower Upper
94 100
96 89.6 81.3 121.9

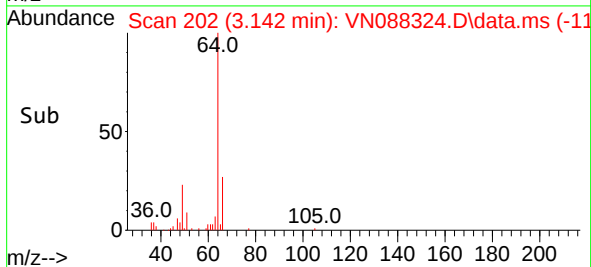
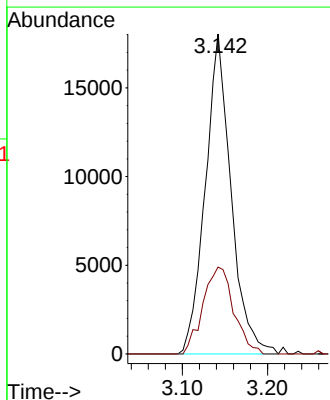
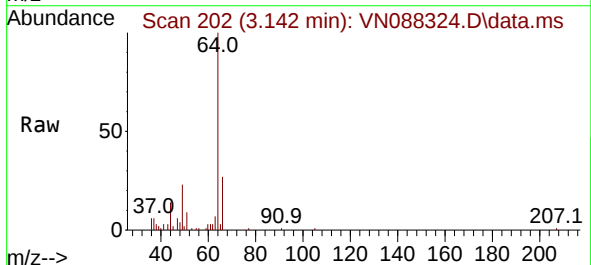
Manual Integrations
APPROVED

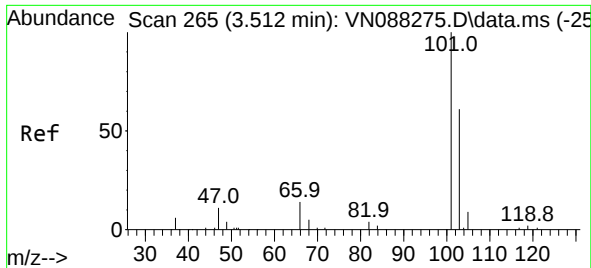
Reviewed By :John Carlone 11/21/2025
Supervised By :Semsettin Yesilyurt 11/21/2025



#6
Chloroethane
Concen: 20.618 ug/l
RT: 3.142 min Scan# 202
Delta R.T. 0.000 min
Lab File: VN088324.D
Acq: 20 Nov 2025 12:23

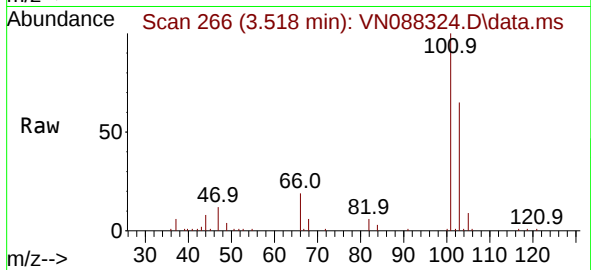
Tgt Ion: 64 Resp: 37852
Ion Ratio Lower Upper
64 100
66 27.1 24.7 37.1





#7
Trichlorofluoromethane
Concen: 19.004 ug/l
RT: 3.518 min Scan# 265
Delta R.T. 0.006 min
Lab File: VN088324.D
Acq: 20 Nov 2025 12:23

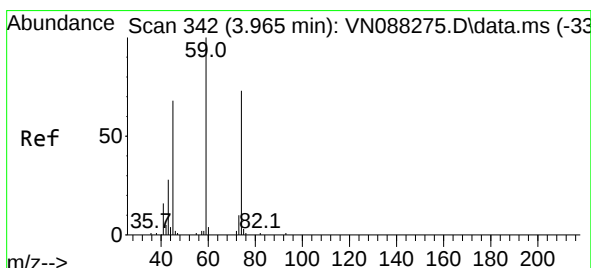
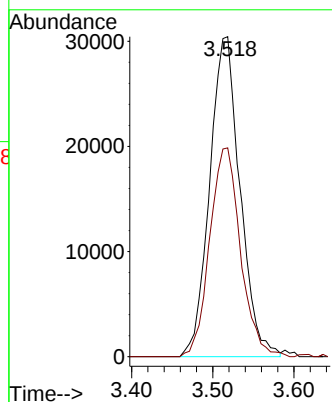
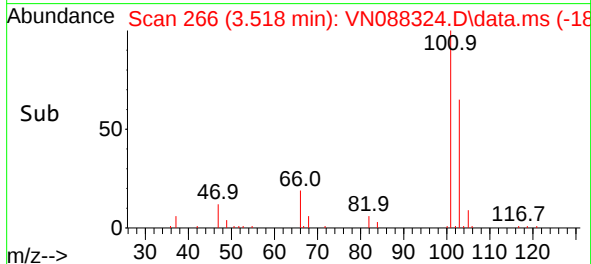
Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MS



Tgt Ion:101 Resp: 7913
Ion Ratio Lower Upper
101 100
103 65.2 48.6 73.0

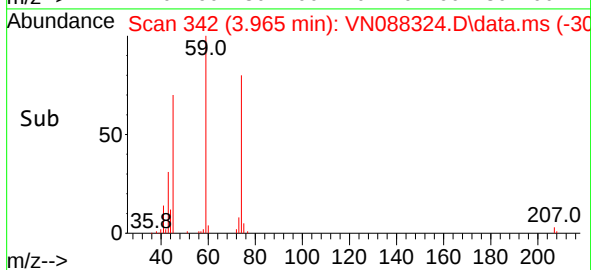
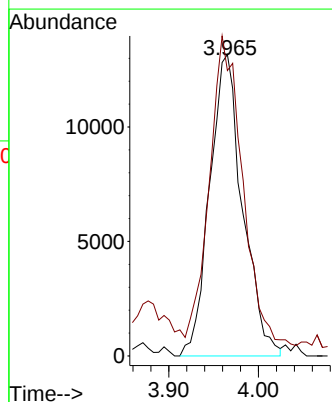
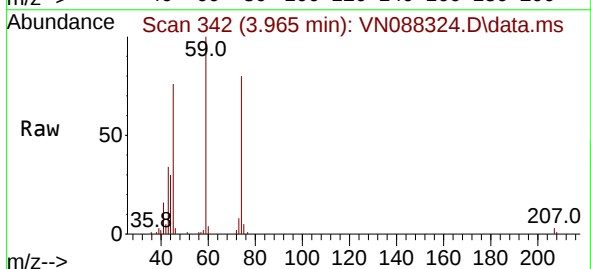
Manual Integrations
APPROVED

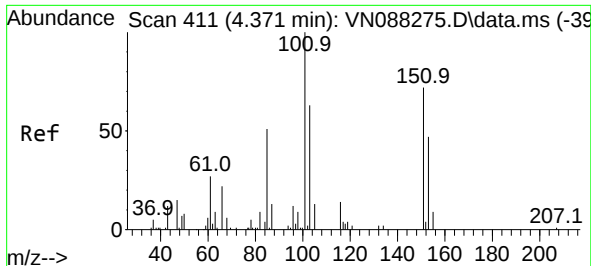
Reviewed By :John Carlone 11/21/2025
Supervised By :Semsettin Yesilyurt 11/21/2025



#8
Diethyl Ether
Concen: 21.566 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.000 min
Lab File: VN088324.D
Acq: 20 Nov 2025 12:23

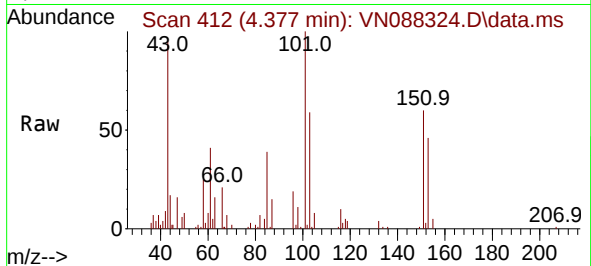
Tgt Ion: 74 Resp: 33564
Ion Ratio Lower Upper
74 100
45 100.6 20.9 187.7





#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 20.184 ug/l
 RT: 4.377 min Scan# 411
 Delta R.T. 0.006 min
 Lab File: VN088324.D
 Acq: 20 Nov 2025 12:23

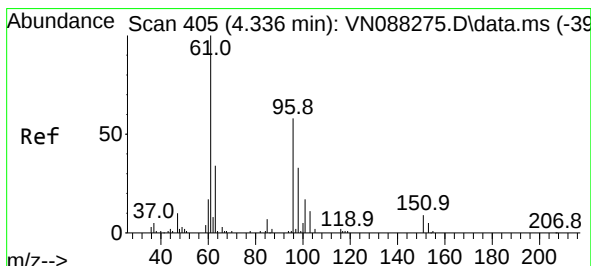
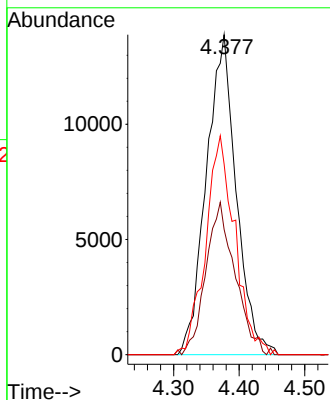
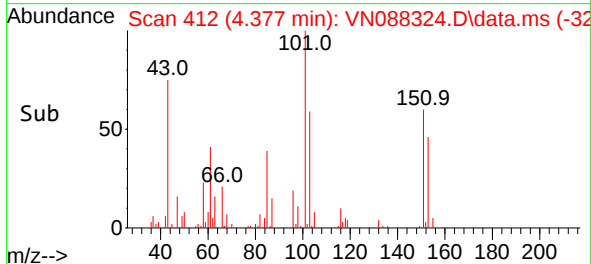
Instrument :
 MSVOA_N
 ClientSampleId :
 OUTFALL-DSN-001MS



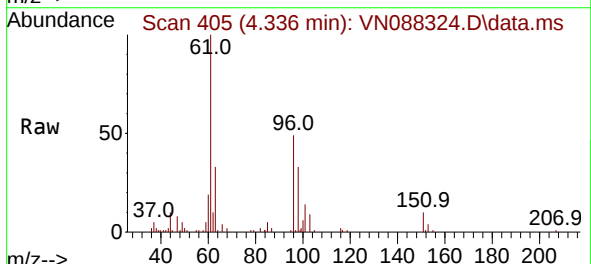
Tgt Ion:101 Resp: 44092
 Ion Ratio Lower Upper
 101 100
 85 45.5 0.0 100.8
 151 66.2 0.0 138.4

Manual Integrations
 APPROVED

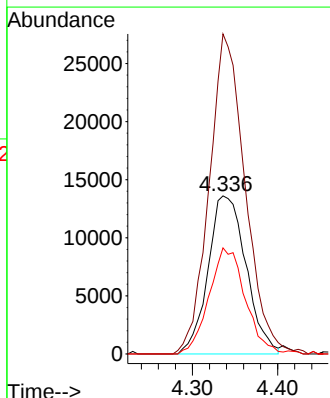
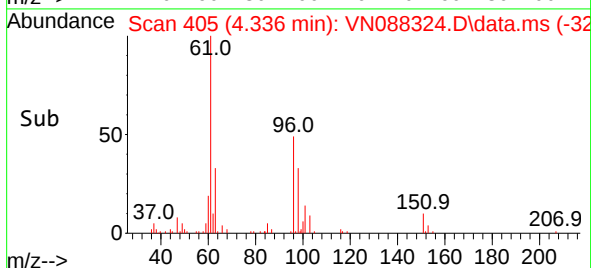
Reviewed By :John Carlone 11/21/2025
 Supervised By :Semsettin Yesilyurt 11/21/2025

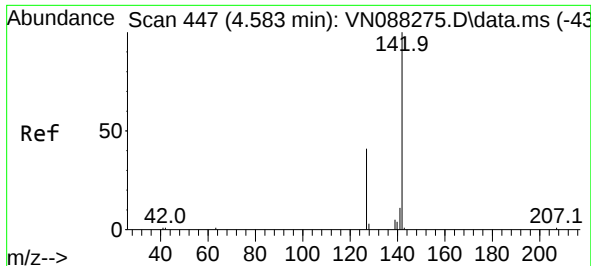


#10
 1,1-Dichloroethene
 Concen: 19.765 ug/l
 RT: 4.336 min Scan# 405
 Delta R.T. 0.000 min
 Lab File: VN088324.D
 Acq: 20 Nov 2025 12:23



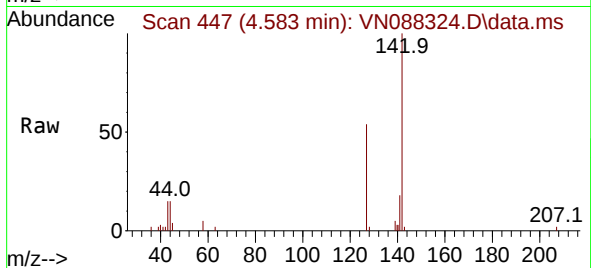
Tgt Ion: 96 Resp: 42121
 Ion Ratio Lower Upper
 96 100
 61 200.2 137.8 206.8
 98 67.1 45.6 68.4





#11
Methyl Iodide
Concen: 15.017 ug/l
RT: 4.583 min Scan# 447
Delta R.T. 0.000 min
Lab File: VN088324.D
Acq: 20 Nov 2025 12:23

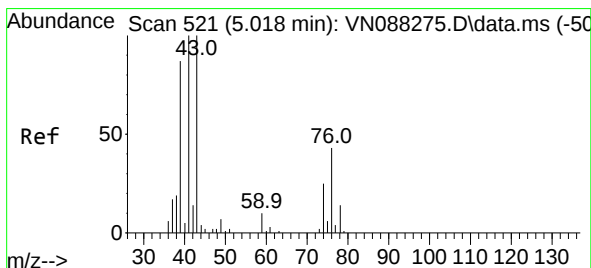
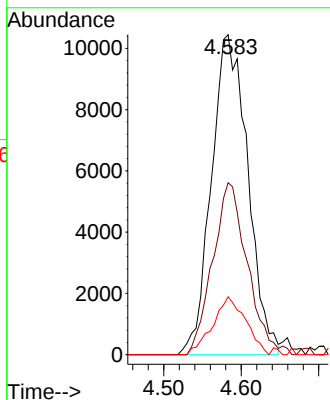
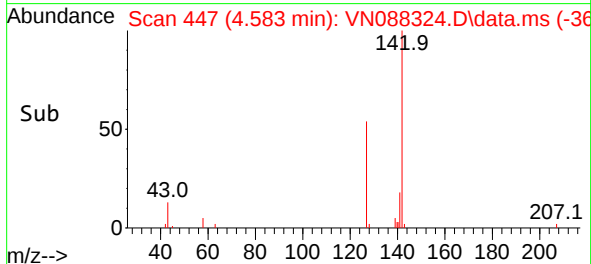
Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MS



Tgt Ion:142 Resp: 34059
Ion Ratio Lower Upper
142 100
127 53.6 20.4 61.2
141 17.6 5.6 16.8

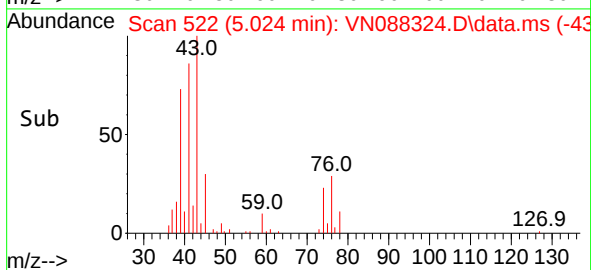
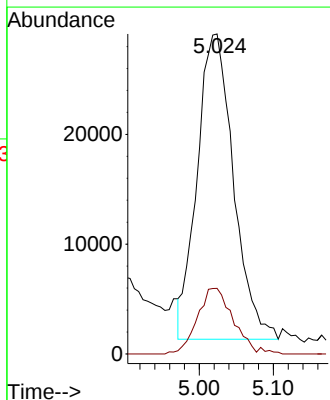
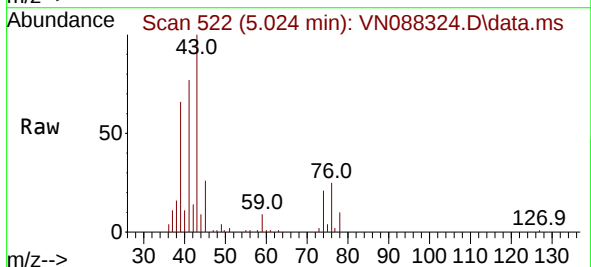
Manual Integrations
APPROVED

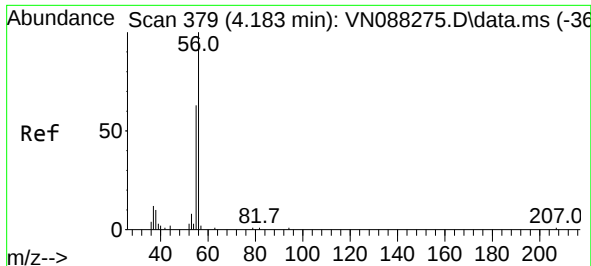
Reviewed By :John Carlone 11/21/2025
Supervised By :Semsettin Yesilyurt 11/21/2025



#12
Methyl Acetate
Concen: 27.534 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN088324.D
Acq: 20 Nov 2025 12:23

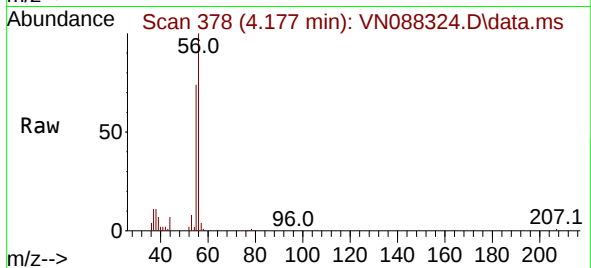
Tgt Ion: 43 Resp: 94664
Ion Ratio Lower Upper
43 100
74 22.1 19.8 29.8





#13
Acrolein
Concen: 236.923 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN088324.D
Acq: 20 Nov 2025 12:23

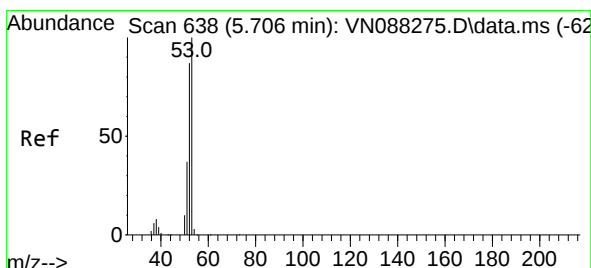
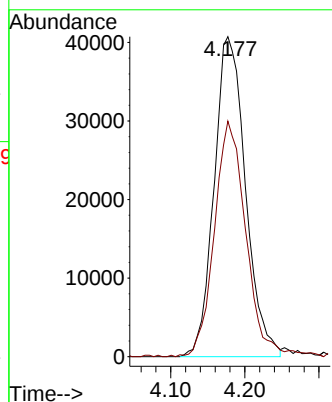
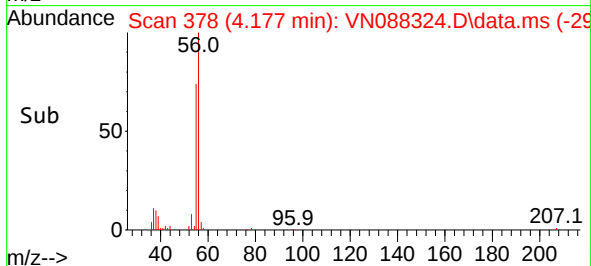
Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MS



Tgt Ion: 56 Resp: 119848
Ion Ratio Lower Upper
56 100
55 72.8 57.9 86.9

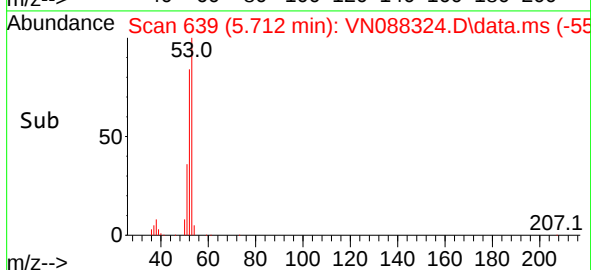
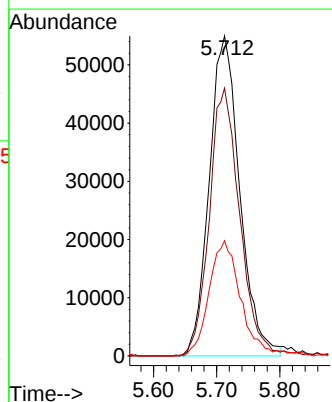
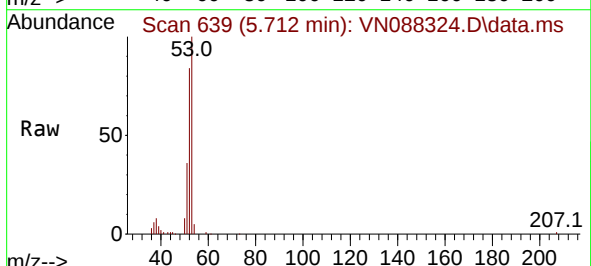
Manual Integrations
APPROVED

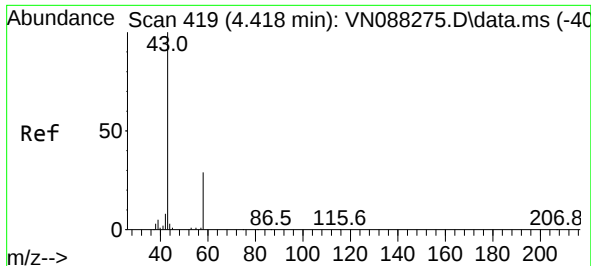
Reviewed By :John Carlone 11/21/2025
Supervised By :Semsettin Yesilyurt 11/21/2025



#14
Acrylonitrile
Concen: 118.352 ug/l
RT: 5.712 min Scan# 639
Delta R.T. 0.006 min
Lab File: VN088324.D
Acq: 20 Nov 2025 12:23

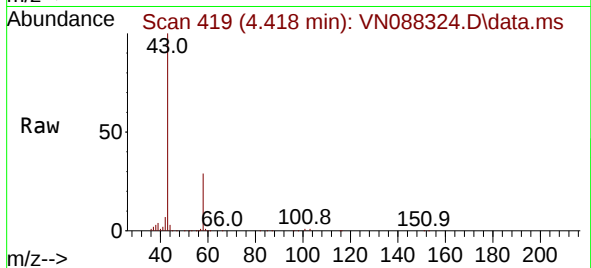
Tgt Ion: 53 Resp: 184899
Ion Ratio Lower Upper
53 100
52 82.6 42.3 126.9
51 36.5 18.4 55.2





#15
Acetone
Concen: 522.816 ug/l
RT: 4.418 min Scan# 419
Delta R.T. 0.000 min
Lab File: VN088324.D
Acq: 20 Nov 2025 12:23

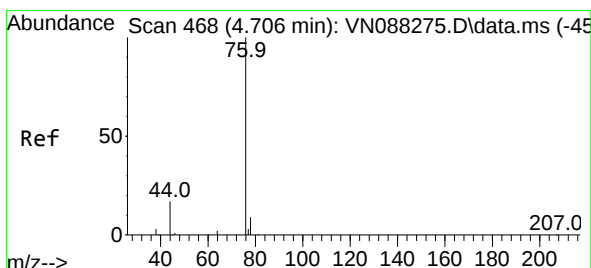
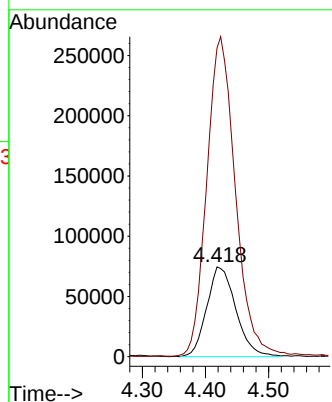
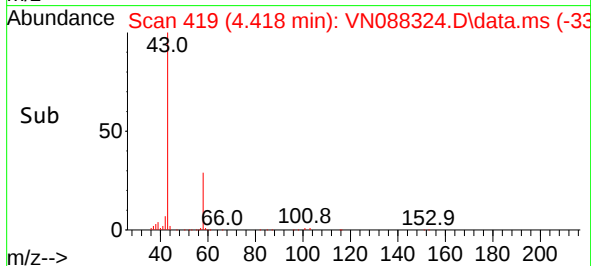
Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MS



Tgt Ion: 58 Resp: 238850
Ion Ratio Lower Upper
58 100
43 341.8 273.9 410.9

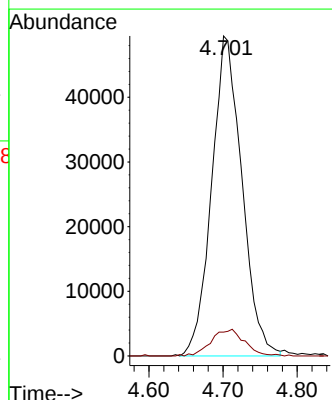
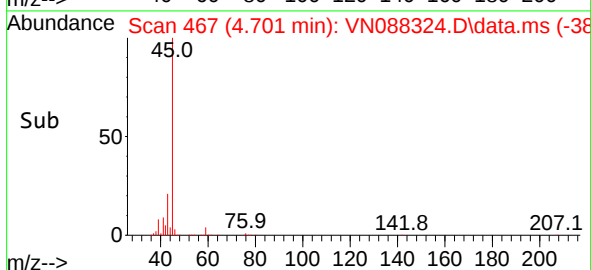
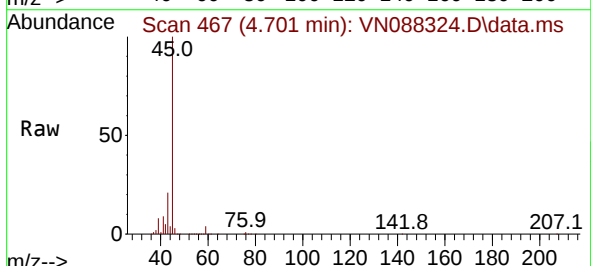
Manual Integrations
APPROVED

