

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052925\
 Data File : VN086820.D
 Acq On : 29 May 2025 17:25
 Operator : JC\MD
 Sample : Q2098-02MS
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OUTFALL-DSN-001MS

Quant Time: May 30 02:45:56 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N052925W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri May 30 02:22:52 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/30/2025
 Supervised By : Mahesh Dadoda 05/30/2025

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

Internal Standards						
1) Bromochloromethane	7.812	128	28709	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	167048	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.859	117	144677	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	61255	31.054	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	103.500%
60) 4-Bromofluorobenzene	12.841	95	68107	29.984	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	99.933%
63) Toluene-d8	10.565	98	200398	30.178	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.600%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	50160	25.725	ug/l	98
3) Chloromethane	2.365	50	106242	42.260	ug/l	98
4) Vinyl Chloride	2.512	62	58401	25.243	ug/l	98
5) Bromomethane	2.965	94	26070	21.267	ug/l	98
6) Chloroethane	3.124	64	50404m	35.620	ug/l	
7) Trichlorofluoromethane	3.501	101	68782	25.383	ug/l	97
8) Diethyl Ether	3.959	74	29299	25.921	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.371	101	44167	26.596	ug/l	99
10) 1,1-Dichloroethene	4.342	96	44351	26.196	ug/l	96
11) Methyl Iodide	4.589	142	46584	23.341	ug/l	97
12) Methyl Acetate	5.024	43	55410	29.469	ug/l	95
13) Acrolein	4.177	56	35936	185.007	ug/l	98
14) Acrylonitrile	5.718	53	115923	132.486	ug/l	98
15) Acetone	4.424	58	90973	410.638	ug/l	83
16) Carbon Disulfide	4.718	76	128408	25.982	ug/l	99
17) Allyl chloride	5.024	41	68414	27.200	ug/l	96
18) Methylene Chloride	5.277	84	59069	30.042	ug/l	97
19) trans-1,2-Dichloroethene	5.783	96	46113	26.026	ug/l	97
20) Diisopropyl ether	6.665	45	153311	27.676	ug/l	97
21) 1,1-Dichloroethane	6.559	63	87706	26.235	ug/l	98
22) cis-1,2-Dichloroethene	7.483	96	56717	26.433	ug/l	97
23) tert-Butyl Alcohol	5.506	59	41857	148.967	ug/l #	100
24) Methyl tert-Butyl Ether	5.789	73	154017	27.602	ug/l	99
25) Chloroform	7.965	83	181817	55.566	ug/l	98
26) Cyclohexane	8.253	56	79504	27.478	ug/l #	100
29) 1,1-Dichloropropene	8.371	75	63485	25.848	ug/l	99
30) 2-Butanone	7.483	43	152335	141.557	ug/l	100
31) 2,2-Dichloropropane	7.489	77	76690	26.452	ug/l	99
32) 1,1,1-Trichloroethane	8.165	97	74894	26.305	ug/l	99
33) Carbon Tetrachloride	8.359	117	61394	25.226	ug/l	98
34) Benzene	8.606	78	205839	25.758	ug/l	99
35) Methacrylonitrile	7.777	41	37229	30.116	ug/l	98
36) 1,2-Dichloroethane	8.665	62	62478	26.680	ug/l	99
37) Trichloroethene	9.347	130	46608	21.026	ug/l	99
38) Methylcyclohexane	9.594	83	72905	26.753	ug/l	99
39) 1,2-Dichloropropane	9.618	63	50184	26.084	ug/l	99
40) Dibromomethane	9.706	93	32741	26.019	ug/l	99
41) Bromodichloromethane	9.882	83	85248	32.364	ug/l	96
42) Vinyl Acetate	6.600	43	582133	185.580	ug/l	98