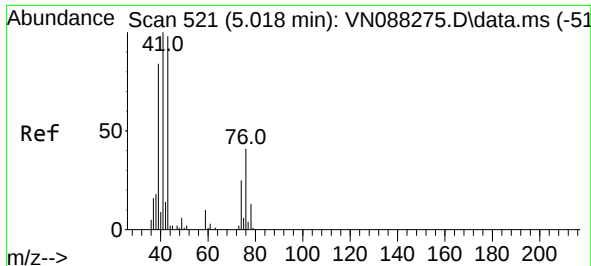
Reviewed By :John Carlone 11/21/2025
Supervised By :Semsettin Yesilyurt 11/21/2025



#16
Carbon Disulfide
Concen: 19.499 ug/l
RT: 4.701 min Scan# 467
Delta R.T. -0.006 min
Lab File: VN088324.D
Acq: 20 Nov 2025 12:23

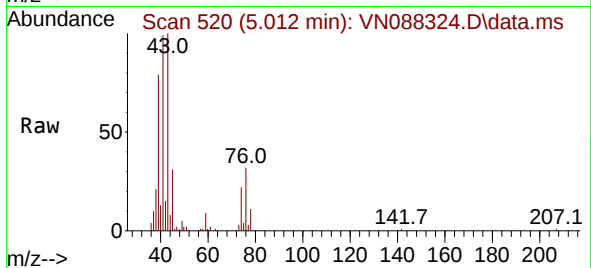
Tgt Ion: 76 Resp: 140148
Ion Ratio Lower Upper
76 100
78 7.2 7.5 11.3#





#17
 Allyl chloride
 Concen: 20.969 ug/l
 RT: 5.012 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VN088324.D
 Acq: 20 Nov 2025 12:23

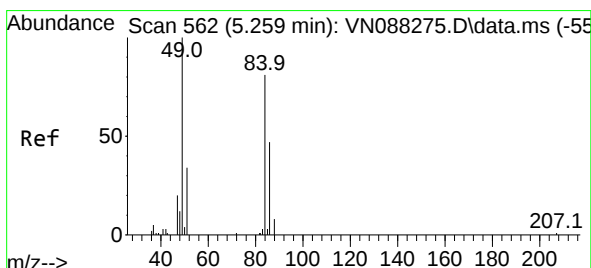
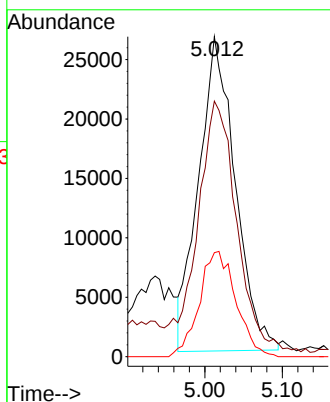
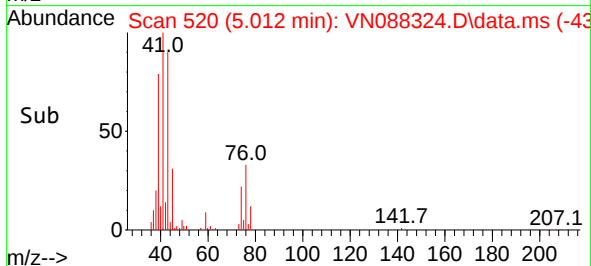
Instrument :
 MSVOA_N
 ClientSampleId :
 OUTFALL-DSN-001MS



Tgt Ion:	41	Resp:	8684
Ion Ratio	Lower	Upper	
41	100		
39	78.9	38.3	114.9
76	33.9	18.5	55.5

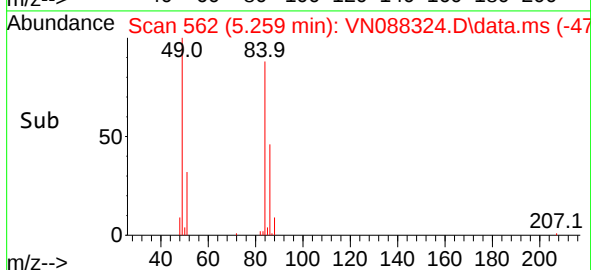
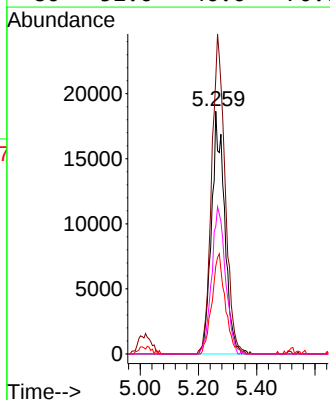
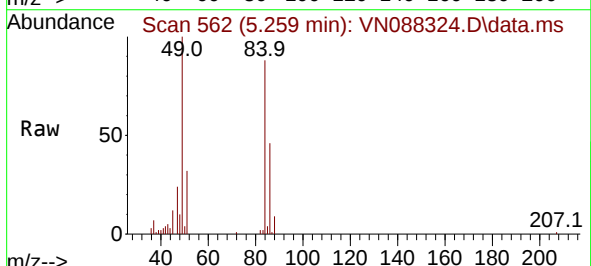
Manual Integrations
 APPROVED

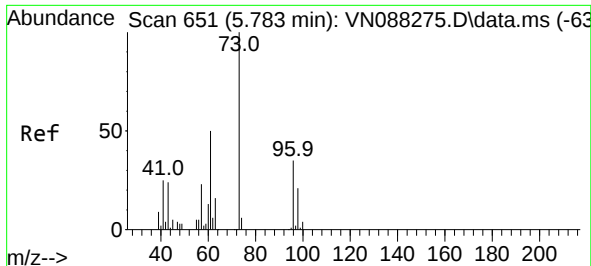
Reviewed By :John Carlone 11/21/2025
 Supervised By :Semsettin Yesilyurt 11/21/2025



#18
 Methylene Chloride
 Concen: 21.880 ug/l m
 RT: 5.259 min Scan# 562
 Delta R.T. 0.000 min
 Lab File: VN088324.D
 Acq: 20 Nov 2025 12:23

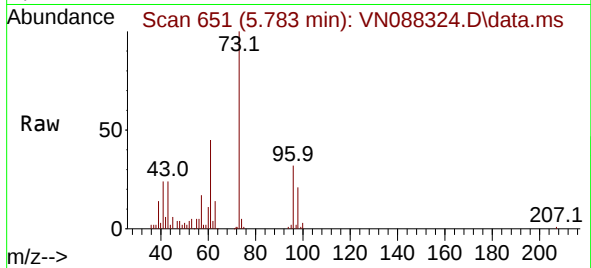
Tgt Ion:	84	Resp:	57960
Ion Ratio	Lower	Upper	
84	100		
49	113.9	98.7	148.1
51	36.3	33.7	50.5
86	52.6	46.6	70.0





#19
trans-1,2-Dichloroethene
Concen: 20.325 ug/l
RT: 5.783 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN088324.D
Acq: 20 Nov 2025 12:23

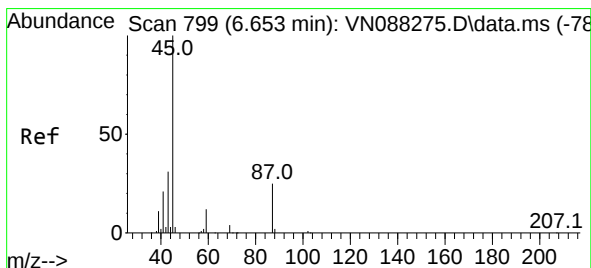
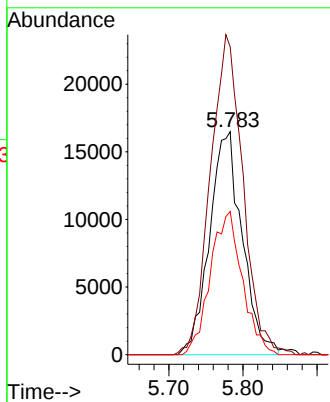
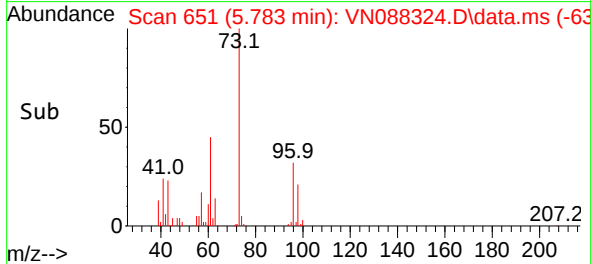
Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MS



Tgt Ion: 96 Resp: 50440
Ion Ratio Lower Upper
96 100
61 137.0 117.0 175.4
98 64.2 48.6 72.8

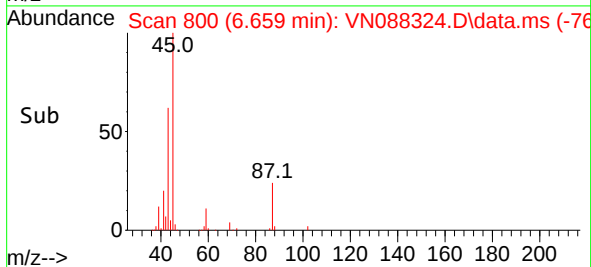
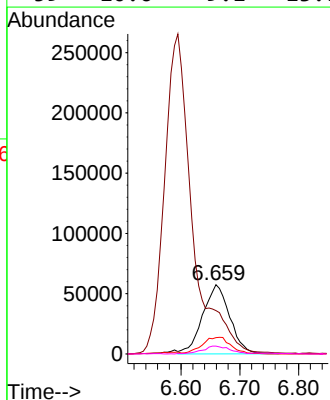
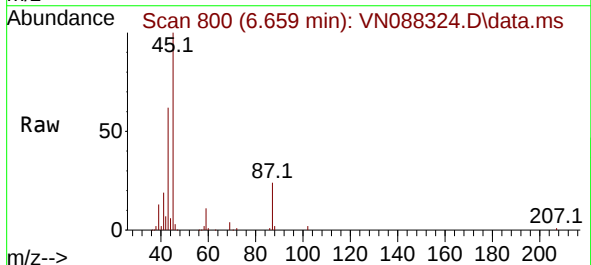
Manual Integrations
APPROVED

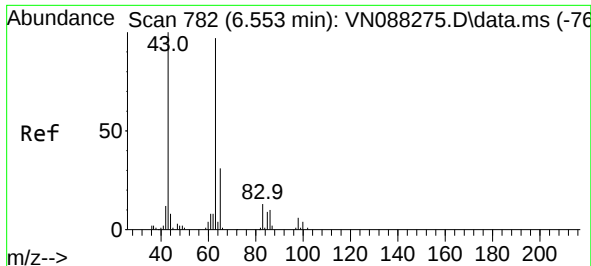
Reviewed By :John Carlone 11/21/2025
Supervised By :Semsettin Yesilyurt 11/21/2025



#20
Diisopropyl ether
Concen: 20.697 ug/l
RT: 6.659 min Scan# 800
Delta R.T. 0.006 min
Lab File: VN088324.D
Acq: 20 Nov 2025 12:23

Tgt Ion: 45 Resp: 183160
Ion Ratio Lower Upper
45 100
43 61.2 51.9 77.9
87 23.8 21.1 31.7
59 10.6 9.1 13.7





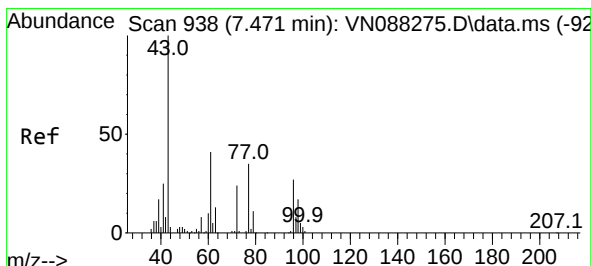
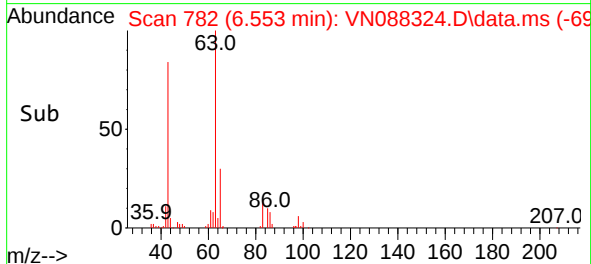
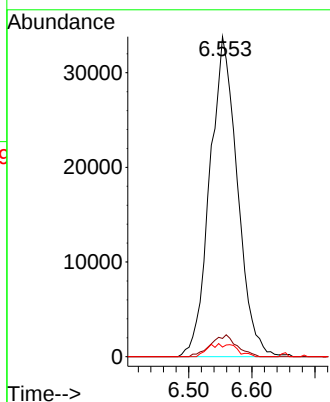
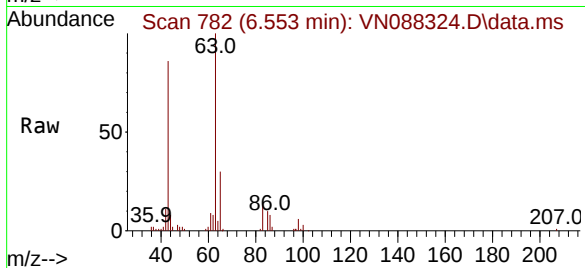
#21
1,1-Dichloroethane
Concen: 20.571 ug/l
RT: 6.553 min Scan# 782
Delta R.T. 0.000 min
Lab File: VN088324.D
Acq: 20 Nov 2025 12:23

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MS

Tgt Ion: 63 Resp: 102562
Ion Ratio Lower Upper
63 100
98 5.7 3.0 9.0
100 3.0 2.1 6.3

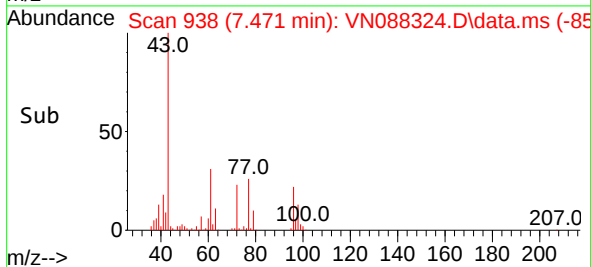
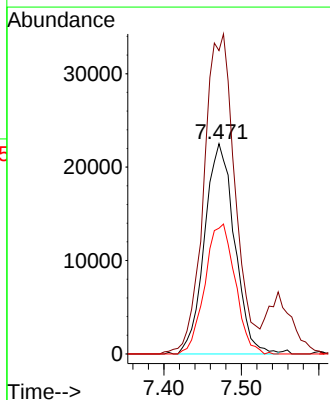
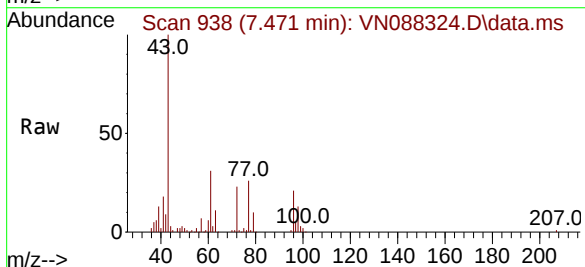
Manual Integrations
APPROVED

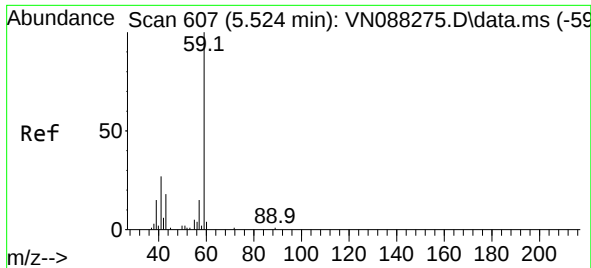
Reviewed By :John Carlone 11/21/2025
Supervised By :Semsettin Yesilyurt 11/21/2025



#22
cis-1,2-Dichloroethene
Concen: 21.006 ug/l
RT: 7.471 min Scan# 938
Delta R.T. 0.000 min
Lab File: VN088324.D
Acq: 20 Nov 2025 12:23

Tgt Ion: 96 Resp: 60588
Ion Ratio Lower Upper
96 100
61 158.1 131.2 196.8
98 62.0 51.0 76.4





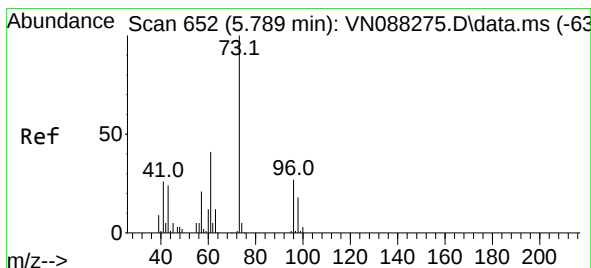
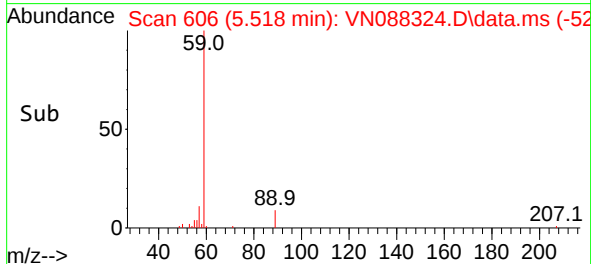
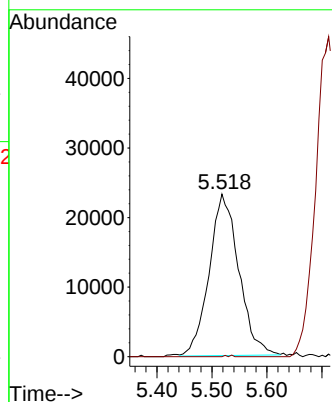
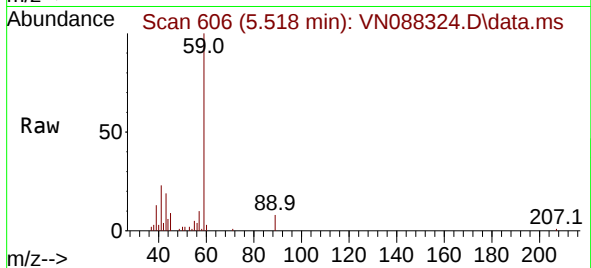
#23
 tert-Butyl Alcohol
 Concen: 151.276 ug/l
 RT: 5.518 min Scan# 606
 Delta R.T. -0.006 min
 Lab File: VN088324.D
 Acq: 20 Nov 2025 12:23

Instrument :
 MSVOA_N
 ClientSampleId :
 OUTFALL-DSN-001MS

Tgt Ion: 59 Resp: 86902
 Ion Ratio Lower Upper
 59 100
 52 0.1 0.0 0.0

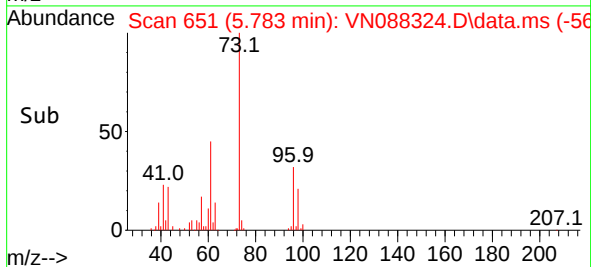
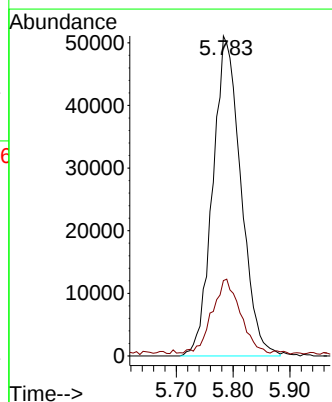
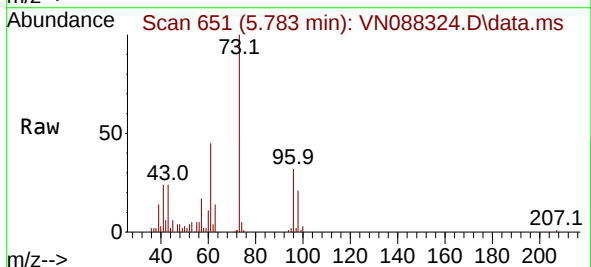
Manual Integrations
 APPROVED

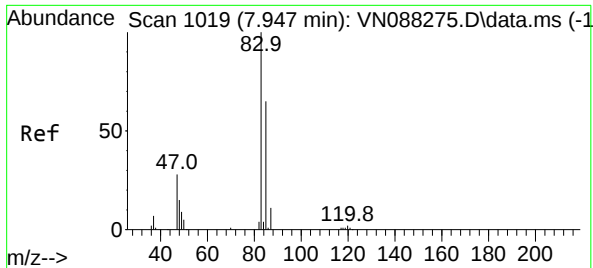
Reviewed By :John Carlone 11/21/2025
 Supervised By :Semsettin Yesilyurt 11/21/2025



#24
 Methyl tert-Butyl Ether
 Concen: 20.442 ug/l
 RT: 5.783 min Scan# 651
 Delta R.T. -0.006 min
 Lab File: VN088324.D
 Acq: 20 Nov 2025 12:23

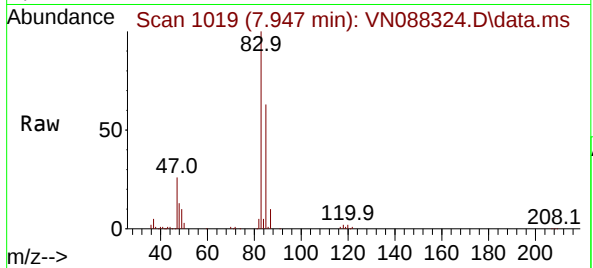
Tgt Ion: 73 Resp: 175652
 Ion Ratio Lower Upper
 73 100
 43 23.3 18.5 27.7





#25
Chloroform
Concen: 41.729 ug/l
RT: 7.947 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VN088324.D
Acq: 20 Nov 2025 12:23

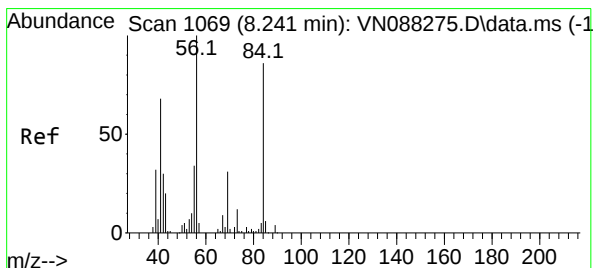
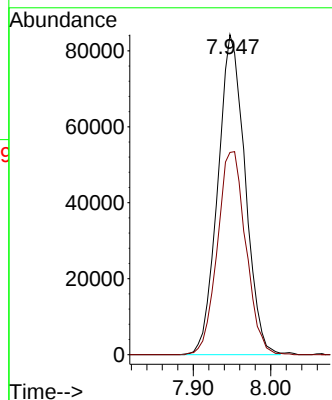
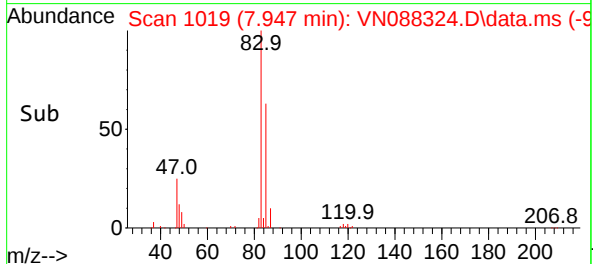
Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MS



Tgt Ion: 83 Resp: 206158
Ion Ratio Lower Upper
83 100
85 63.2 52.2 78.4

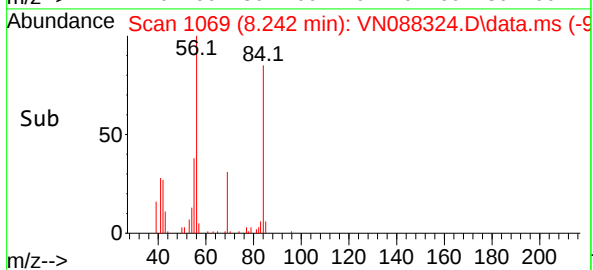
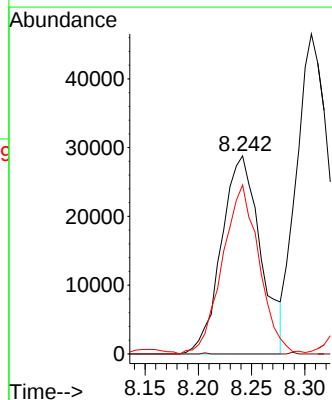
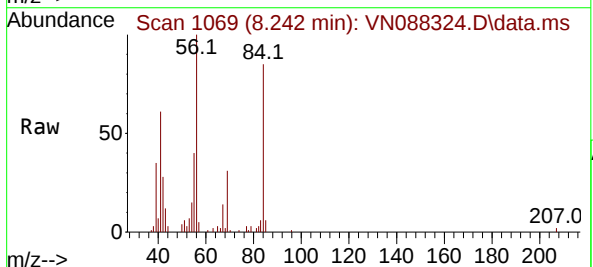
Manual Integrations
APPROVED

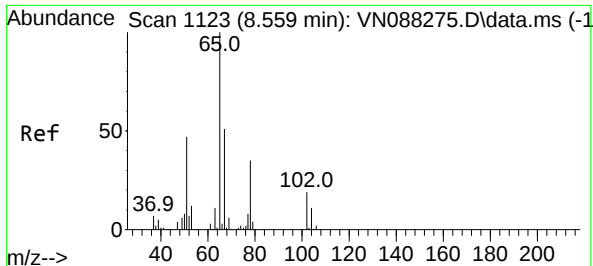
Reviewed By :John Carlone 11/21/2025
Supervised By :Semsettin Yesilyurt 11/21/2025



#26
Cyclohexane
Concen: 17.448 ug/l
RT: 8.242 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VN088324.D
Acq: 20 Nov 2025 12:23

Tgt Ion: 56 Resp: 73479
Ion Ratio Lower Upper
56 100
89 0.0 7.3 10.9#
84 80.0 67.8 101.8





#27

1,2-Dichloroethane-d4

Concen: 30.016 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. 0.000 min

Lab File: VN088324.D

Acq: 20 Nov 2025 12:23

Instrument :

MSVOA_N

ClientSampleId :

OUTFALL-DSN-001MS

Tgt Ion: 65 Resp: 106259

Ion Ratio Lower Upper

65 100

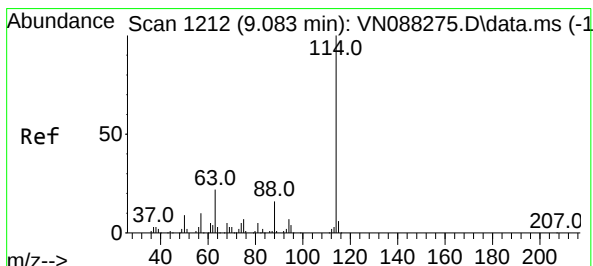
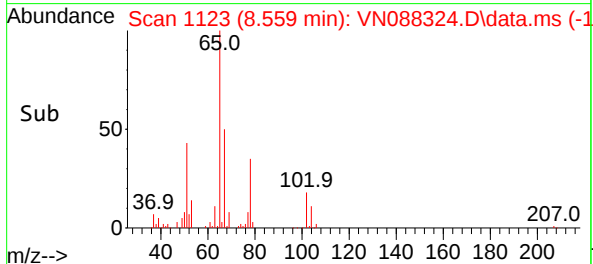
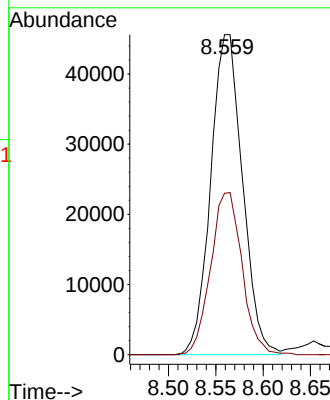
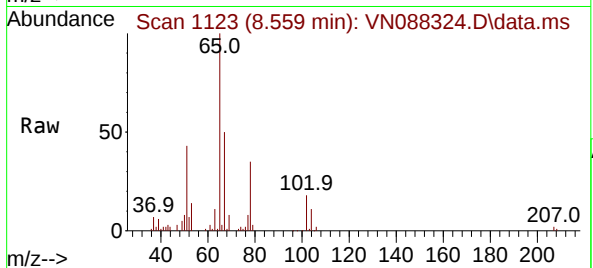
67 50.1 40.2 60.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/21/2025

Supervised By :Semsettin Yesilyurt 11/21/2025



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.083 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VN088324.D

Acq: 20 Nov 2025 12:23

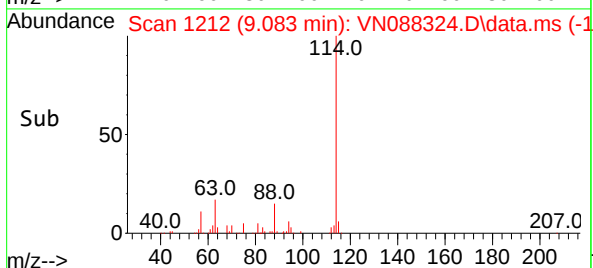
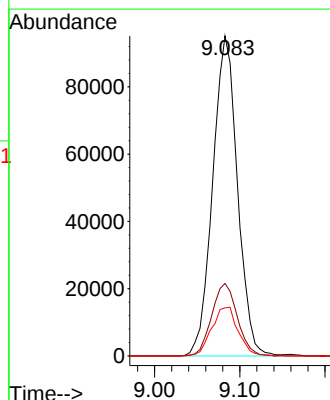
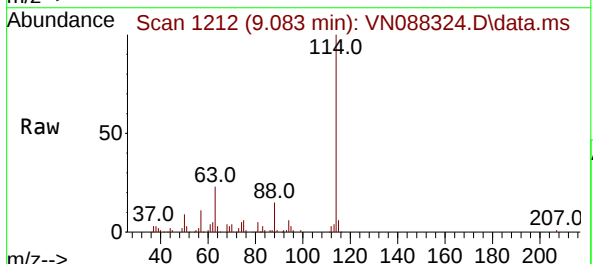
Tgt Ion:114 Resp: 192300

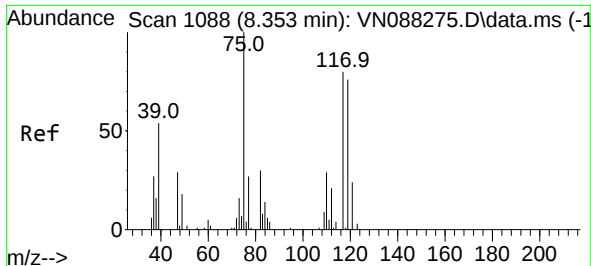
Ion Ratio Lower Upper

114 100

63 23.4 18.9 28.3

88 16.2 12.8 19.2





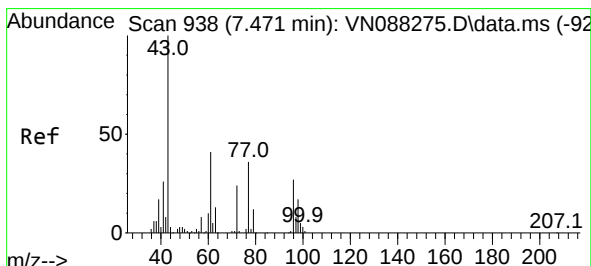
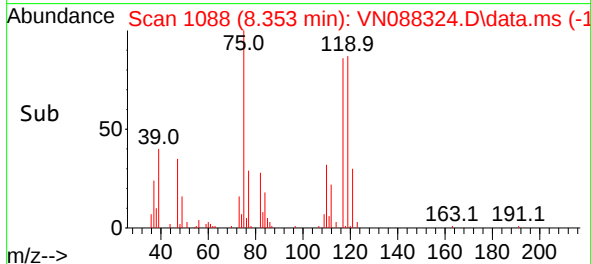
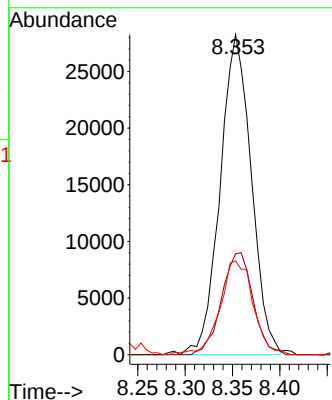
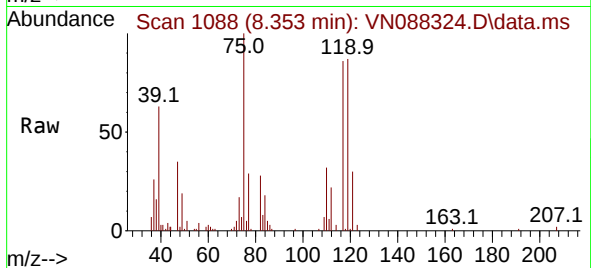
#29
1,1-Dichloropropene
Concen: 20.091 ug/l
RT: 8.353 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VN088324.D
Acq: 20 Nov 2025 12:23

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MS

Tgt Ion: 75 Resp: 6446
Ion Ratio Lower Upper
75 100
110 32.2 0.0 65.6
77 30.6 0.0 60.8

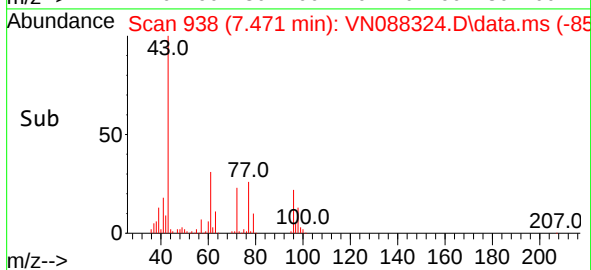
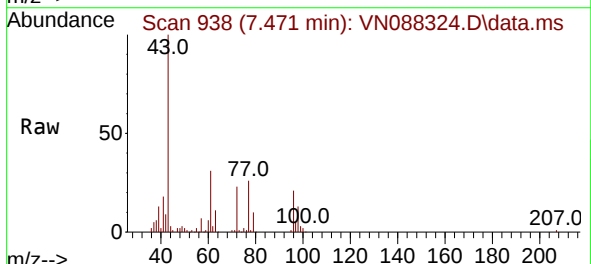
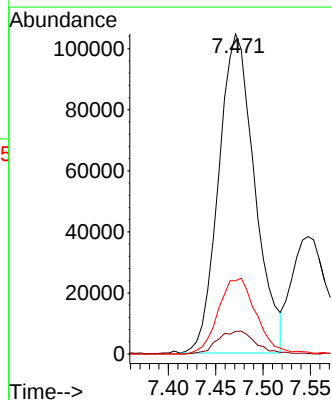
Manual Integrations
APPROVED

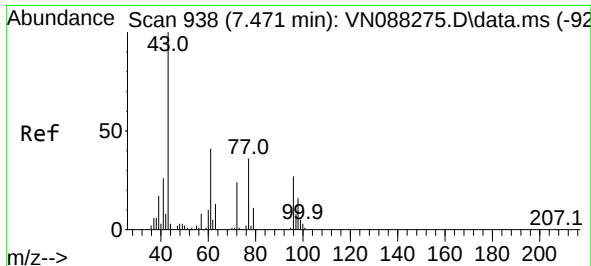
Reviewed By :John Carlone 11/21/2025
Supervised By :Semsettin Yesilyurt 11/21/2025



#30
2-Butanone
Concen: 133.772 ug/l
RT: 7.471 min Scan# 938
Delta R.T. 0.000 min
Lab File: VN088324.D
Acq: 20 Nov 2025 12:23

Tgt Ion: 43 Resp: 277648
Ion Ratio Lower Upper
43 100
57 7.5 6.2 9.4
72 24.6 19.4 29.2





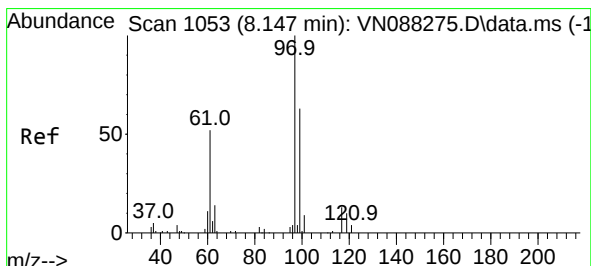
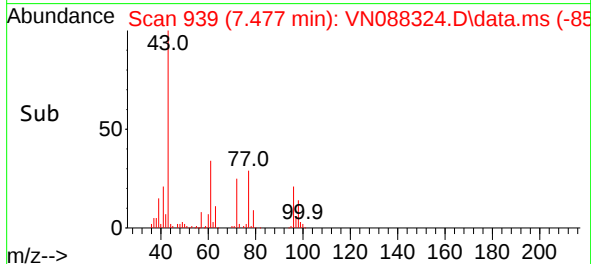
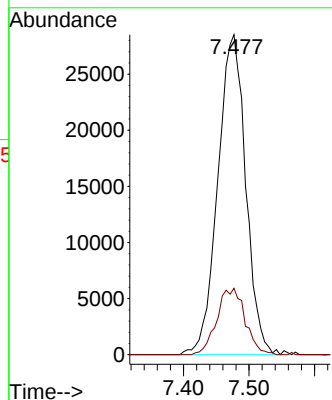
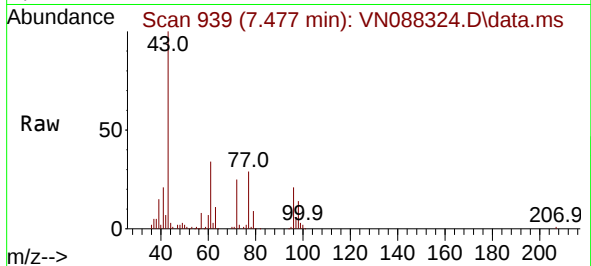
#31
2,2-Dichloropropane
Concen: 21.309 ug/l
RT: 7.477 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN088324.D
Acq: 20 Nov 2025 12:23

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MS

Tgt Ion: 77 Resp: 8433
Ion Ratio Lower Upper
77 100
97 10.9 16.8 25.2

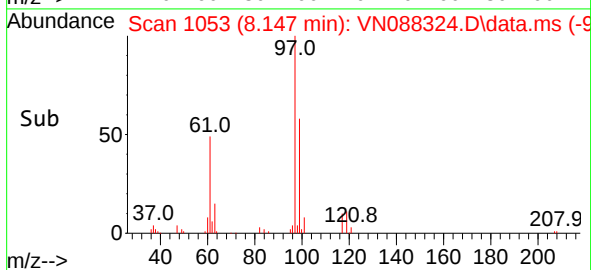
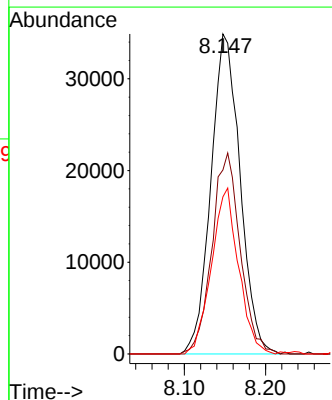
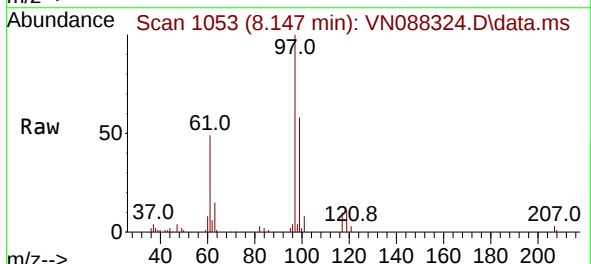
Manual Integrations
APPROVED

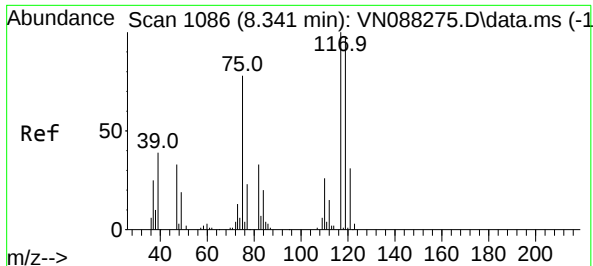
Reviewed By :John Carlone 11/21/2025
Supervised By :Semsettin Yesilyurt 11/21/2025



#32
1,1,1-Trichloroethane
Concen: 22.032 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VN088324.D
Acq: 20 Nov 2025 12:23

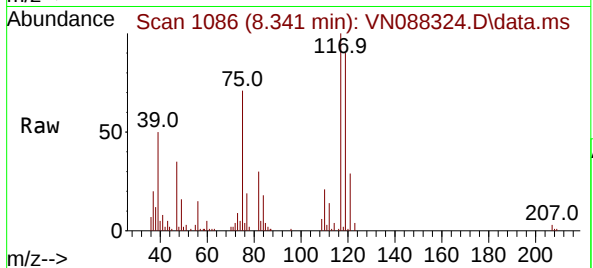
Tgt Ion: 97 Resp: 87147
Ion Ratio Lower Upper
97 100
99 60.8 50.2 75.4
61 48.2 39.8 59.8





#33
Carbon Tetrachloride
Concen: 21.047 ug/l
RT: 8.341 min Scan# 1086
Delta R.T. 0.000 min
Lab File: VN088324.D
Acq: 20 Nov 2025 12:23

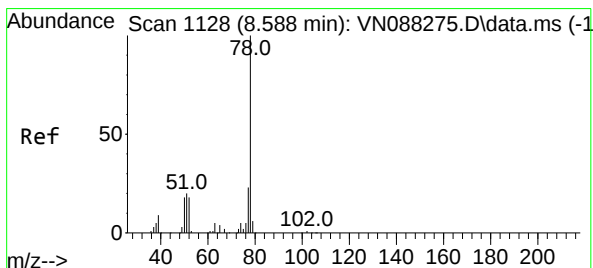
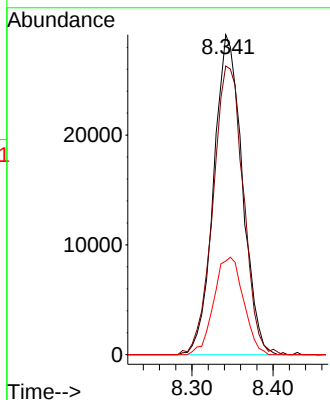
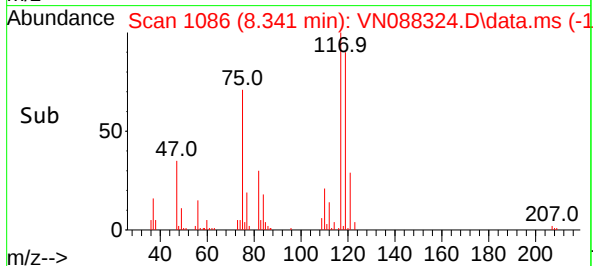
Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MS



Tgt Ion: 117 Resp: 71090
Ion Ratio Lower Upper
117 100
119 90.2 77.8 116.8
121 29.3 24.5 36.7

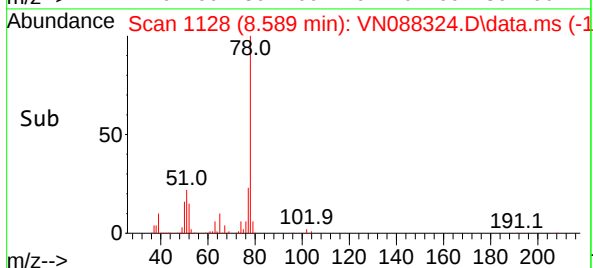
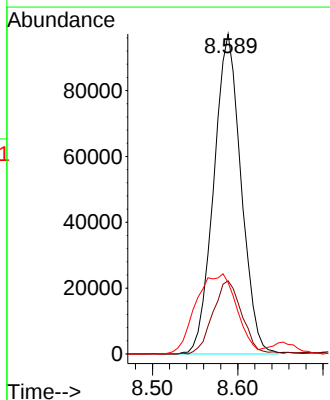
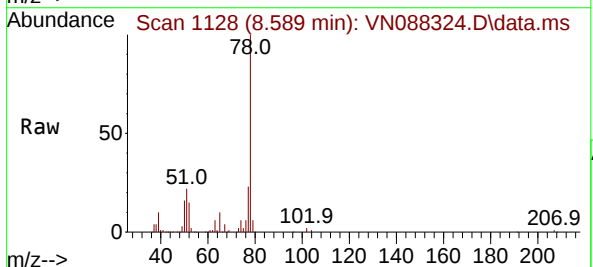
Manual Integrations
APPROVED

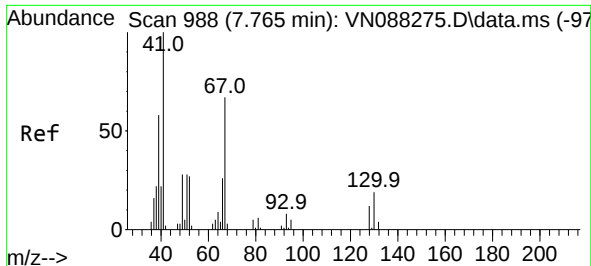
Reviewed By :John Carlone 11/21/2025
Supervised By :Semsettin Yesilyurt 11/21/2025



#34
Benzene
Concen: 22.578 ug/l
RT: 8.589 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VN088324.D
Acq: 20 Nov 2025 12:23

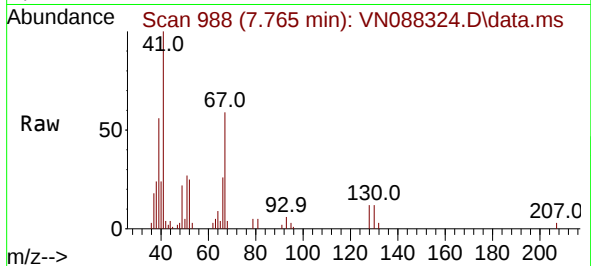
Tgt Ion: 78 Resp: 216537
Ion Ratio Lower Upper
78 100
77 22.8 18.6 27.8
51 20.4 15.8 23.8





#35
Methacrylonitrile
Concen: 24.722 ug/l
RT: 7.765 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN088324.D
Acq: 20 Nov 2025 12:23

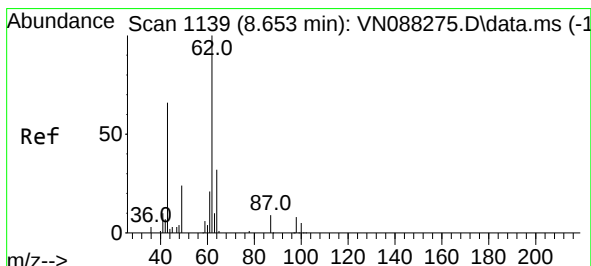
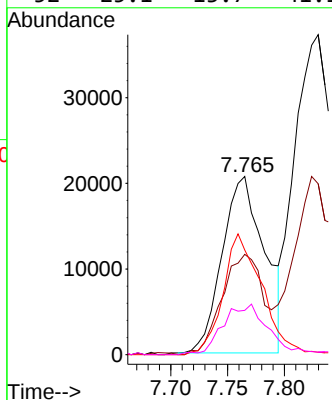
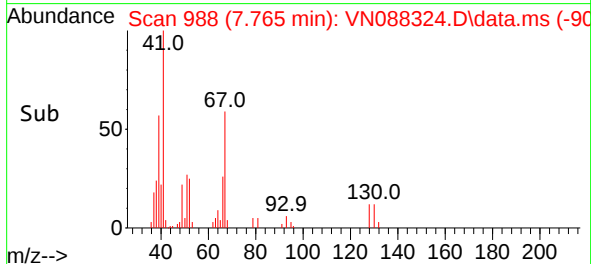
Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MS



Tgt Ion:	41	Resp:	5352
Ion Ratio	Lower	Upper	
41	100		
39	56.8	29.0	87.0
67	59.3	33.3	99.9
52	25.1	13.7	41.1

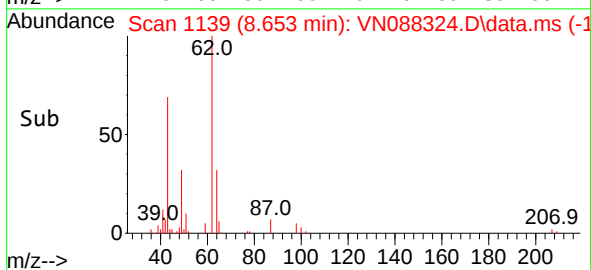
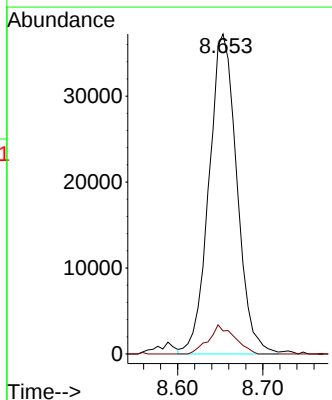
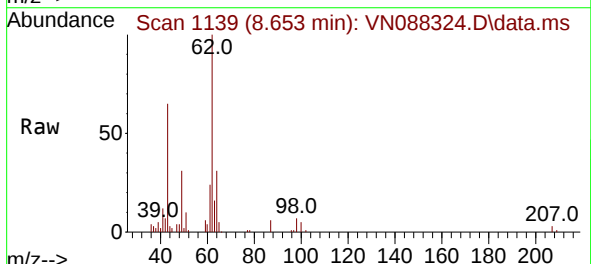
Manual Integrations
APPROVED

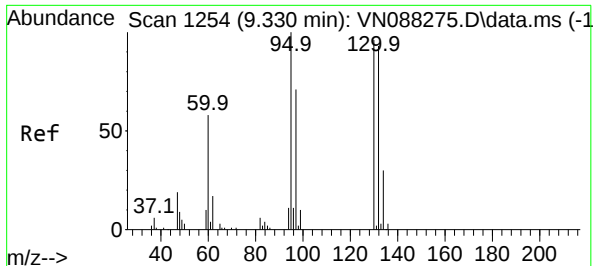
Reviewed By :John Carlone 11/21/2025
Supervised By :Semsettin Yesilyurt 11/21/2025



#36
1,2-Dichloroethane
Concen: 22.726 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. 0.000 min
Lab File: VN088324.D
Acq: 20 Nov 2025 12:23

Tgt Ion:	62	Resp:	84826
Ion Ratio	Lower	Upper	
62	100		
98	8.4	6.8	10.2





#37

Trichloroethene

Concen: 21.624 ug/l

RT: 9.330 min Scan# 1254

Delta R.T. 0.000 min

Lab File: VN088324.D

Acq: 20 Nov 2025 12:23

Instrument :

MSVOA_N

ClientSampleId :

OUTFALL-DSN-001MS

Tgt Ion:130 Resp: 4699

Ion Ratio Lower Upper

130 100

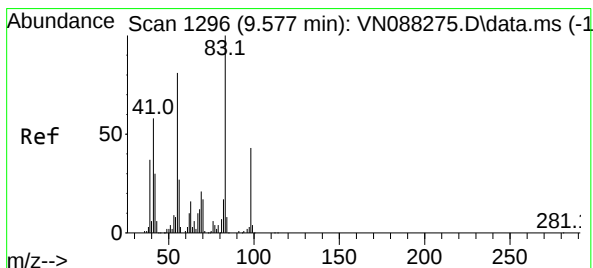
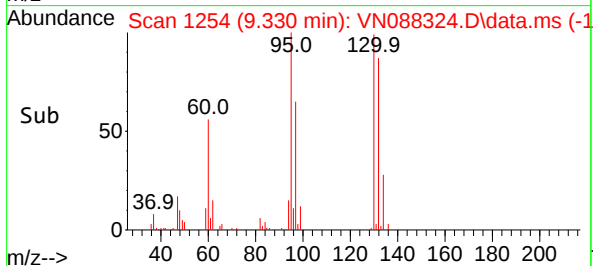
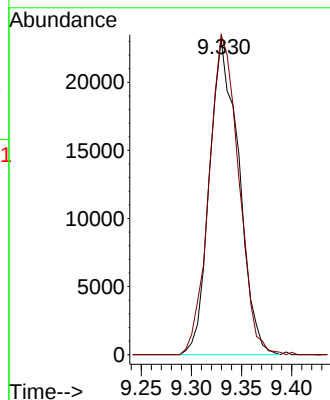
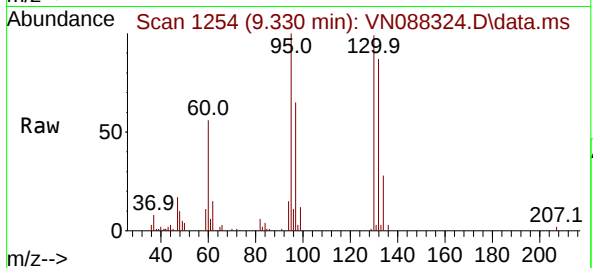
95 101.4 83.7 125.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/21/2025

Supervised By :Semsettin Yesilyurt 11/21/2025



#38

Methylcyclohexane

Concen: 17.831 ug/l

RT: 9.583 min Scan# 1297

Delta R.T. 0.006 min

Lab File: VN088324.D

Acq: 20 Nov 2025 12:23

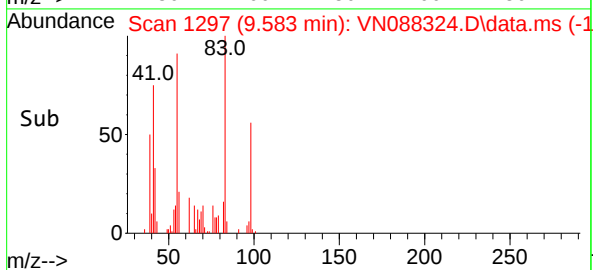
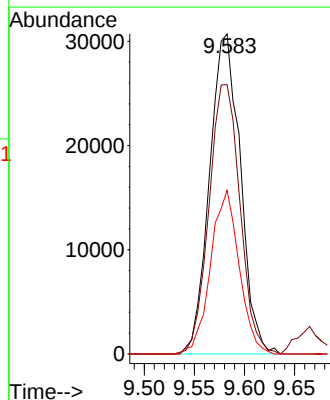
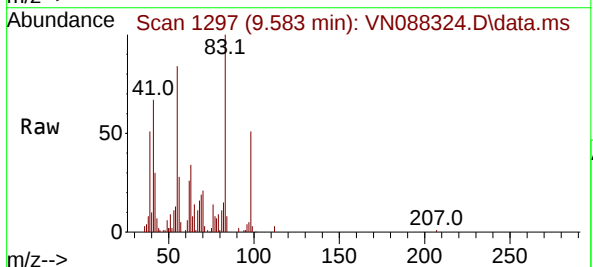
Tgt Ion: 83 Resp: 65591

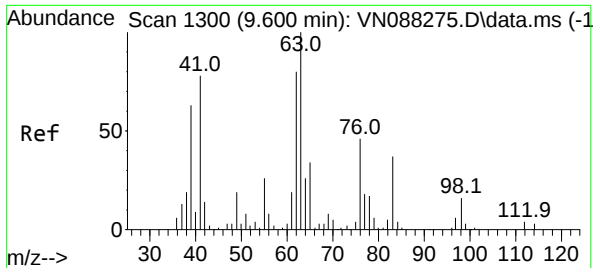
Ion Ratio Lower Upper

83 100

55 84.7 40.8 122.5

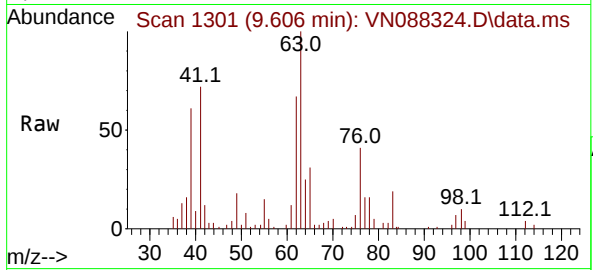
98 47.4 23.4 70.3





#39
1,2-Dichloropropane
Concen: 22.785 ug/l
RT: 9.606 min Scan# 1300
Delta R.T. 0.006 min
Lab File: VN088324.D
Acq: 20 Nov 2025 12:23

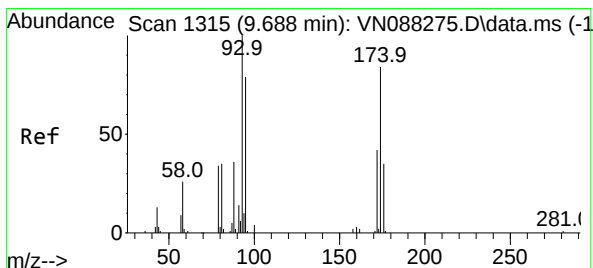
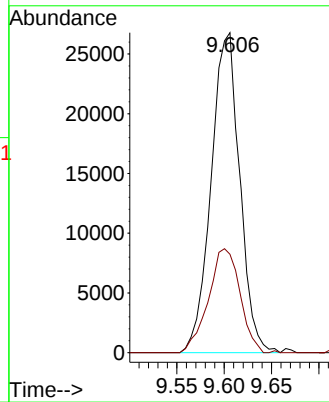
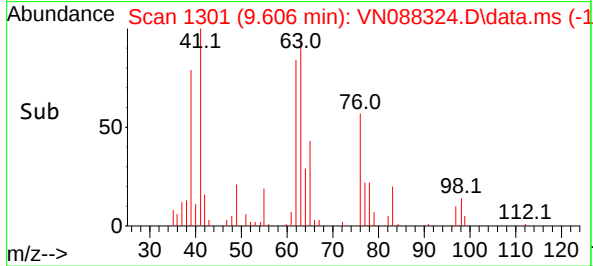
Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MS



Tgt Ion: 63 Resp: 56379
Ion Ratio Lower Upper
63 100
65 30.8 27.8 41.6

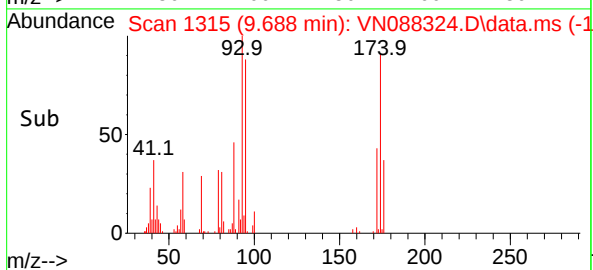
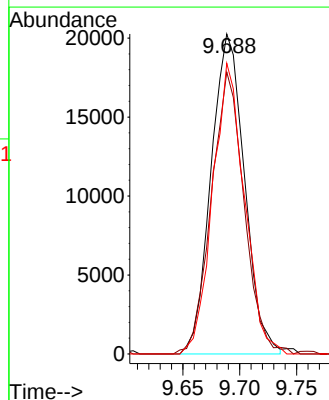
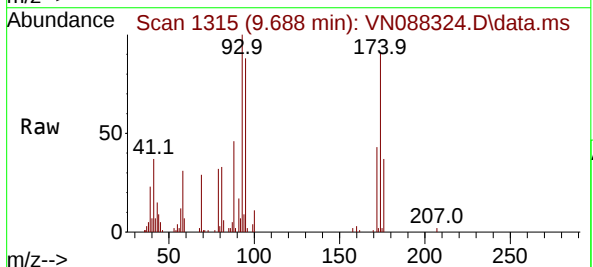
Manual Integrations
APPROVED

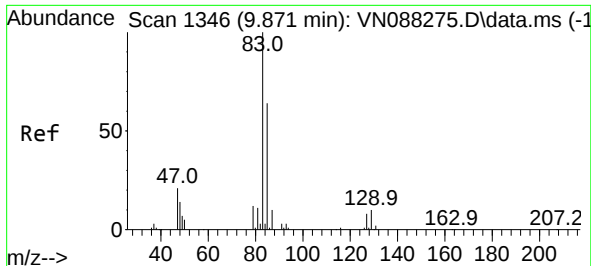
Reviewed By :John Carlone 11/21/2025
Supervised By :Semsettin Yesilyurt 11/21/2025



#40
Dibromomethane
Concen: 23.317 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN088324.D
Acq: 20 Nov 2025 12:23

Tgt Ion: 93 Resp: 41453
Ion Ratio Lower Upper
93 100
95 85.7 0.0 161.6
174 86.2 0.0 158.2





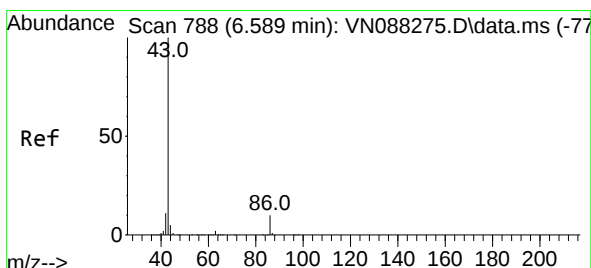
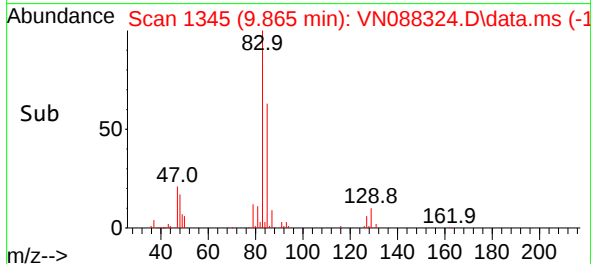
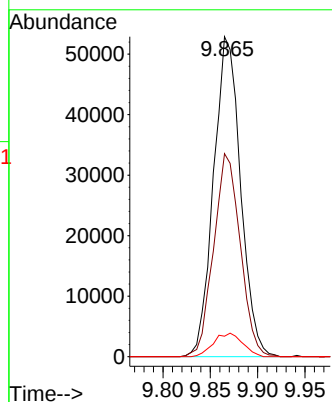
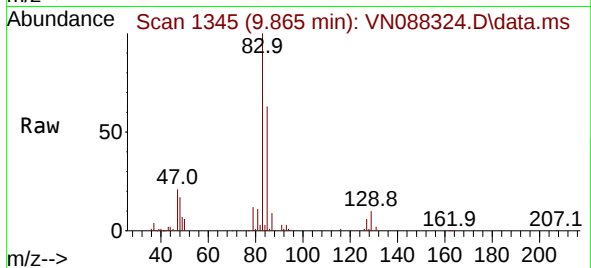
#41
Bromodichloromethane
Concen: 29.316 ug/l
RT: 9.865 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN088324.D
Acq: 20 Nov 2025 12:23

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MS

Tgt Ion: 83 Resp: 10491
Ion Ratio Lower Upper
83 100
85 63.5 51.4 77.2
127 6.4 6.4 9.6

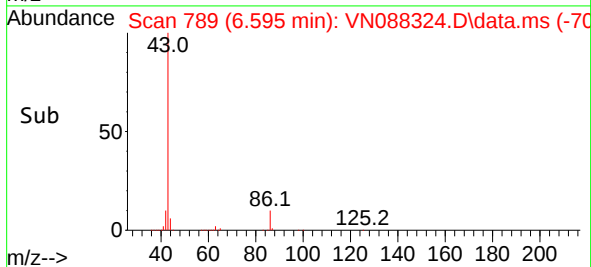
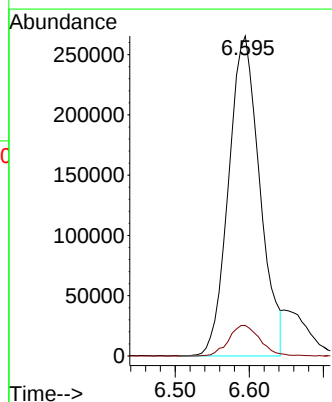
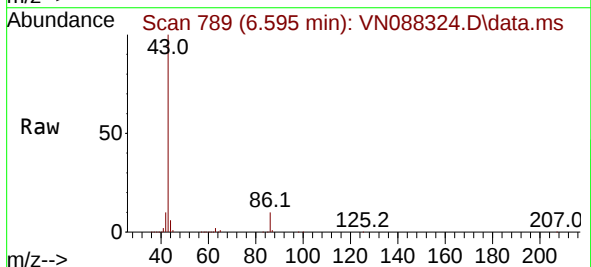
Manual Integrations
APPROVED

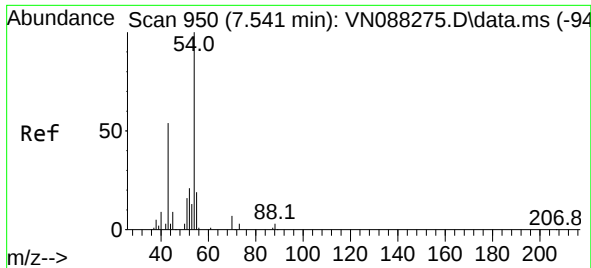
Reviewed By :John Carlone 11/21/2025
Supervised By :Semsettin Yesilyurt 11/21/2025



#42
Vinyl Acetate
Concen: 112.193 ug/l
RT: 6.595 min Scan# 789
Delta R.T. 0.006 min
Lab File: VN088324.D
Acq: 20 Nov 2025 12:23

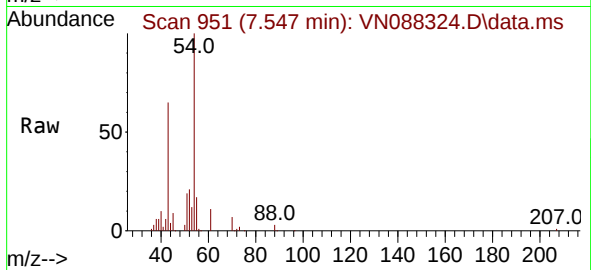
Tgt Ion: 43 Resp: 777197
Ion Ratio Lower Upper
43 100
86 9.5 7.4 11.2





#43
Ethyl Acetate
Concen: 21.706 ug/l
RT: 7.547 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN088324.D
Acq: 20 Nov 2025 12:23

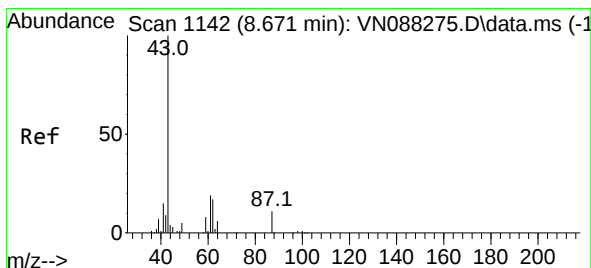
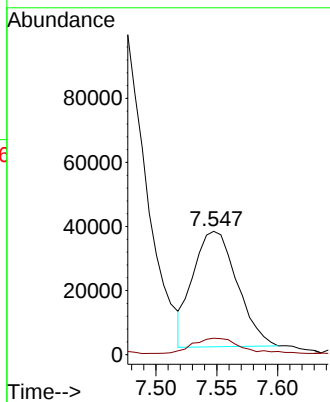
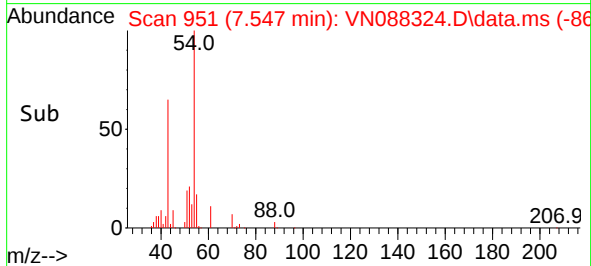
Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MS



Tgt Ion: 43 Resp: 90640
Ion Ratio Lower Upper
43 100
45 13.3 9.9 14.9

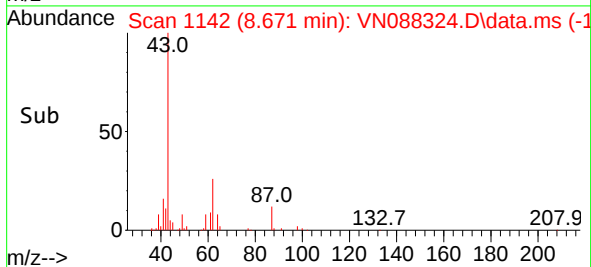
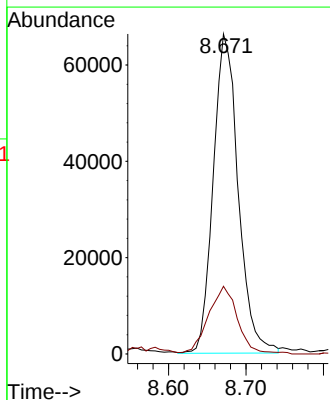
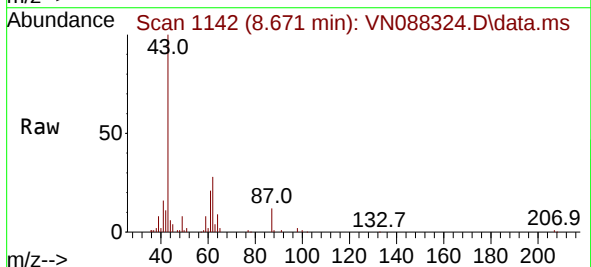
Manual Integrations
APPROVED

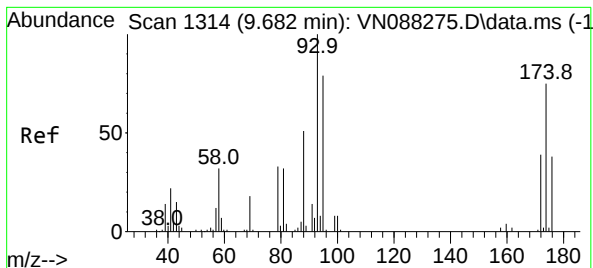
Reviewed By :John Carlone 11/21/2025
Supervised By :Semsettin Yesilyurt 11/21/2025



#44
Isopropyl Acetate
Concen: 23.089 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN088324.D
Acq: 20 Nov 2025 12:23

Tgt Ion: 43 Resp: 148594
Ion Ratio Lower Upper
43 100
61 23.6 19.0 28.6





#45

1,4-Dioxane

Concen: 645.707 ug/l

RT: 9.677 min Scan# 1313

Delta R.T. -0.006 min

Lab File: VN088324.D

Acq: 20 Nov 2025 12:23

Instrument :

MSVOA_N

ClientSampleId :

OUTFALL-DSN-001MS

Tgt Ion: 88 Resp: 2502

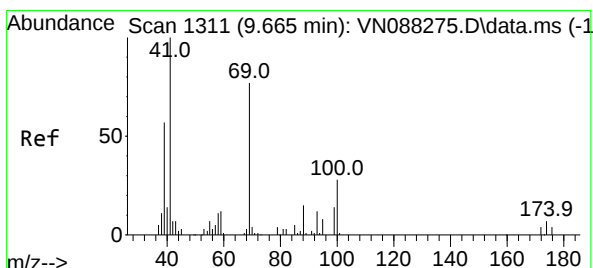
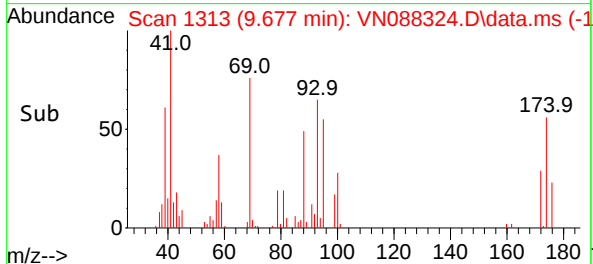
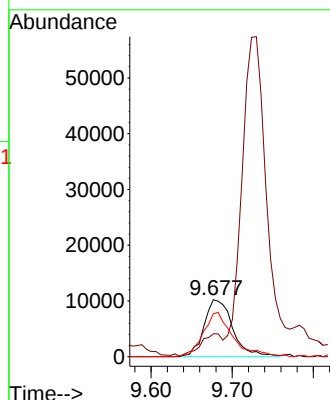
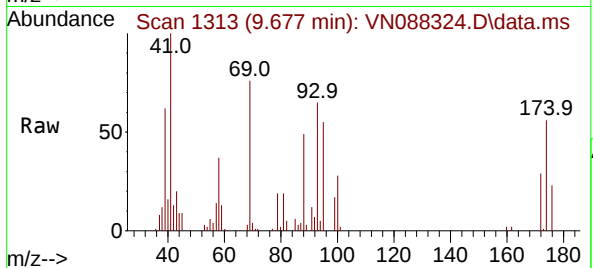
Ion	Ratio	Lower	Upper
88	100		
43	31.0	27.8	41.8
58	80.2	59.5	89.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/21/2025

Supervised By :Semsettin Yesilyurt 11/21/2025



#46

Methyl methacrylate

Concen: 22.291 ug/l

RT: 9.665 min Scan# 1311

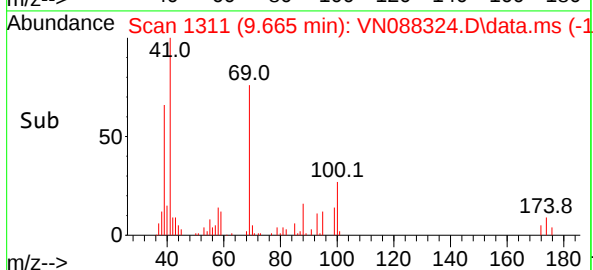
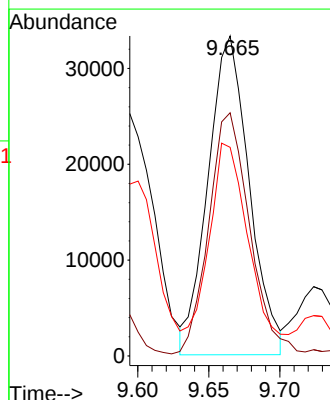
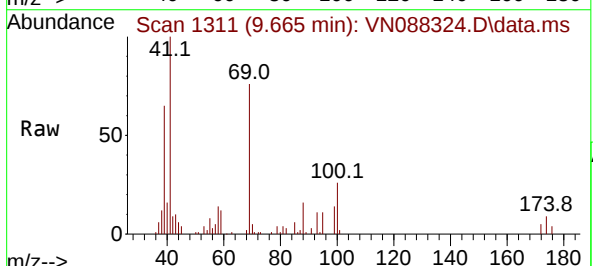
Delta R.T. 0.000 min

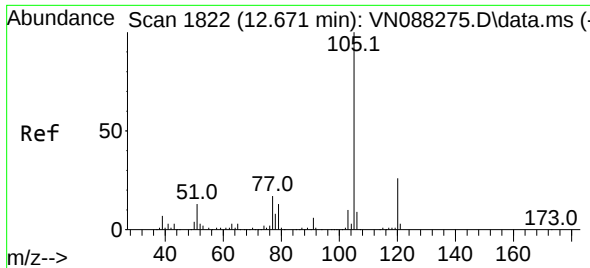
Lab File: VN088324.D

Acq: 20 Nov 2025 12:23

Tgt Ion: 41 Resp: 67131

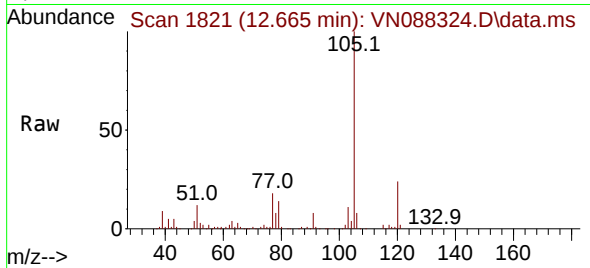
Ion	Ratio	Lower	Upper
41	100		
69	81.0	38.5	115.3
39	63.3	29.0	87.1





#47
n-amy1 Acetate
Concen: 22.901 ug/l m
RT: 12.665 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN088324.D
Acq: 20 Nov 2025 12:23

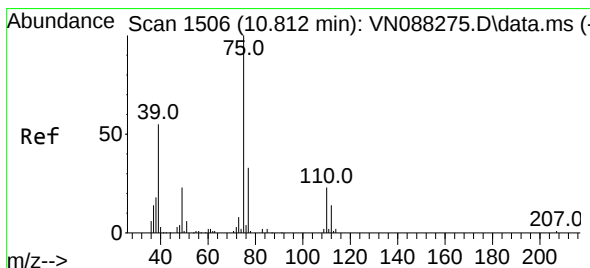
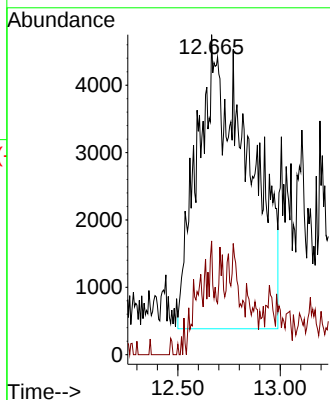
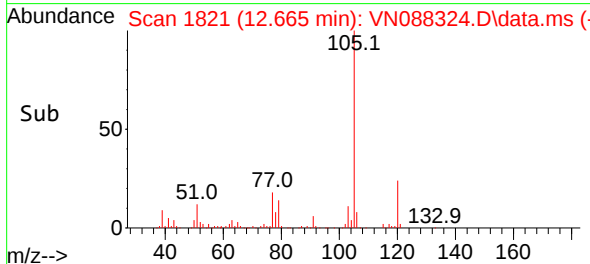
Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MS



Tgt Ion: 43 Resp: 7468
Ion Ratio Lower Upper
43 100
55 1.6 0.0 0.0

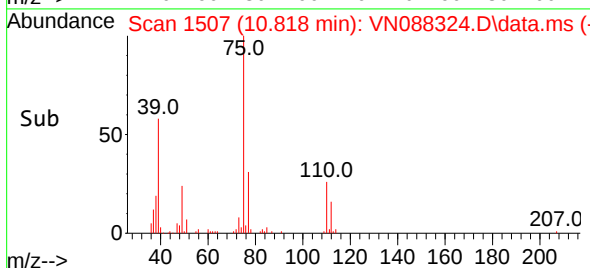
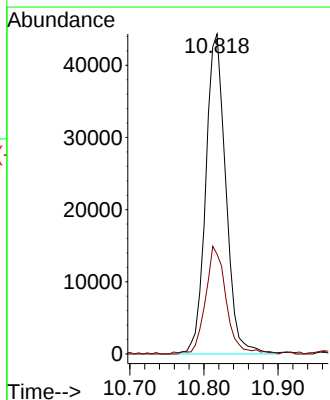
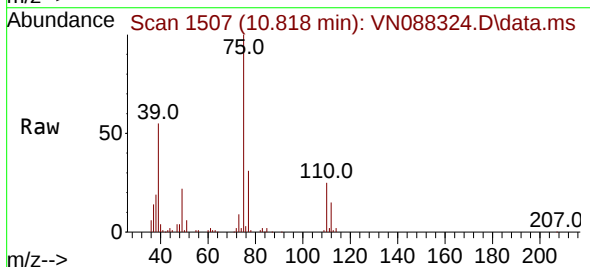
Manual Integrations
APPROVED

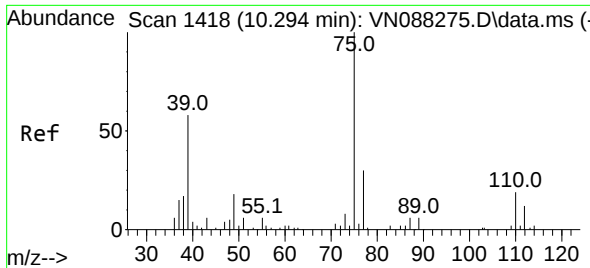
Reviewed By :John Carlone 11/21/2025
Supervised By :Semsettin Yesilyurt 11/21/2025



#48
t-1,3-Dichloropropene
Concen: 21.765 ug/l
RT: 10.818 min Scan# 1507
Delta R.T. 0.006 min
Lab File: VN088324.D
Acq: 20 Nov 2025 12:23

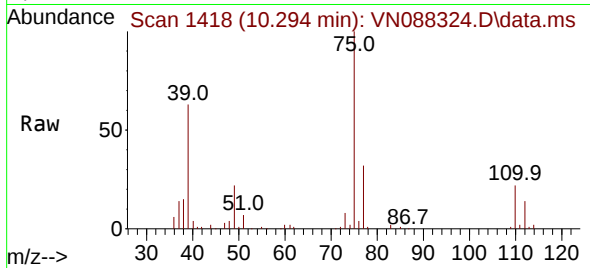
Tgt Ion: 75 Resp: 83315
Ion Ratio Lower Upper
75 100
77 30.7 26.1 39.1





#49
 cis-1,3-Dichloropropene
 Concen: 21.515 ug/l
 RT: 10.294 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VN088324.D
 Acq: 20 Nov 2025 12:23

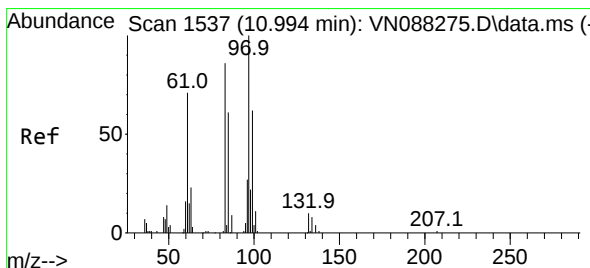
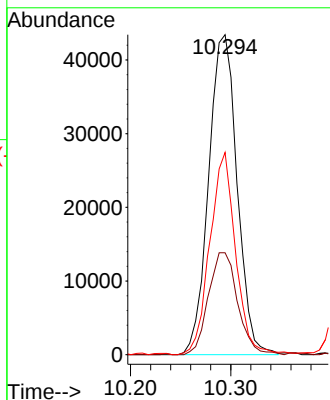
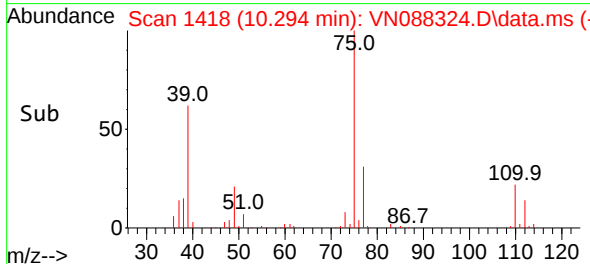
Instrument :
 MSVOA_N
 ClientSampleId :
 OUTFALL-DSN-001MS



Tgt Ion: 75 Resp: 8569
 Ion Ratio Lower Upper
 75 100
 77 31.9 24.4 36.6
 39 63.2 46.1 69.1

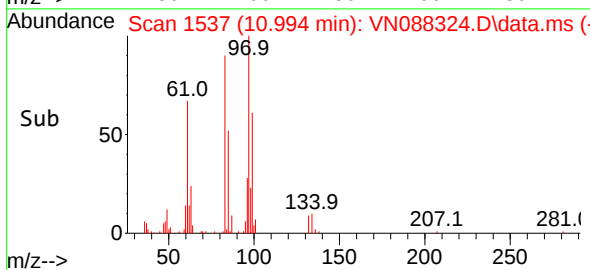
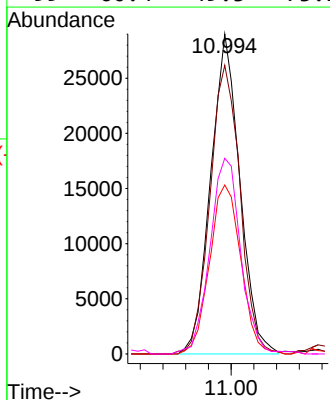
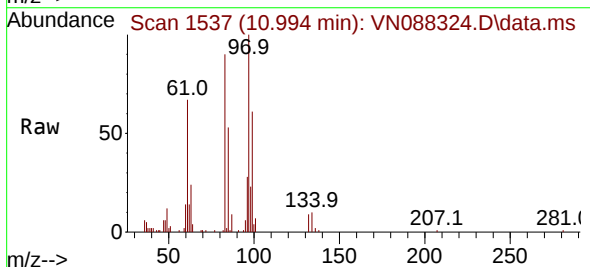
Manual Integrations
 APPROVED

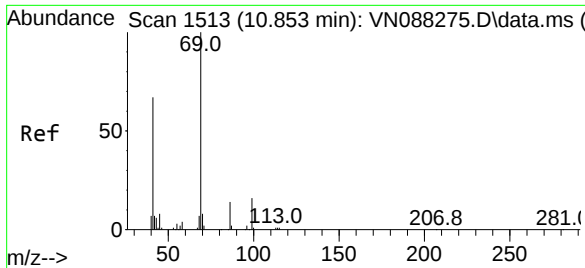
Reviewed By :John Carlone 11/21/2025
 Supervised By :Semsettin Yesilyurt 11/21/2025



#50
 1,1,2-Trichloroethane
 Concen: 23.562 ug/l
 RT: 10.994 min Scan# 1537
 Delta R.T. 0.000 min
 Lab File: VN088324.D
 Acq: 20 Nov 2025 12:23

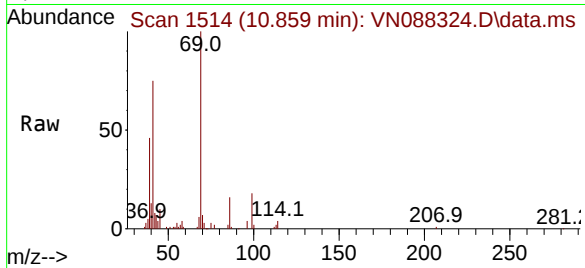
Tgt Ion: 97 Resp: 51796
 Ion Ratio Lower Upper
 97 100
 83 89.5 68.6 102.8
 85 52.8 49.0 73.6
 99 60.4 49.3 73.9





#51
Ethyl methacrylate
Concen: 19.750 ug/l
RT: 10.859 min Scan# 1514
Delta R.T. 0.006 min
Lab File: VN088324.D
Acq: 20 Nov 2025 12:23

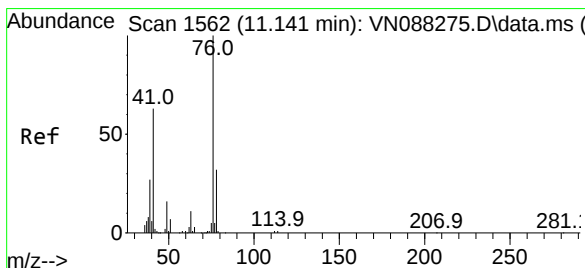
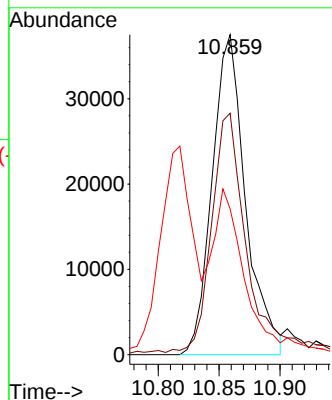
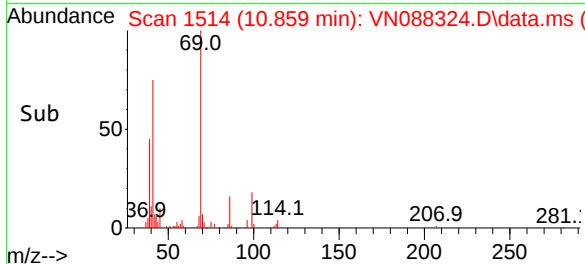
Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MS



Tgt Ion: 69 Resp: 71430
Ion Ratio Lower Upper
69 100
41 74.1 33.6 100.8
39 41.8 23.4 70.2

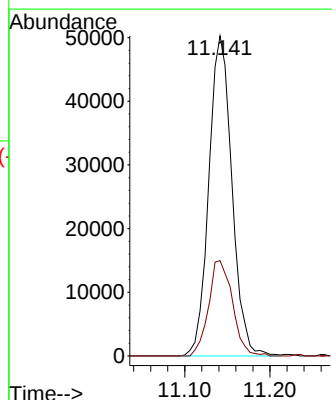
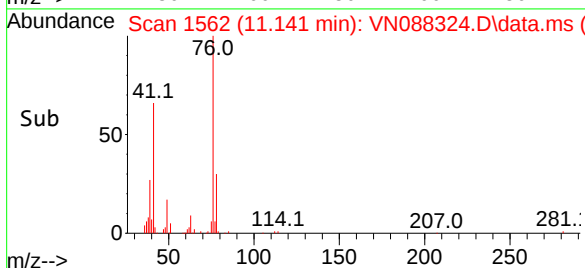
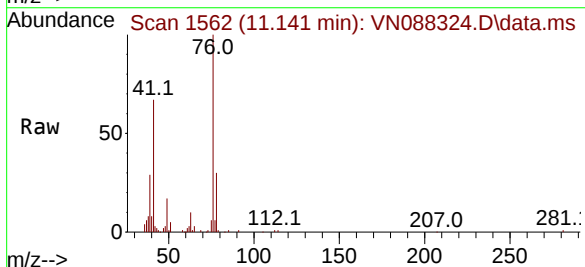
Manual Integrations
APPROVED

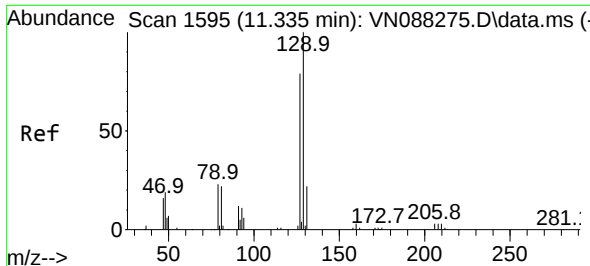
Reviewed By :John Carlone 11/21/2025
Supervised By :Semsettin Yesilyurt 11/21/2025



#52
1,3-Dichloropropane
Concen: 23.615 ug/l
RT: 11.141 min Scan# 1562
Delta R.T. 0.000 min
Lab File: VN088324.D
Acq: 20 Nov 2025 12:23

Tgt Ion: 76 Resp: 94543
Ion Ratio Lower Upper
76 100
78 30.7 0.0 64.2





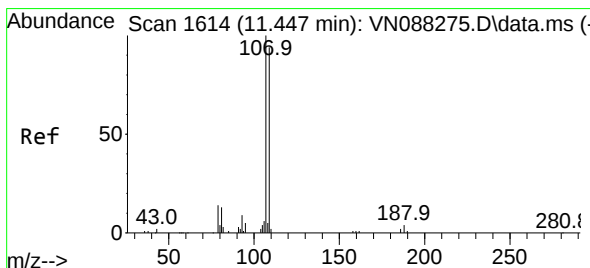
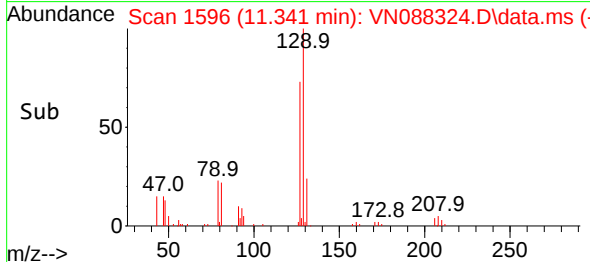
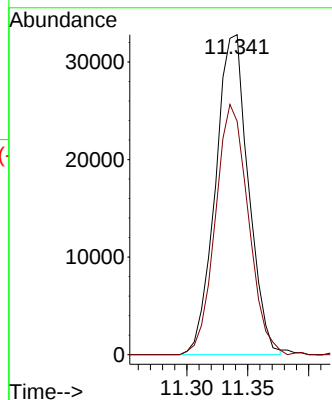
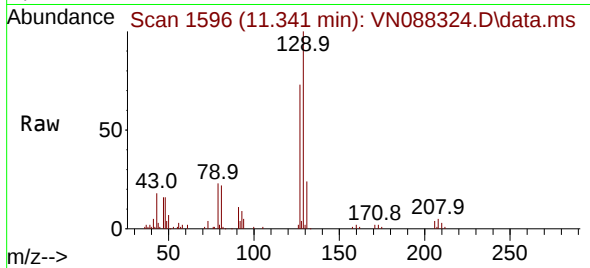
#53
Dibromochloromethane
Concen: 24.446 ug/l
RT: 11.341 min Scan# 1596
Delta R.T. 0.006 min
Lab File: VN088324.D
Acq: 20 Nov 2025 12:23

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MS

Tgt Ion:129 Resp: 61729
Ion Ratio Lower Upper
129 100
127 78.2 38.2 114.6

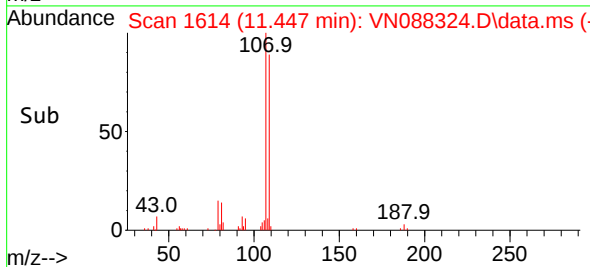
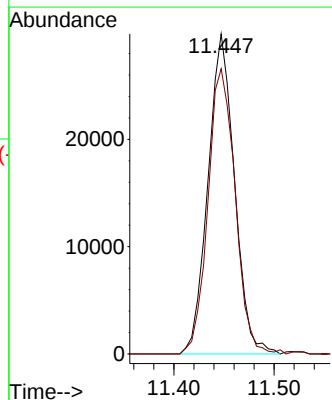
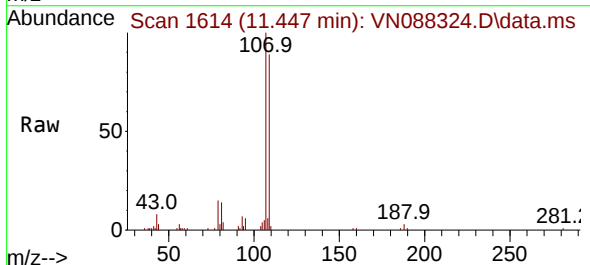
Manual Integrations
APPROVED

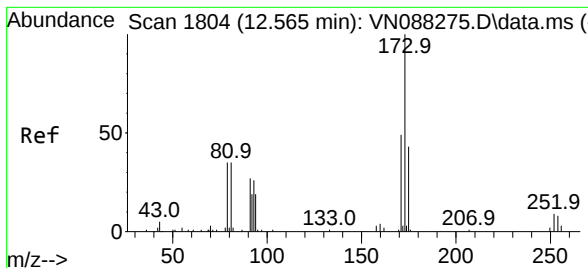
Reviewed By :John Carlone 11/21/2025
Supervised By :Semsettin Yesilyurt 11/21/2025



#54
1,2-Dibromoethane
Concen: 24.000 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VN088324.D
Acq: 20 Nov 2025 12:23

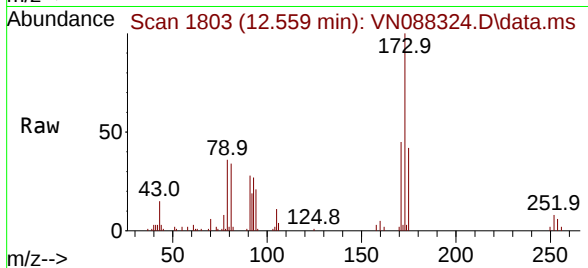
Tgt Ion:107 Resp: 54818
Ion Ratio Lower Upper
107 100
109 91.1 76.6 115.0





#56
Bromoform
Concen: 22.386 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. -0.006 min
Lab File: VN088324.D
Acq: 20 Nov 2025 12:23

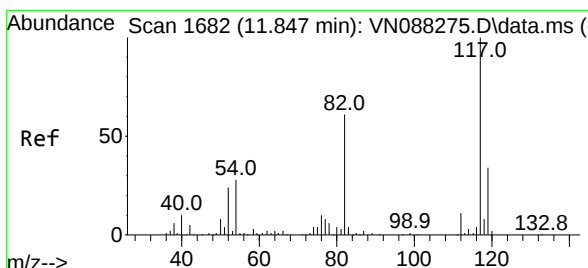
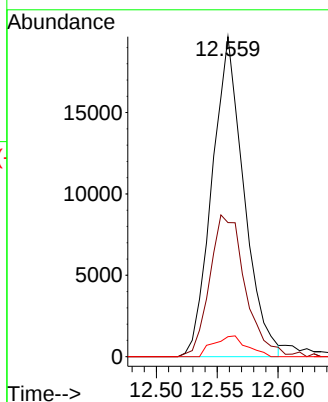
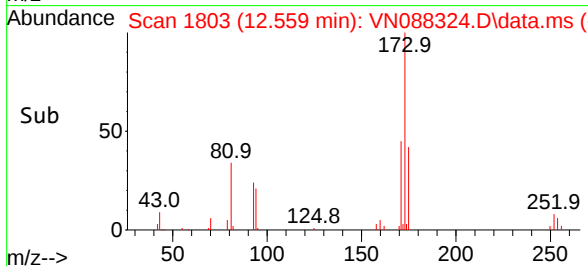
Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MS



Tgt Ion:173 Resp: 35779
Ion Ratio Lower Upper
173 100
175 49.1 37.7 56.5
254 6.8 5.9 8.9

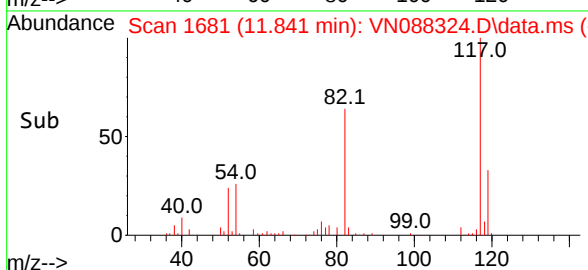
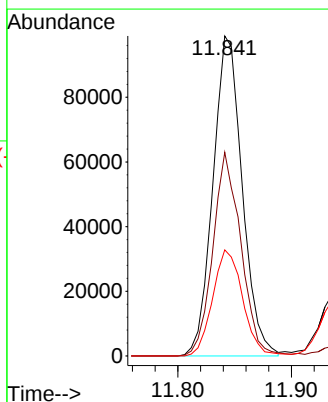
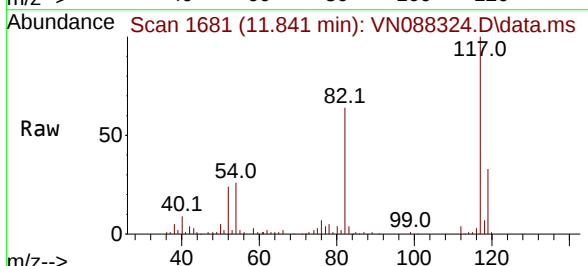
Manual Integrations
APPROVED

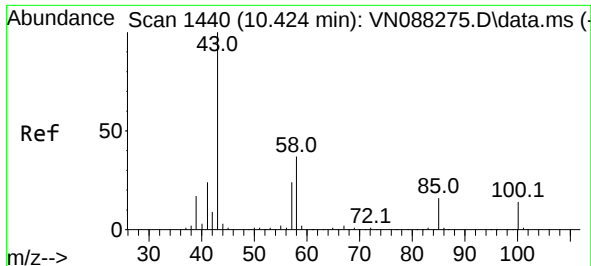
Reviewed By :John Carlone 11/21/2025
Supervised By :Semsettin Yesilyurt 11/21/2025



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.841 min Scan# 1681
Delta R.T. -0.006 min
Lab File: VN088324.D
Acq: 20 Nov 2025 12:23

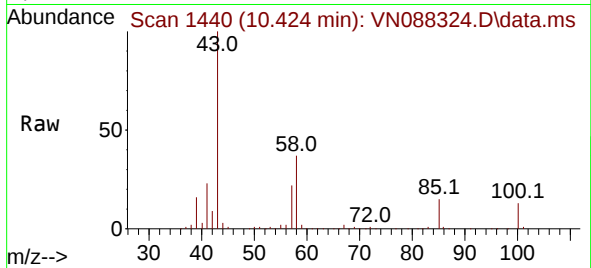
Tgt Ion:117 Resp: 177297
Ion Ratio Lower Upper
117 100
82 60.9 49.3 73.9
119 34.1 26.4 39.6





#58
4-Methyl-2-Pentanone
Concen: 133.495 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. 0.000 min
Lab File: VN088324.D
Acq: 20 Nov 2025 12:23

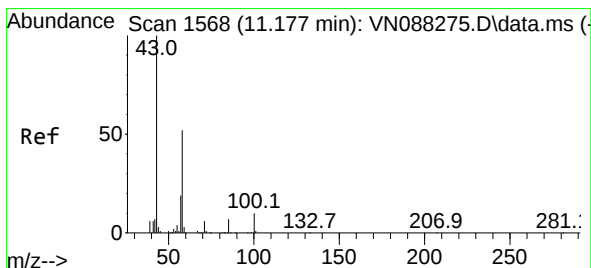
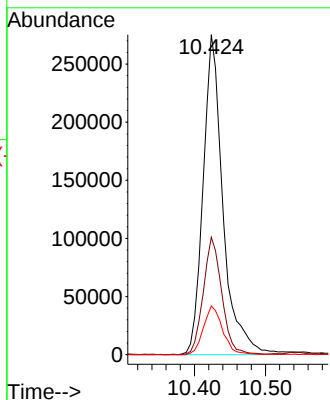
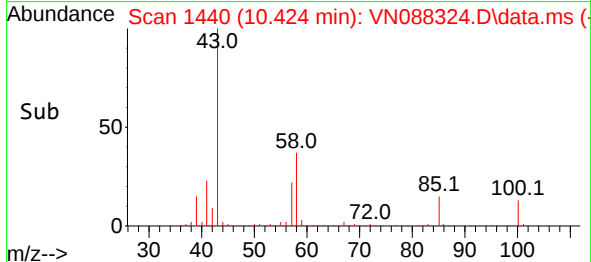
Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MS



Tgt Ion: 43 Resp: 535310
Ion Ratio Lower Upper
43 100
58 34.2 29.2 43.8
85 14.7 12.6 19.0

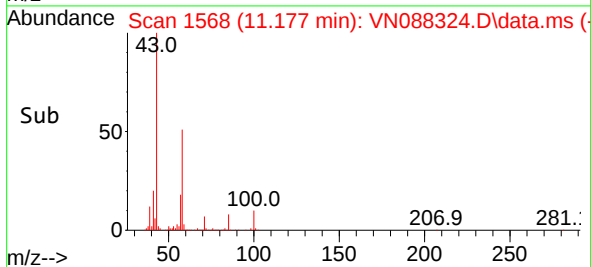
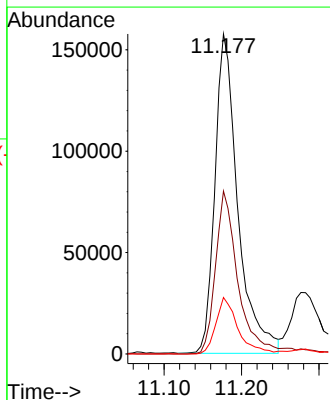
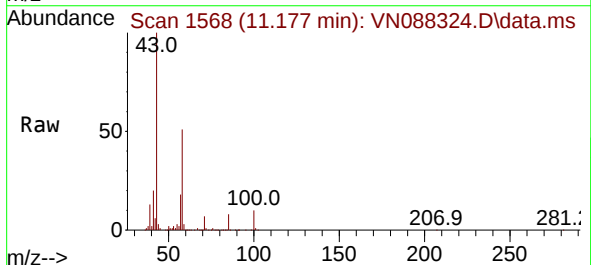
Manual Integrations
APPROVED

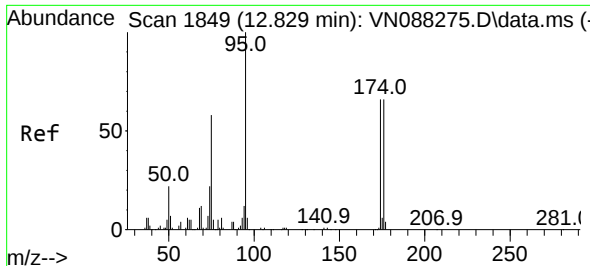
Reviewed By :John Carlone 11/21/2025
Supervised By :Semsettin Yesilyurt 11/21/2025



#59
2-Hexanone
Concen: 121.767 ug/l
RT: 11.177 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VN088324.D
Acq: 20 Nov 2025 12:23

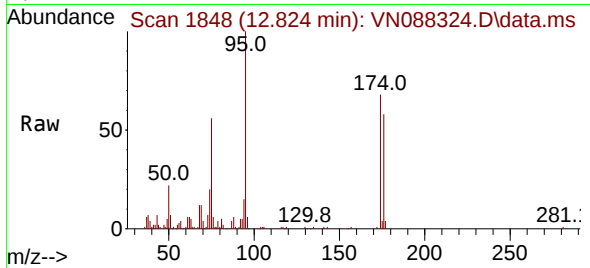
Tgt Ion: 43 Resp: 324237
Ion Ratio Lower Upper
43 100
58 49.3 41.0 61.4
57 17.0 14.4 21.6





#60
4-Bromofluorobenzene
Concen: 29.441 ug/l
RT: 12.824 min Scan# 1849
Delta R.T. -0.006 min
Lab File: VN088324.D
Acq: 20 Nov 2025 12:23

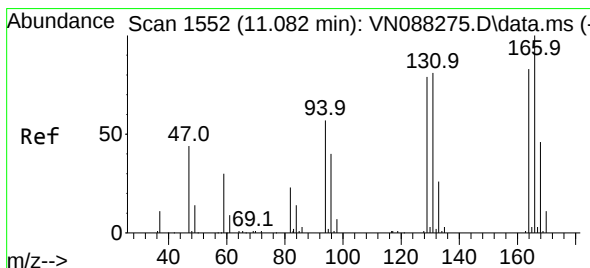
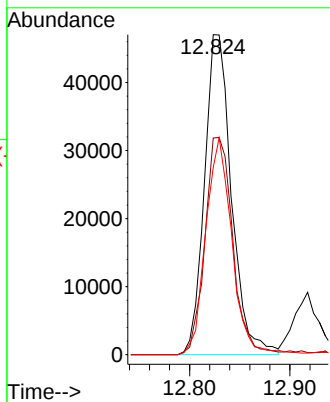
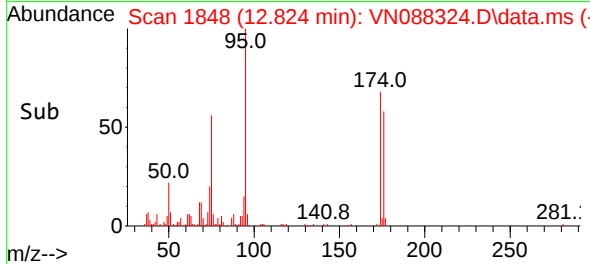
Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MS



Tgt Ion: 95 Resp: 8823
Ion Ratio Lower Upper
95 100
174 69.6 54.5 81.7
176 64.8 53.8 80.6

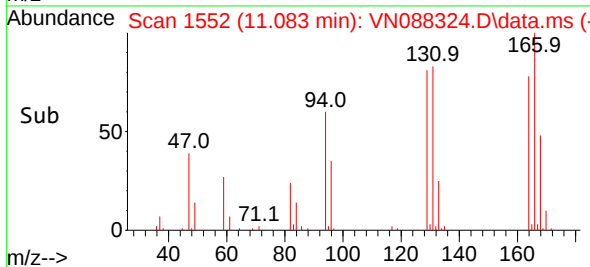
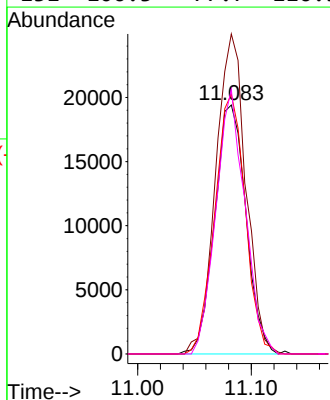
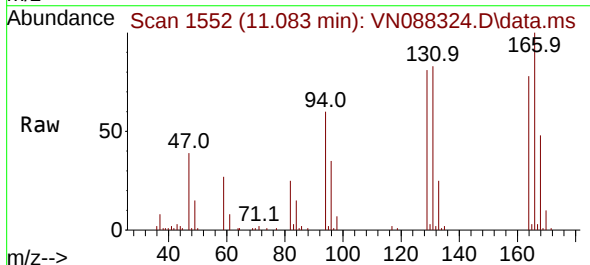
Manual Integrations
APPROVED

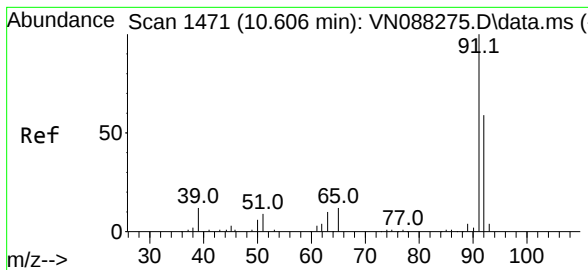
Reviewed By :John Carlone 11/21/2025
Supervised By :Semsettin Yesilyurt 11/21/2025



#61
Tetrachloroethene
Concen: 20.274 ug/l
RT: 11.083 min Scan# 1552
Delta R.T. 0.000 min
Lab File: VN088324.D
Acq: 20 Nov 2025 12:23

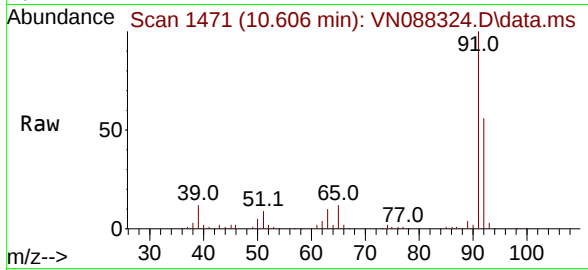
Tgt Ion:164 Resp: 37059
Ion Ratio Lower Upper
164 100
166 128.5 96.3 144.5
129 104.4 76.2 114.2
131 106.3 77.7 116.5





#62
Toluene
Concen: 21.766 ug/l
RT: 10.606 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VN088324.D
Acq: 20 Nov 2025 12:23

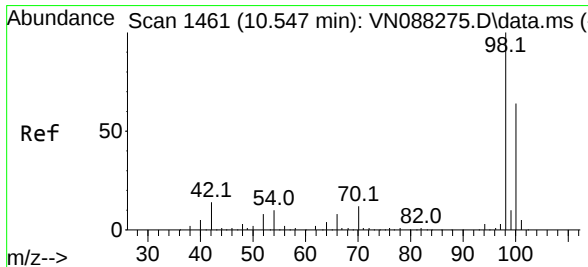
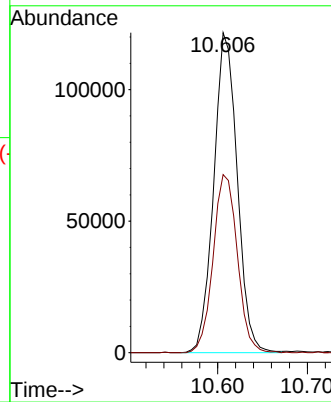
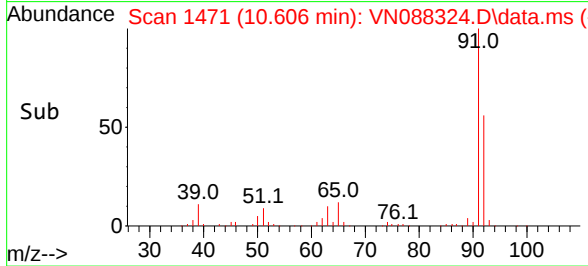
Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MS



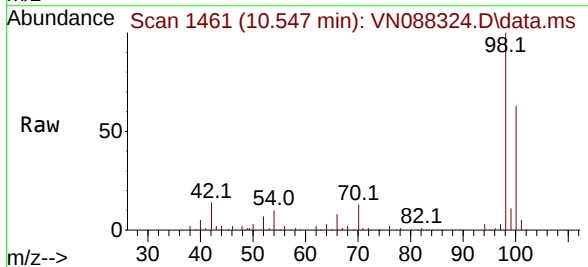
Tgt Ion: 91 Resp: 221458
Ion Ratio Lower Upper
91 100
92 57.3 46.7 70.1

Manual Integrations
APPROVED

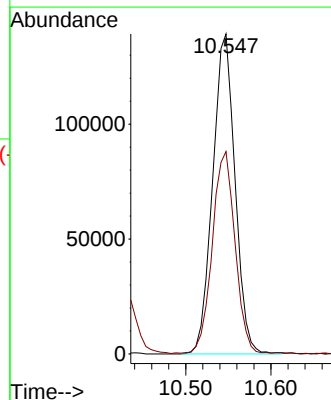
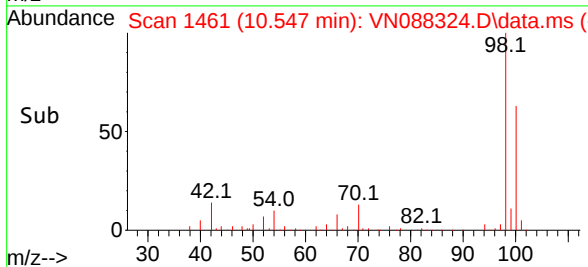
Reviewed By :John Carlone 11/21/2025
Supervised By :Semsettin Yesilyurt 11/21/2025

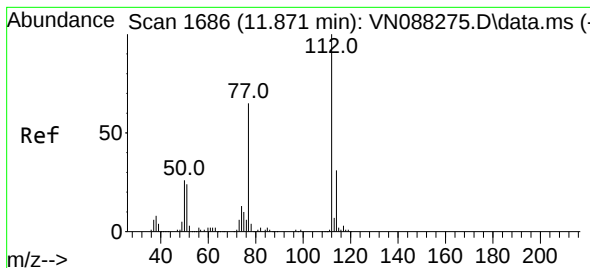


#63
Toluene-d8
Concen: 30.229 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VN088324.D
Acq: 20 Nov 2025 12:23



Tgt Ion: 98 Resp: 253741
Ion Ratio Lower Upper
98 100
100 64.6 51.6 77.4





#64

Chlorobenzene

Concen: 21.598 ug/l

RT: 11.871 min Scan# 1686

Delta R.T. 0.000 min

Lab File: VN088324.D

Acq: 20 Nov 2025 12:23

Instrument :

MSVOA_N

ClientSampleId :

OUTFALL-DSN-001MS

Tgt Ion:112 Resp: 136098

Ion Ratio Lower Upper

112 100

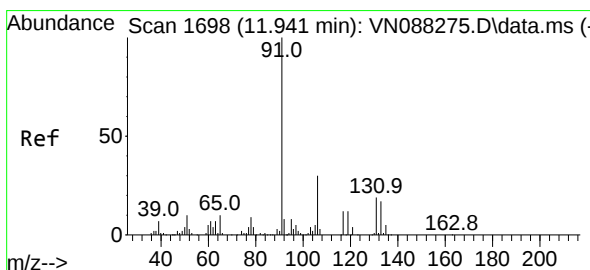
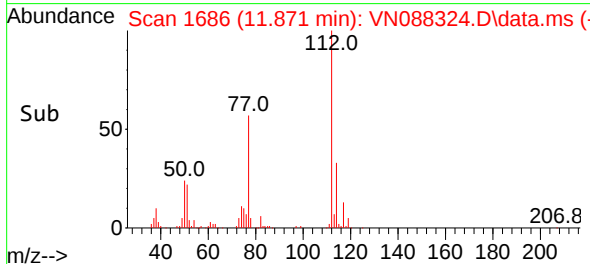
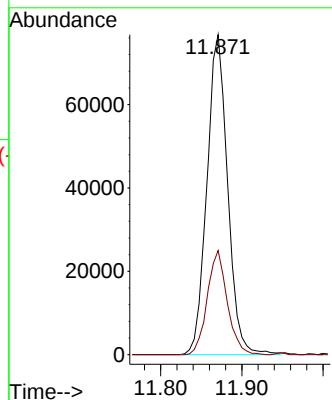
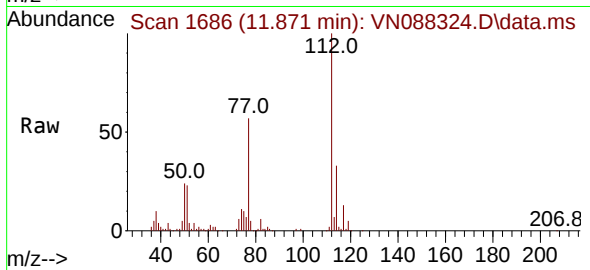
114 32.5 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/21/2025

Supervised By :Semsettin Yesilyurt 11/21/2025



#65

1,1,1,2-Tetrachloroethane

Concen: 22.852 ug/l

RT: 11.941 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VN088324.D

Acq: 20 Nov 2025 12:23

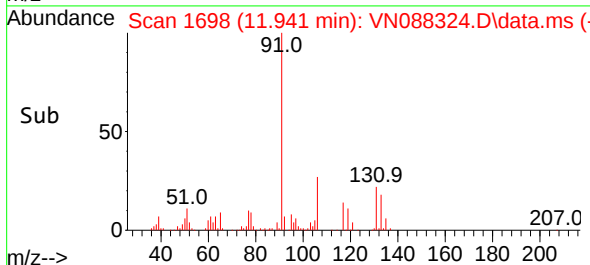
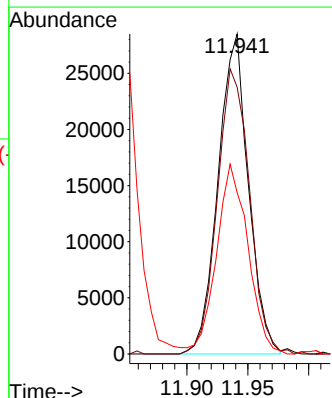
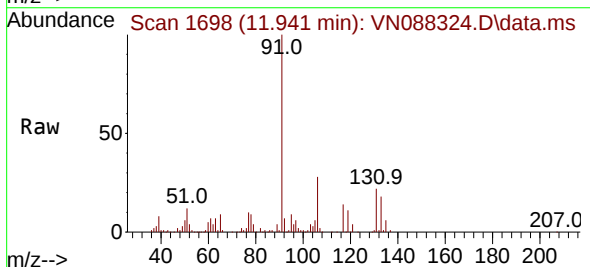
Tgt Ion:131 Resp: 49287

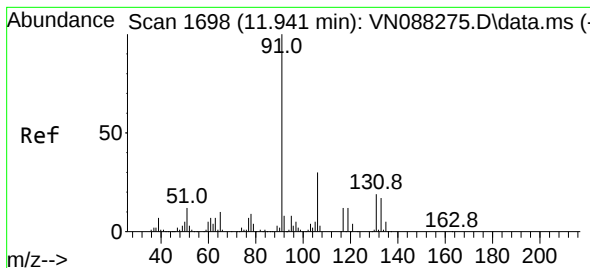
Ion Ratio Lower Upper

131 100

133 94.8 0.0 181.4

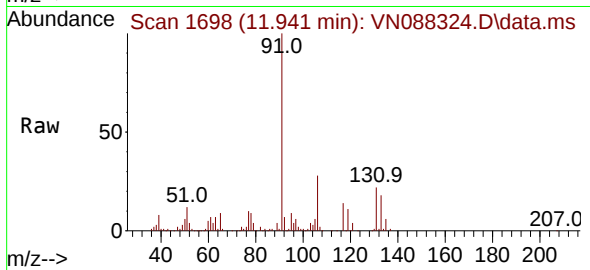
119 61.5 0.0 135.0





#66
Ethyl Benzene
Concen: 20.049 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN088324.D
Acq: 20 Nov 2025 12:23

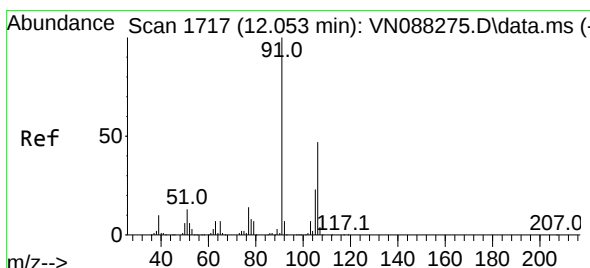
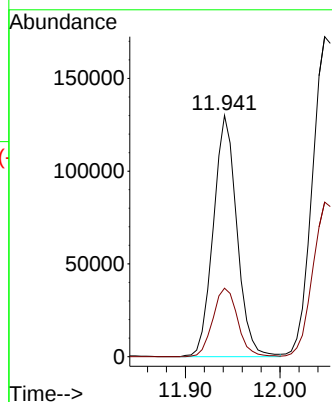
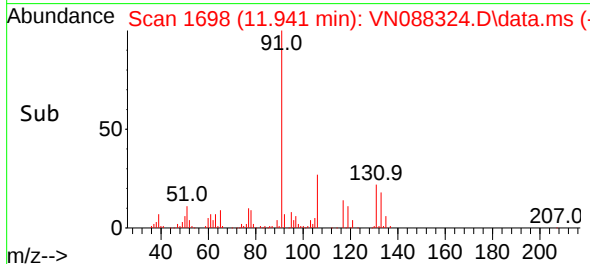
Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MS



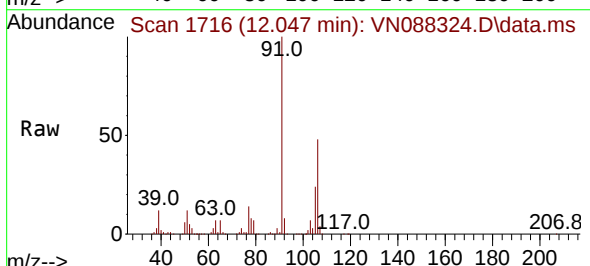
Tgt Ion: 91 Resp: 22482
Ion Ratio Lower Upper
91 100
106 28.4 24.4 36.6

Manual Integrations
APPROVED

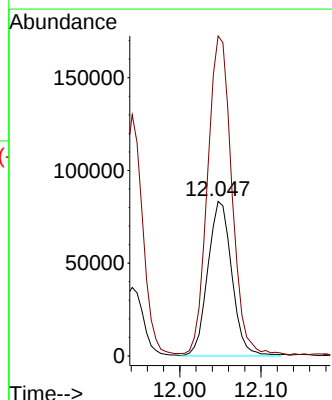
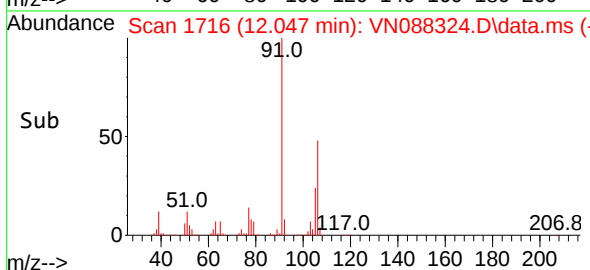
Reviewed By :John Carlone 11/21/2025
Supervised By :Semsettin Yesilyurt 11/21/2025

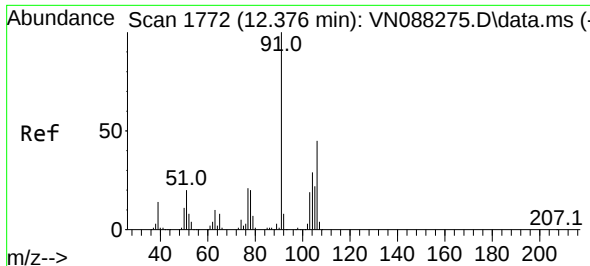


#67
m/p-Xylenes
Concen: 40.859 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. -0.006 min
Lab File: VN088324.D
Acq: 20 Nov 2025 12:23



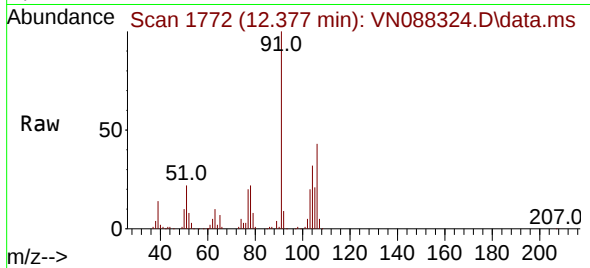
Tgt Ion:106 Resp: 171340
Ion Ratio Lower Upper
106 100
91 208.5 168.3 252.5





#68
o-Xylene
Concen: 20.312 ug/l
RT: 12.377 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VN088324.D
Acq: 20 Nov 2025 12:23

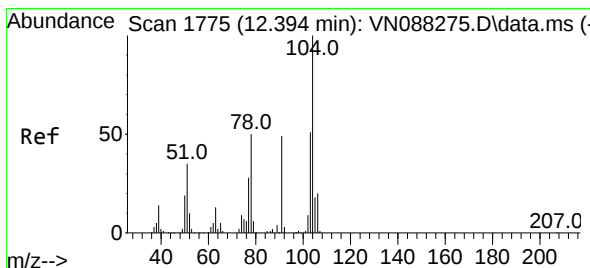
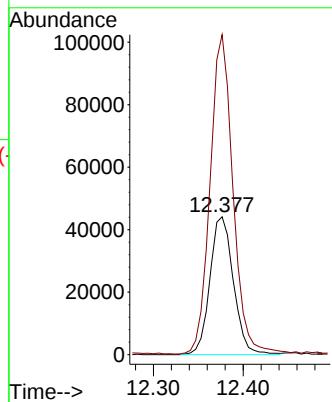
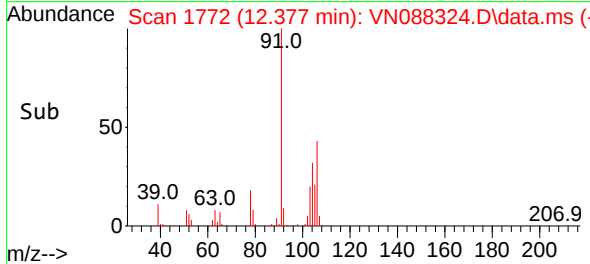
Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MS



Tgt Ion:106 Resp: 8035
Ion Ratio Lower Upper
106 100
91 225.2 114.0 342.0

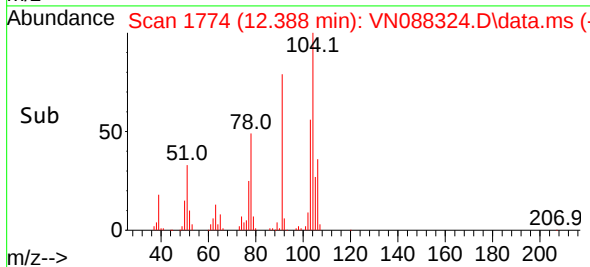
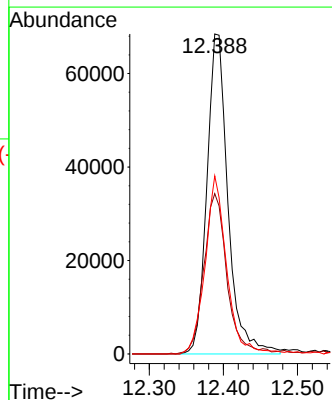
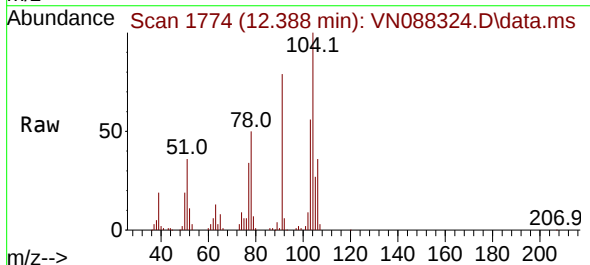
Manual Integrations
APPROVED

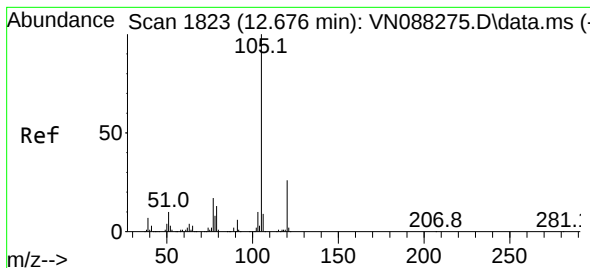
Reviewed By :John Carlone 11/21/2025
Supervised By :Semsettin Yesilyurt 11/21/2025



#69
Styrene
Concen: 20.149 ug/l
RT: 12.388 min Scan# 1774
Delta R.T. -0.006 min
Lab File: VN088324.D
Acq: 20 Nov 2025 12:23

Tgt Ion:104 Resp: 135376
Ion Ratio Lower Upper
104 100
78 54.1 43.8 65.8
103 54.5 44.8 67.2





#70

Isopropylbenzene

Concen: 19.020 ug/l

RT: 12.671 min Scan# 1823

Delta R.T. -0.006 min

Lab File: VN088324.D

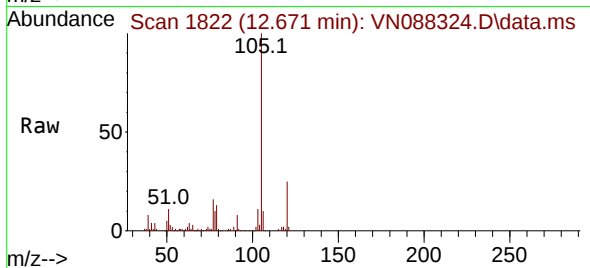
Acq: 20 Nov 2025 12:23

Instrument :

MSVOA_N

ClientSampleId :

OUTFALL-DSN-001MS



Tgt Ion:105 Resp: 19940

Ion Ratio Lower Upper

105 100

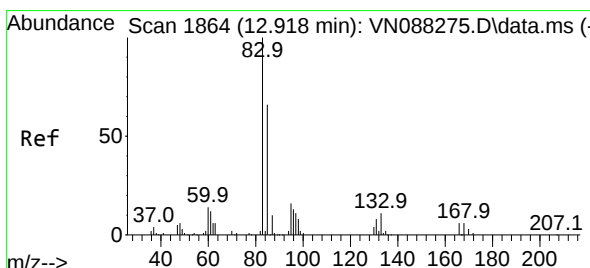
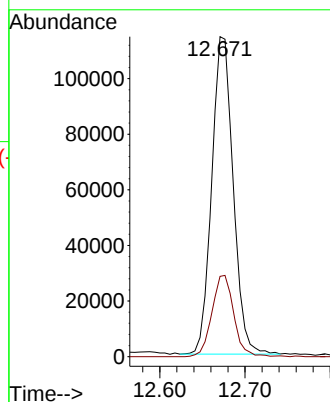
120 25.8 18.2 33.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/21/2025

Supervised By :Semsettin Yesilyurt 11/21/2025



#71

1,1,2,2-Tetrachloroethane

Concen: 24.397 ug/l

RT: 12.918 min Scan# 1864

Delta R.T. 0.000 min

Lab File: VN088324.D

Acq: 20 Nov 2025 12:23

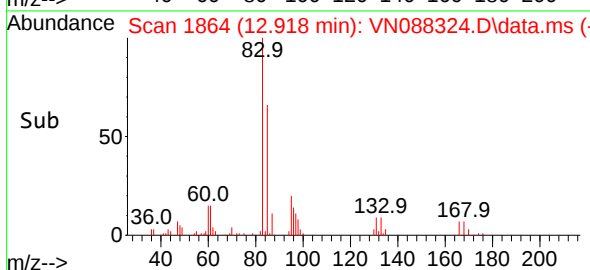
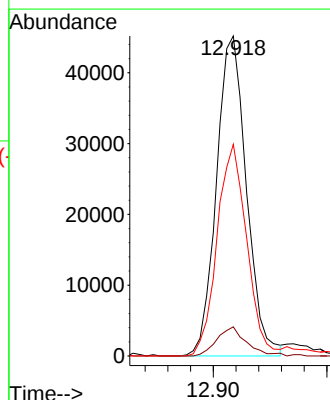
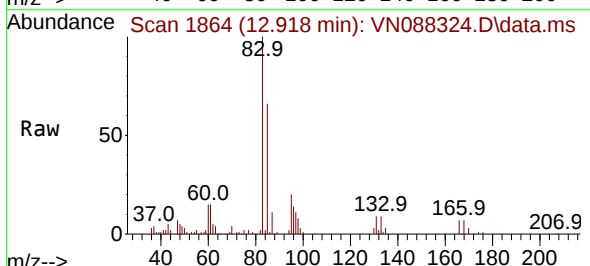
Tgt Ion: 83 Resp: 82849

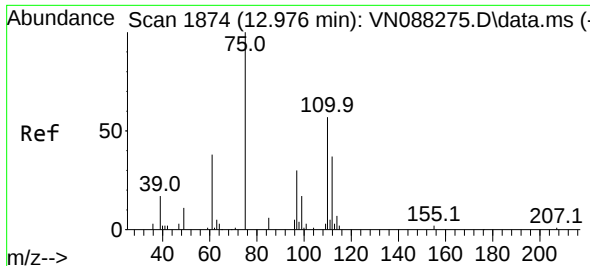
Ion Ratio Lower Upper

83 100

131 8.6 4.3 12.9

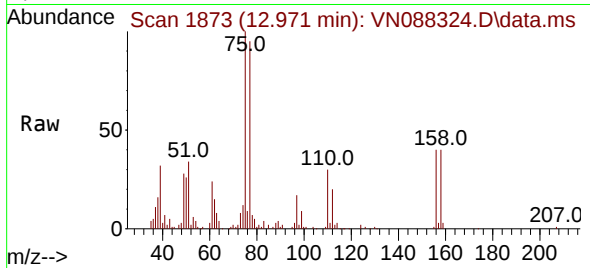
85 65.4 32.4 97.2





#72
1,2,3-Trichloropropane
Concen: 25.645 ug/l m
RT: 12.971 min Scan# 1873
Delta R.T. -0.006 min
Lab File: VN088324.D
Acq: 20 Nov 2025 12:23

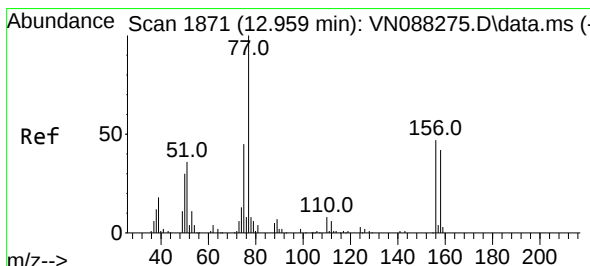
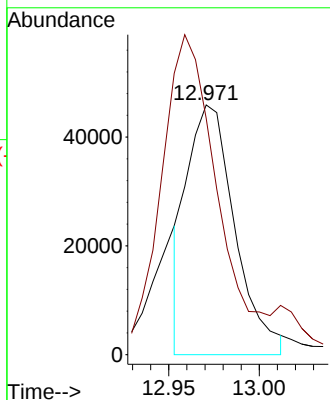
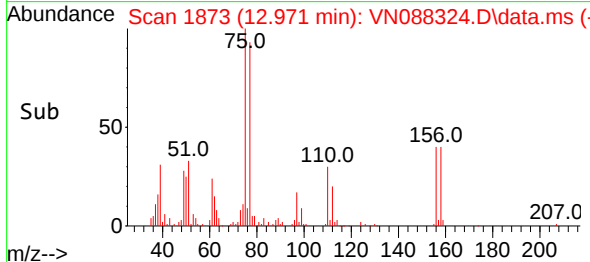
Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MS



Tgt Ion: 75 Resp: 8437
Ion Ratio Lower Upper
75 100
77 152.9 0.0 386.6

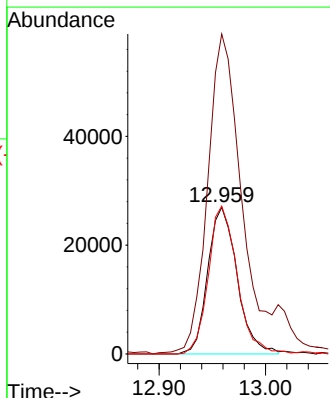
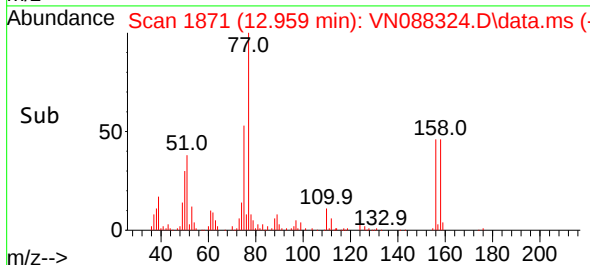
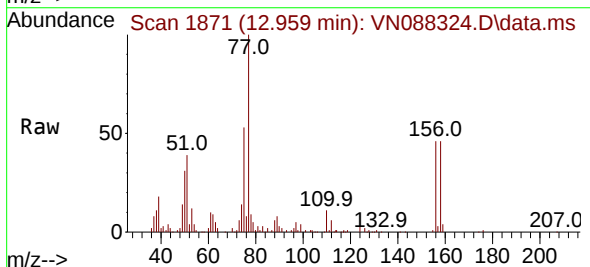
Manual Integrations
APPROVED

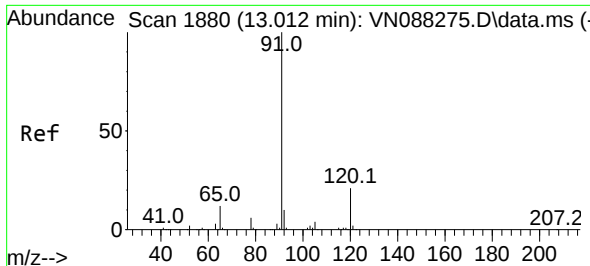
Reviewed By :John Carlone 11/21/2025
Supervised By :Semsettin Yesilyurt 11/21/2025



#73
Bromobenzene
Concen: 21.755 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN088324.D
Acq: 20 Nov 2025 12:23

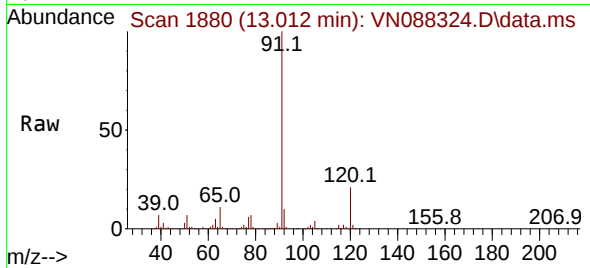
Tgt Ion:156 Resp: 51490
Ion Ratio Lower Upper
156 100
77 250.5 0.0 493.4
158 98.4 0.0 193.4





#74
n-propylbenzene
Concen: 19.792 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN088324.D
Acq: 20 Nov 2025 12:23

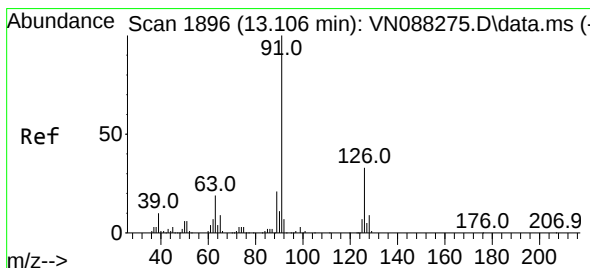
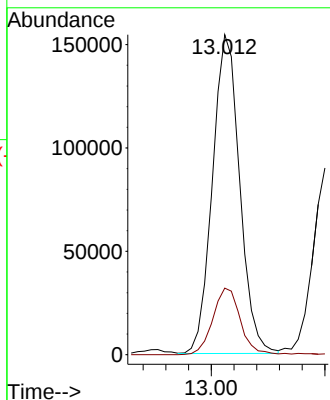
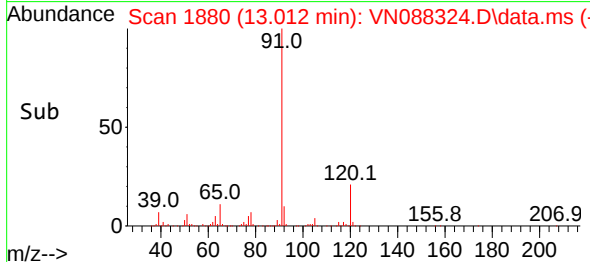
Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MS



Tgt Ion: 91 Resp: 256778
Ion Ratio Lower Upper
91 100
120 21.1 0.0 43.2

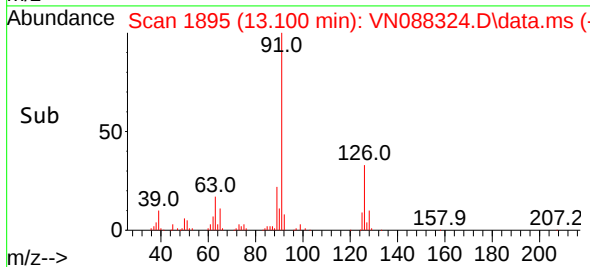
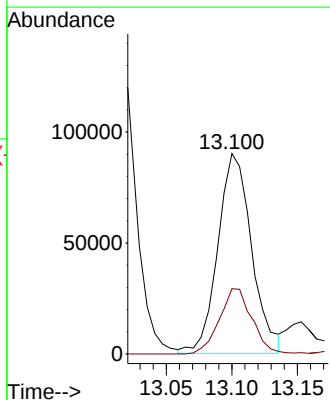
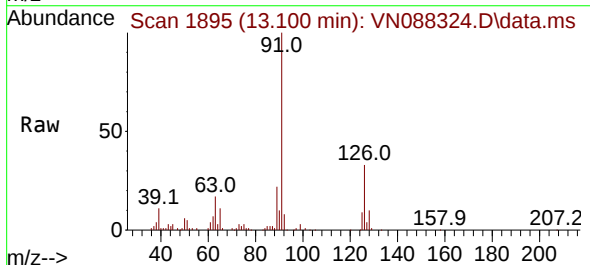
Manual Integrations
APPROVED

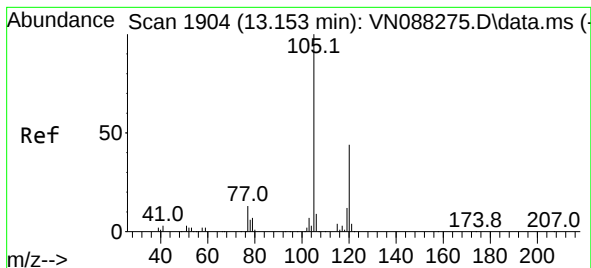
Reviewed By :John Carlone 11/21/2025
Supervised By :Semsettin Yesilyurt 11/21/2025



#75
2-Chlorotoluene
Concen: 20.463 ug/l
RT: 13.100 min Scan# 1895
Delta R.T. -0.006 min
Lab File: VN088324.D
Acq: 20 Nov 2025 12:23

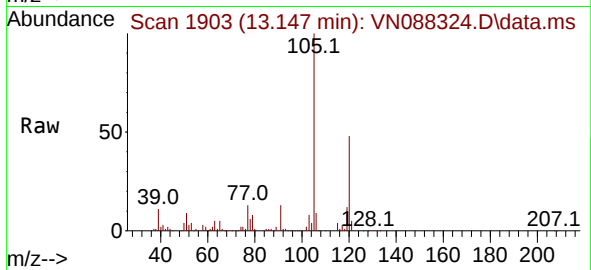
Tgt Ion: 91 Resp: 161433
Ion Ratio Lower Upper
91 100
126 31.5 0.0 62.0





#76
1,3,5-Trimethylbenzene
Concen: 19.656 ug/l
RT: 13.147 min Scan# 1904
Delta R.T. -0.006 min
Lab File: VN088324.D
Acq: 20 Nov 2025 12:23

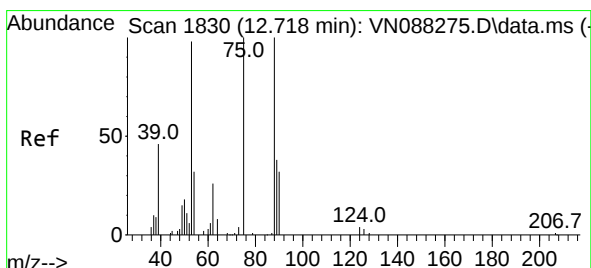
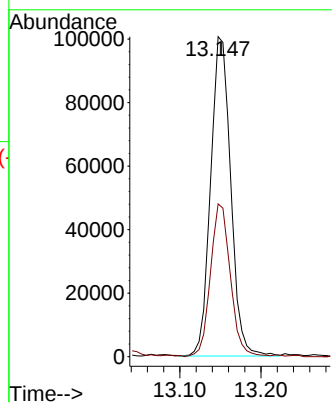
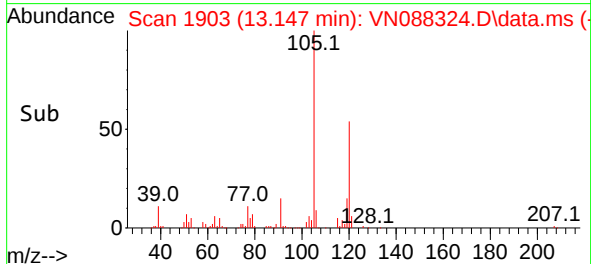
Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MS



Tgt Ion:105 Resp: 172975
Ion Ratio Lower Upper
105 100
120 47.4 0.0 94.6

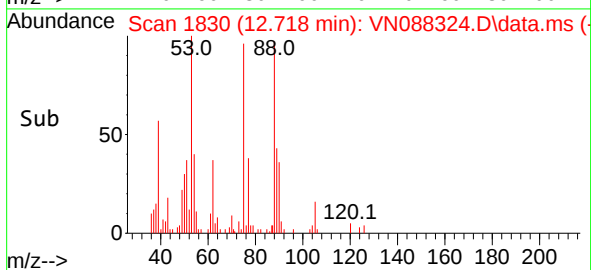
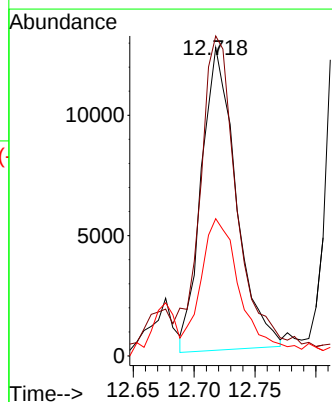
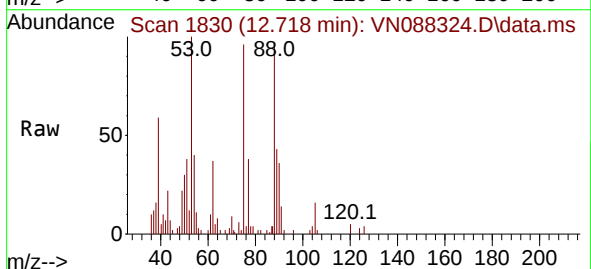
Manual Integrations
APPROVED

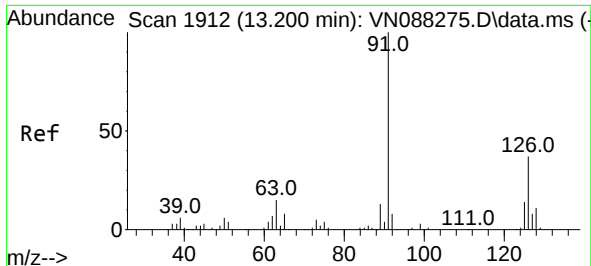
Reviewed By :John Carlone 11/21/2025
Supervised By :Semsettin Yesilyurt 11/21/2025



#77
t-1,4-Dichloro-2-butene
Concen: 22.070 ug/l
RT: 12.718 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN088324.D
Acq: 20 Nov 2025 12:23

Tgt Ion: 75 Resp: 24934
Ion Ratio Lower Upper
75 100
53 103.2 50.0 150.0
89 42.9 22.3 66.9





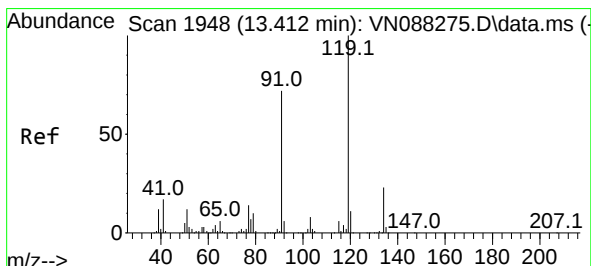
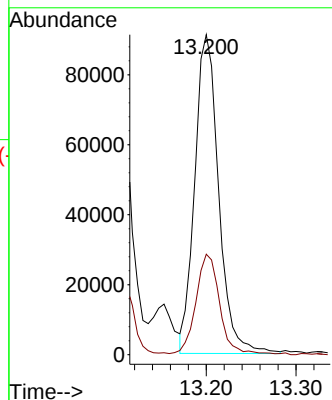
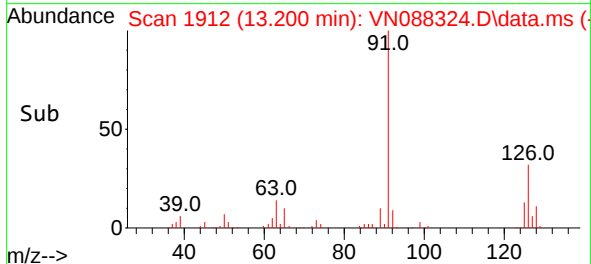
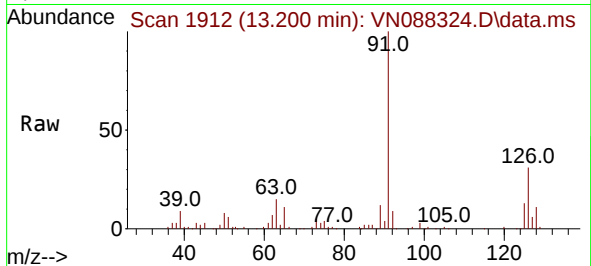
#78
4-Chlorotoluene
Concen: 21.076 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VN088324.D
Acq: 20 Nov 2025 12:23

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MS

Tgt Ion: 91 Resp: 16849
Ion Ratio Lower Upper
91 100
126 29.8 0.0 60.8

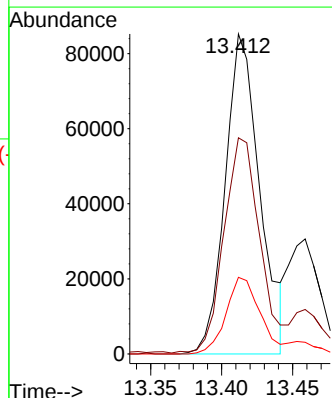
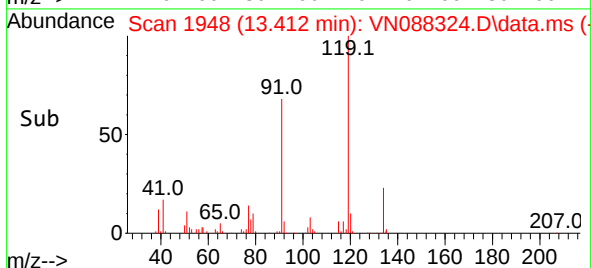
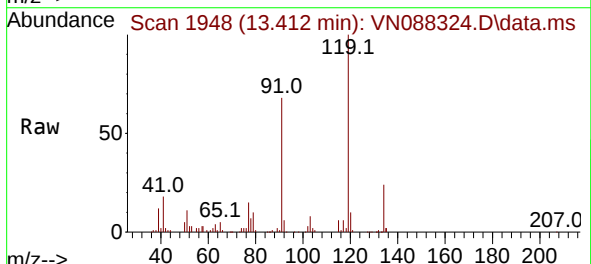
Manual Integrations
APPROVED

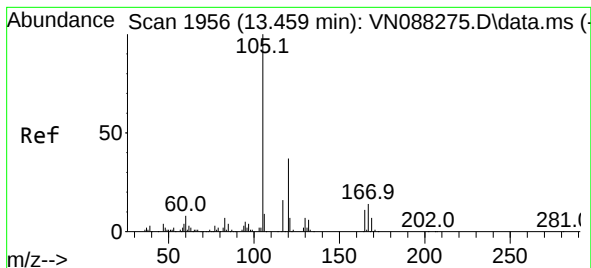
Reviewed By :John Carlone 11/21/2025
Supervised By :Semsettin Yesilyurt 11/21/2025



#79
tert-butylbenzene
Concen: 19.141 ug/l
RT: 13.412 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VN088324.D
Acq: 20 Nov 2025 12:23

Tgt Ion:119 Resp: 144212
Ion Ratio Lower Upper
119 100
91 70.2 0.0 140.8
134 23.4 0.0 48.4





#80

1,2,4-Trimethylbenzene

Concen: 19.784 ug/l

RT: 13.459 min Scan# 1956

Delta R.T. 0.000 min

Lab File: VN088324.D

Acq: 20 Nov 2025 12:23

Instrument :

MSVOA_N

ClientSampleId :

OUTFALL-DSN-001MS

Tgt Ion:105 Resp: 17312

Ion Ratio Lower Upper

105 100

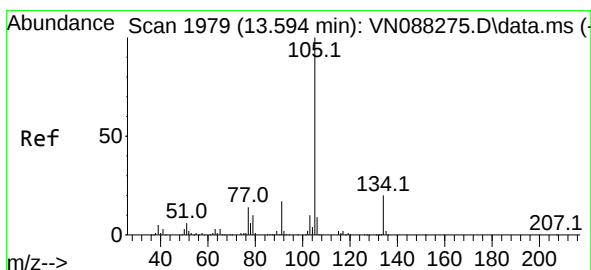
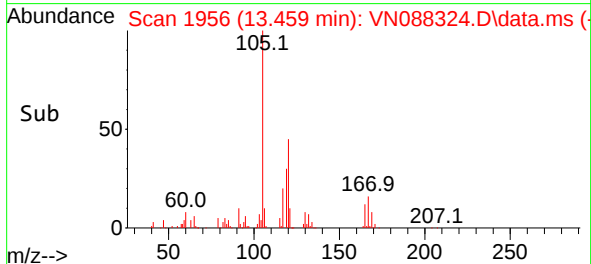
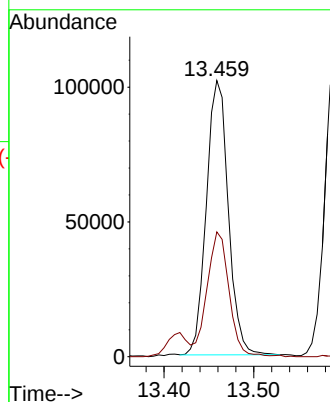
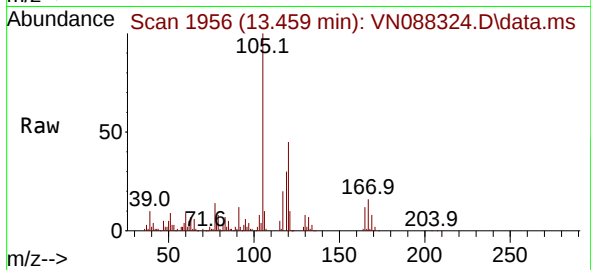
120 45.5 0.0 89.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/21/2025

Supervised By :Semsettin Yesilyurt 11/21/2025



#81

sec-Butylbenzene

Concen: 18.963 ug/l

RT: 13.594 min Scan# 1979

Delta R.T. 0.000 min

Lab File: VN088324.D

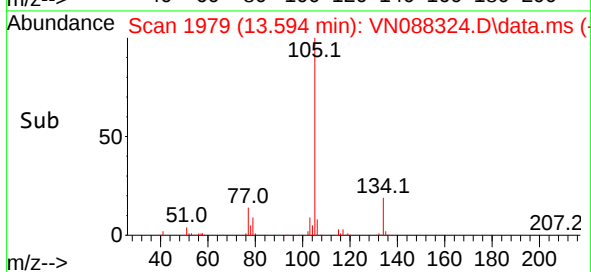
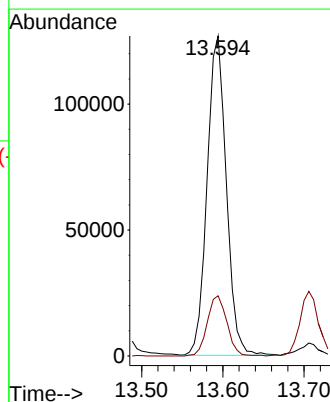
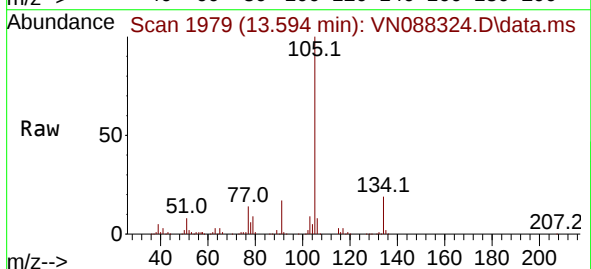
Acq: 20 Nov 2025 12:23

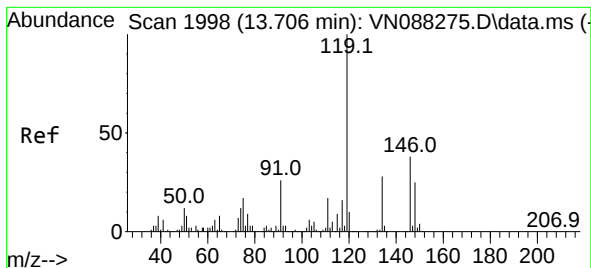
Tgt Ion:105 Resp: 208381

Ion Ratio Lower Upper

105 100

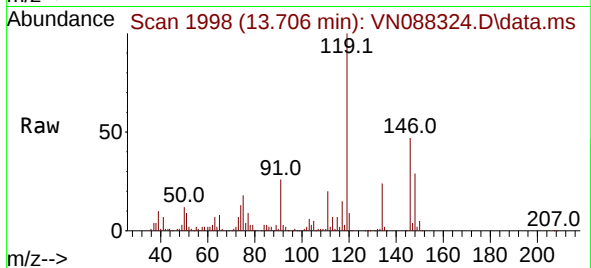
134 19.1 0.0 38.4





#82
p-Isopropyltoluene
Concen: 18.681 ug/l
RT: 13.706 min Scan# 1998
Delta R.T. 0.000 min
Lab File: VN088324.D
Acq: 20 Nov 2025 12:23

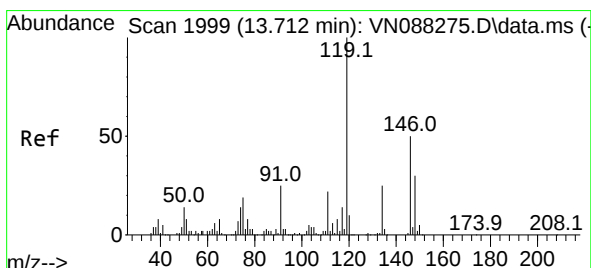
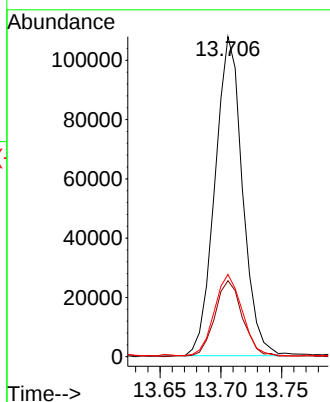
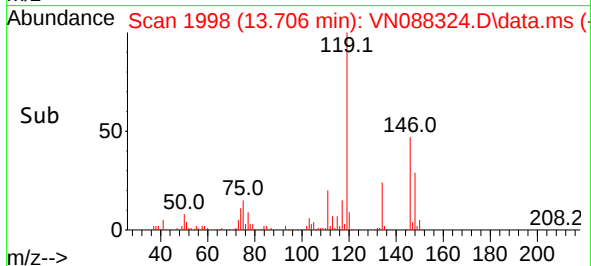
Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MS



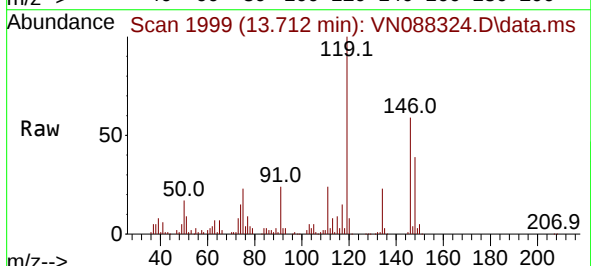
Tgt Ion:119 Resp: 169634
Ion Ratio Lower Upper
119 100
134 24.1 0.0 51.2
91 26.0 0.0 53.4

Manual Integrations
APPROVED

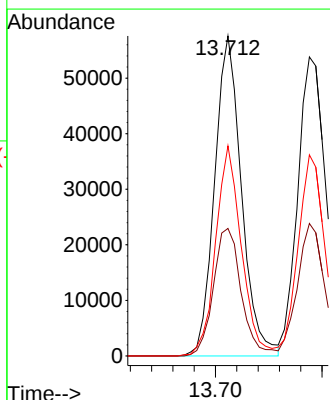
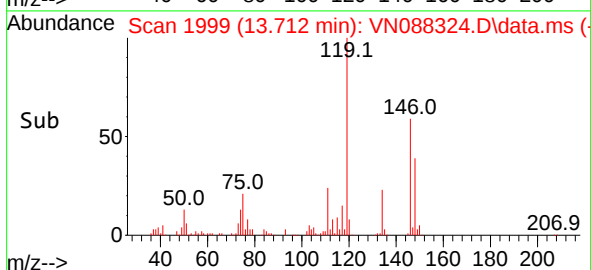
Reviewed By :John Carlone 11/21/2025
Supervised By :Semsettin Yesilyurt 11/21/2025

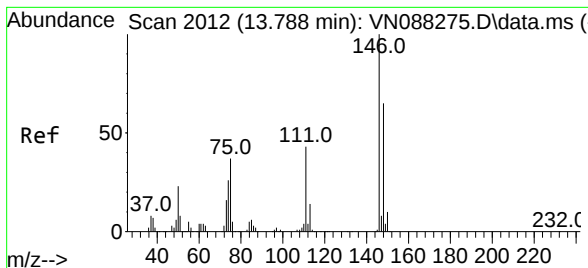


#83
1,3-Dichlorobenzene
Concen: 21.926 ug/l
RT: 13.712 min Scan# 1999
Delta R.T. 0.000 min
Lab File: VN088324.D
Acq: 20 Nov 2025 12:23



Tgt Ion:146 Resp: 100823
Ion Ratio Lower Upper
146 100
111 41.5 22.1 66.5
148 62.7 31.4 94.3





#84

1,4-Dichlorobenzene

Concen: 21.350 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. 0.000 min

Lab File: VN088324.D

Acq: 20 Nov 2025 12:23

Instrument :

MSVOA_N

ClientSampleId :

OUTFALL-DSN-001MS

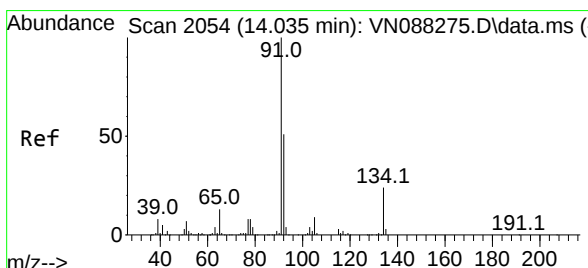
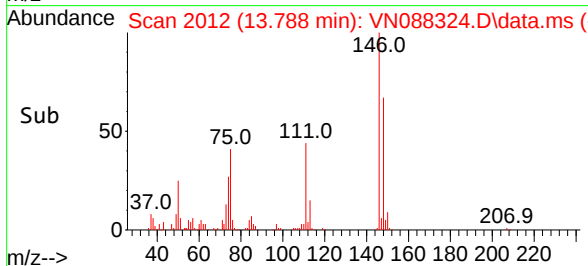
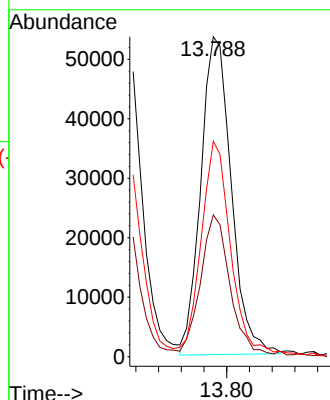
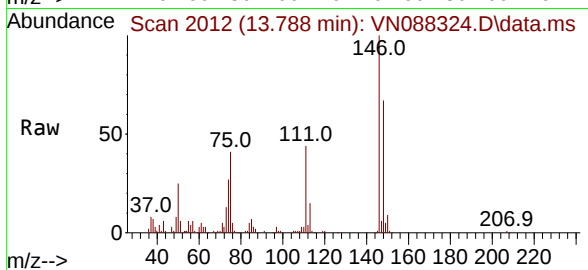
Tgt Ion:146	Resp:	99420
Ion Ratio	Lower	Upper
146	100	
111	43.6	21.8 65.3
148	66.9	31.9 95.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/21/2025

Supervised By :Semsettin Yesilyurt 11/21/2025



#85

n-Butylbenzene

Concen: 18.583 ug/l

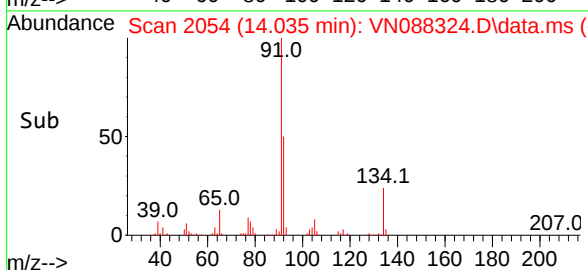
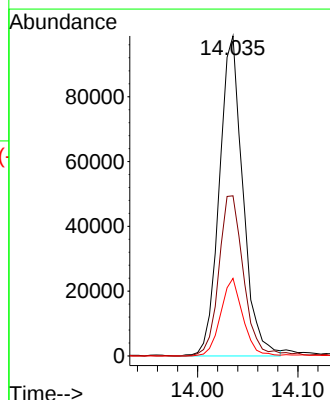
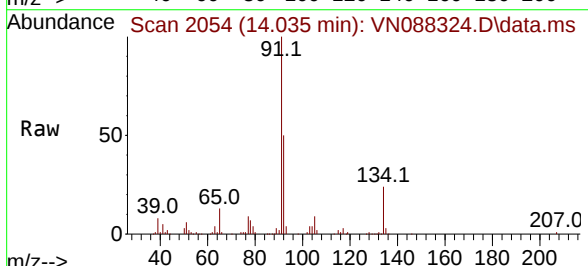
RT: 14.035 min Scan# 2054

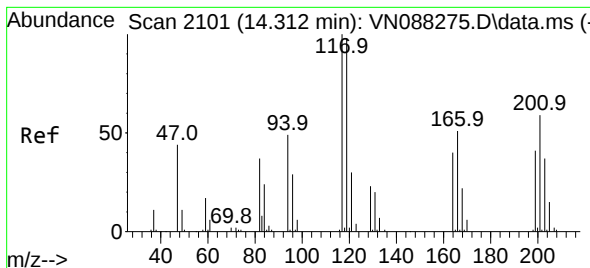
Delta R.T. 0.000 min

Lab File: VN088324.D

Acq: 20 Nov 2025 12:23

Tgt Ion: 91	Resp:	160820
Ion Ratio	Lower	Upper
91	100	
92	51.6	0.0 102.4
134	22.8	0.0 45.8





#86

Hexachloroethane

Concen: 19.855 ug/l

RT: 14.306 min Scan# 2101

Delta R.T. -0.006 min

Lab File: VN088324.D

Acq: 20 Nov 2025 12:23

Instrument :

MSVOA_N

ClientSampleId :

OUTFALL-DSN-001MS

Tgt Ion:117 Resp: 3452

Ion Ratio Lower Upper

117 100

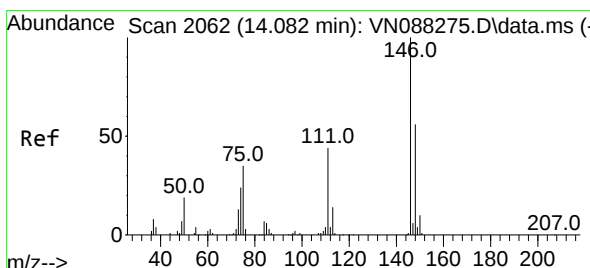
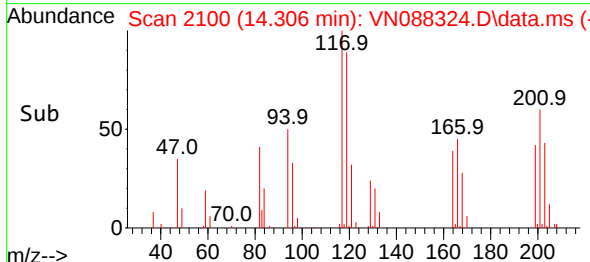
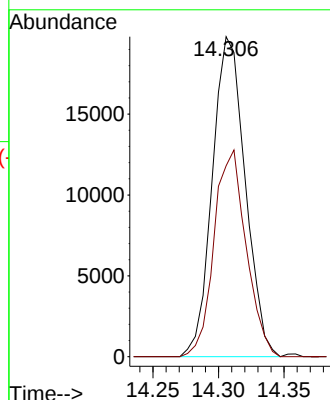
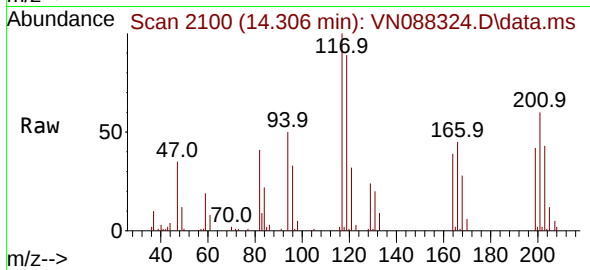
201 62.9 30.6 92.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/21/2025

Supervised By :Semsettin Yesilyurt 11/21/2025



#87

1,2-Dichlorobenzene

Concen: 21.340 ug/l

RT: 14.082 min Scan# 2062

Delta R.T. 0.000 min

Lab File: VN088324.D

Acq: 20 Nov 2025 12:23

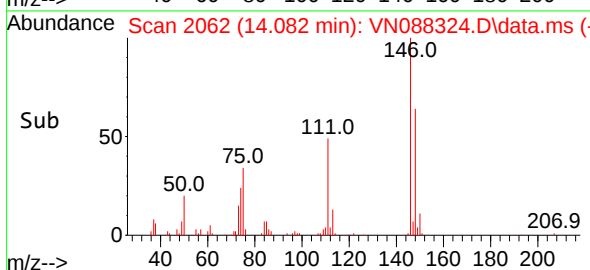
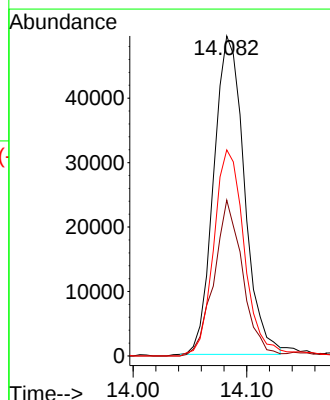
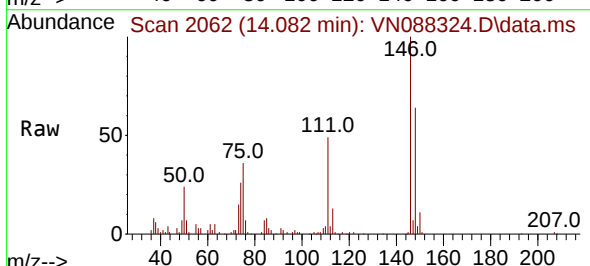
Tgt Ion:146 Resp: 92623

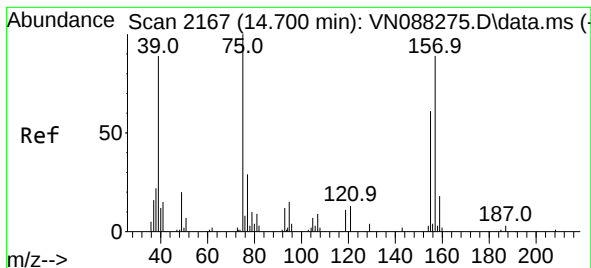
Ion Ratio Lower Upper

146 100

111 45.7 23.0 69.0

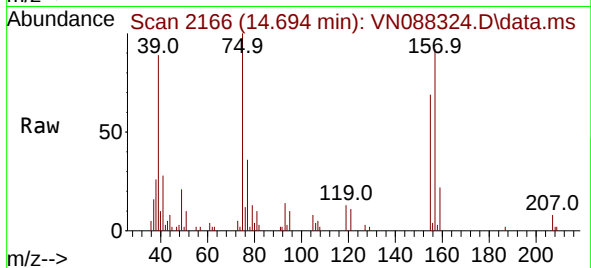
148 64.8 31.1 93.2





#88
1,2-Dibromo-3-Chloropropane
Concen: 24.363 ug/l
RT: 14.694 min Scan# 2166
Delta R.T. -0.006 min
Lab File: VN088324.D
Acq: 20 Nov 2025 12:23

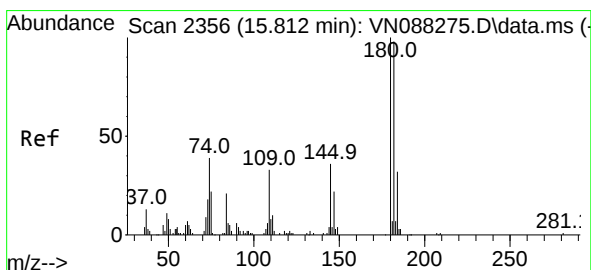
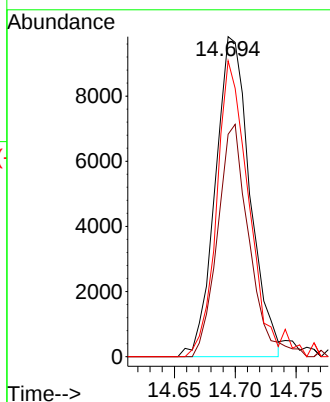
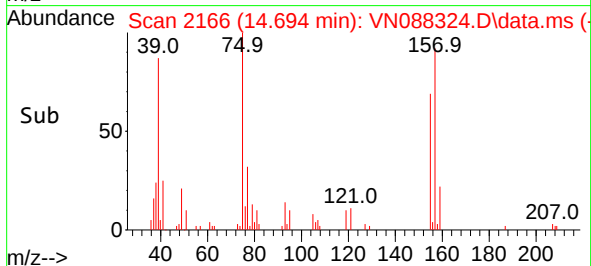
Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MS



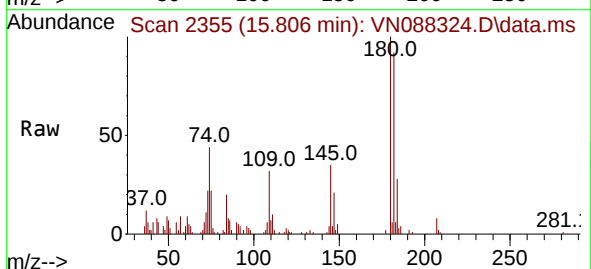
Tgt Ion: 75 Resp: 1944
Ion Ratio Lower Upper
75 100
155 66.3 54.8 82.2
157 83.8 70.7 106.1

Manual Integrations
APPROVED

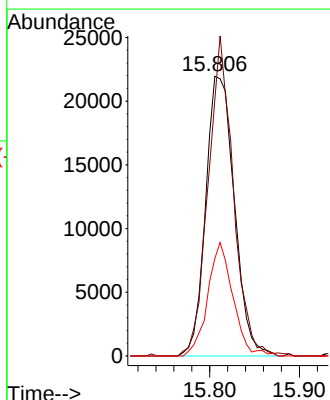
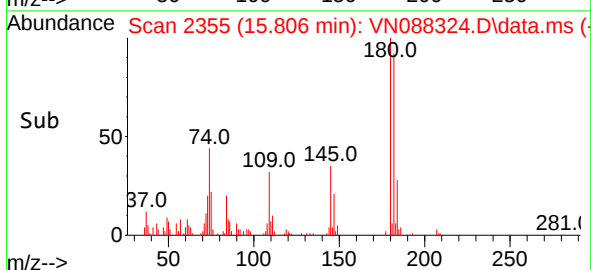
Reviewed By :John Carlone 11/21/2025
Supervised By :Semsettin Yesilyurt 11/21/2025

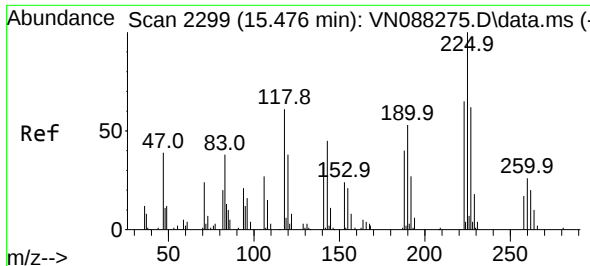


#89
1,2,4-Trichlorobenzene
Concen: 20.017 ug/l
RT: 15.806 min Scan# 2355
Delta R.T. -0.006 min
Lab File: VN088324.D
Acq: 20 Nov 2025 12:23



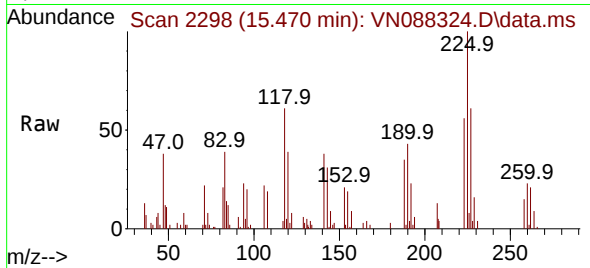
Tgt Ion:180 Resp: 48756
Ion Ratio Lower Upper
180 100
182 100.0 77.3 115.9
145 34.8 30.2 45.4





#90
Hexachlorobutadiene
Concen: 21.887 ug/l
RT: 15.470 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN088324.D
Acq: 20 Nov 2025 12:23

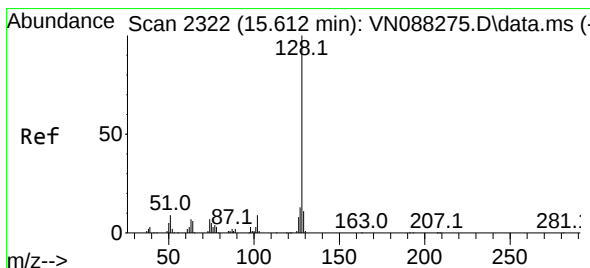
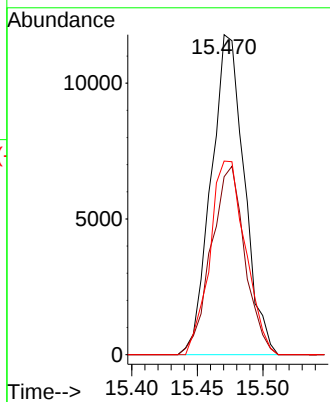
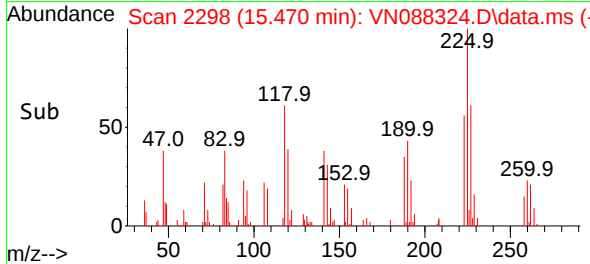
Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MS



Tgt Ion:225 Resp: 2070
Ion Ratio Lower Upper
225 100
223 59.9 0.0 132.0
227 64.8 0.0 132.6

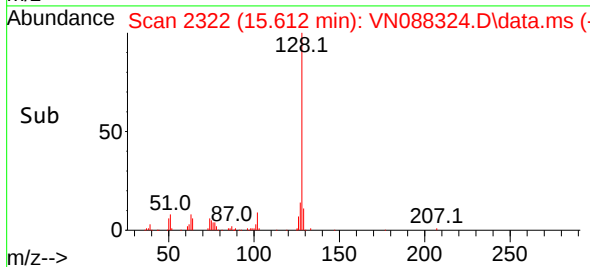
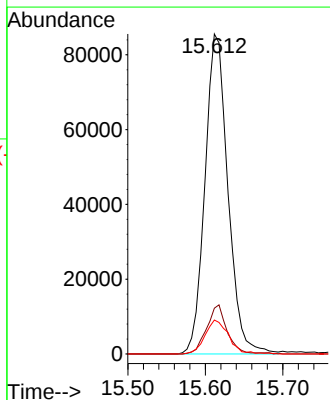
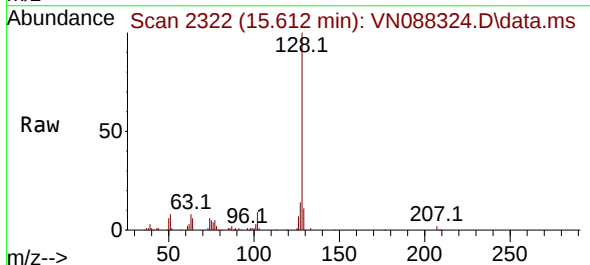
Manual Integrations
APPROVED

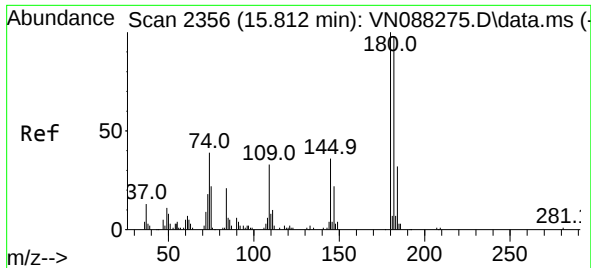
Reviewed By :John Carlone 11/21/2025
Supervised By :Semsettin Yesilyurt 11/21/2025



#91
Naphthalene
Concen: 20.046 ug/l
RT: 15.612 min Scan# 2322
Delta R.T. 0.000 min
Lab File: VN088324.D
Acq: 20 Nov 2025 12:23

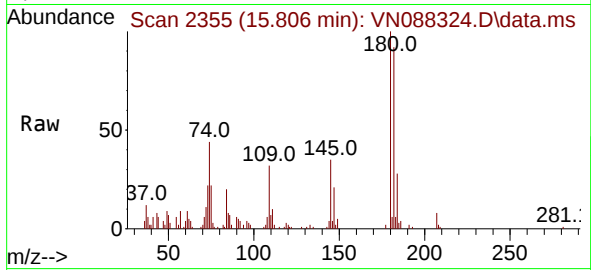
Tgt Ion:128 Resp: 176667
Ion Ratio Lower Upper
128 100
127 13.4 10.6 16.0
129 10.6 8.8 13.2





#92
 1,2,3-Trichlorobenzene
 Concen: 20.017 ug/l
 RT: 15.806 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN088324.D
 Acq: 20 Nov 2025 12:23

Instrument :
 MSVOA_N
 ClientSampleId :
 OUTFALL-DSN-001MS



Tgt Ion:180 Resp: 48750
 Ion Ratio Lower Upper
 180 100
 182 100.0 0.0 193.2
 145 34.8 0.0 75.6

Manual Integrations
 APPROVED

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