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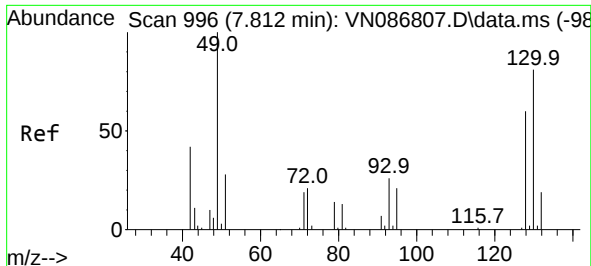
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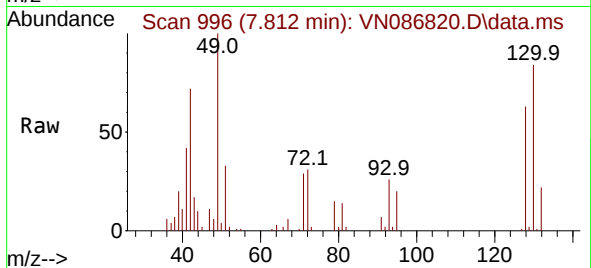
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.553	43	61213m	27.798	ug/l	
44) Isopropyl Acetate	8.683	43	109580	29.009	ug/l	97
45) 1,4-Dioxane	9.688	88	18697	556.879	ug/l	95
46) Methyl methacrylate	9.677	41	51645	29.651	ug/l	98
47) n-amyl Acetate	12.488	43	99761	32.897	ug/l	95
48) t-1,3-Dichloropropene	10.835	75	76379	27.097	ug/l	100
49) cis-1,3-Dichloropropene	10.306	75	81335	26.234	ug/l	95
50) 1,1,2-Trichloroethane	11.012	97	47138	26.597	ug/l	96
51) Ethyl methacrylate	10.871	69	79123	27.566	ug/l	98
52) 1,3-Dichloropropane	11.159	76	80508	25.597	ug/l	100
53) Dibromochloromethane	11.353	129	55204	27.564	ug/l	97
54) 1,2-Dibromoethane	11.465	107	46957	25.920	ug/l	100
56) Bromoform	12.576	173	34008	26.950	ug/l	97
58) 4-Methyl-2-Pentanone	10.441	43	321064	151.239	ug/l	97
59) 2-Hexanone	11.194	43	225103	148.032	ug/l	97
61) Tetrachloroethene	11.100	164	37742	15.519	ug/l	92
62) Toluene	10.624	91	215197	26.410	ug/l	100
64) Chlorobenzene	11.888	112	132747	25.546	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.959	131	44547	26.095	ug/l	99
66) Ethyl Benzene	11.959	91	234054	26.557	ug/l	98
67) m/p-Xylenes	12.065	106	179155	51.802	ug/l	99
68) o-Xylene	12.394	106	87299	26.046	ug/l	97
69) Styrene	12.406	104	146193	26.180	ug/l	99
70) Isopropylbenzene	12.688	105	213010	26.720	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.935	83	67595	35.663	ug/l	98
72) 1,2,3-Trichloropropane	12.988	75	58974m	26.549	ug/l	
73) Bromobenzene	12.976	156	49414	24.938	ug/l	96
74) n-propylbenzene	13.029	91	244125	25.853	ug/l	99
75) 2-Chlorotoluene	13.123	91	152757	25.204	ug/l	99
76) 1,3,5-Trimethylbenzene	13.171	105	169147	25.505	ug/l	99
77) t-1,4-Dichloro-2-butene	12.735	75	27280	30.009	ug/l	93
78) 4-Chlorotoluene	13.218	91	150627	25.089	ug/l	99
79) tert-butylbenzene	13.435	119	145238	25.330	ug/l	100
80) 1,2,4-Trimethylbenzene	13.476	105	174468	26.209	ug/l	97
81) sec-Butylbenzene	13.612	105	198749	25.443	ug/l	100
82) p-Isopropyltoluene	13.723	119	167833	25.588	ug/l	98
83) 1,3-Dichlorobenzene	13.729	146	86482	23.791	ug/l	99
84) 1,4-Dichlorobenzene	13.806	146	87180	24.100	ug/l	100
85) n-Butylbenzene	14.053	91	176426	32.129	ug/l	89
86) Hexachloroethane	14.329	117	29785	26.644	ug/l	99
87) 1,2-Dichlorobenzene	14.106	146	86883	24.778	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.712	75	13390	33.548	ug/l #	87
89) 1,2,4-Trichlorobenzene	15.835	180	44943	30.626	ug/l	96
90) Hexachlorobutadiene	15.500	225	16342	25.982	ug/l	97
91) Naphthalene	15.635	128	168013	32.814	ug/l	99
92) 1,2,3-Trichlorobenzene	15.835	180	44943	30.626	ug/l	96

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. 0.000 min
Lab File: VN086820.D
Acq: 29 May 2025 17:25

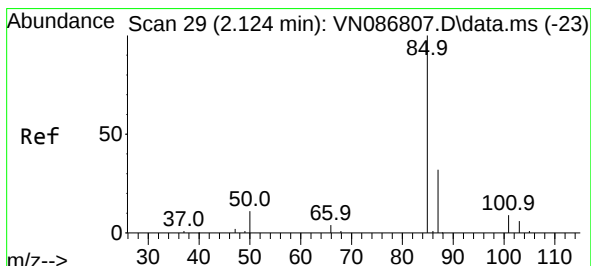
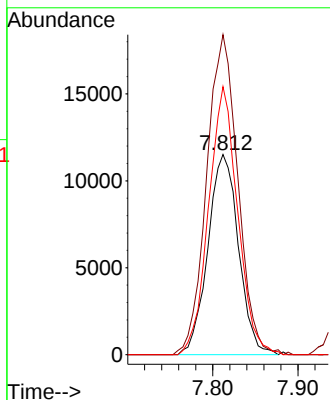
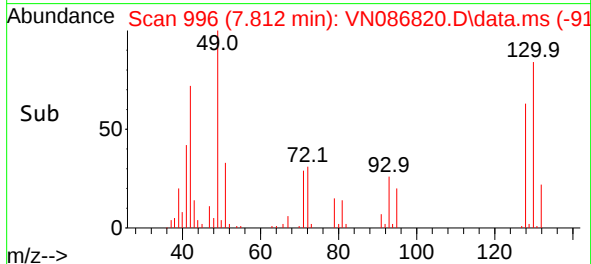
Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MS



Tgt Ion:128 Resp: 28709
Ion Ratio Lower Upper
128 100
49 162.5 0.0 404.5
130 127.6 0.0 322.2

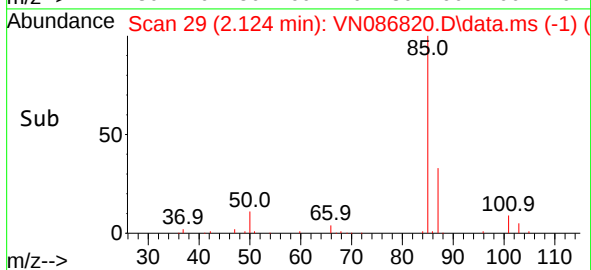
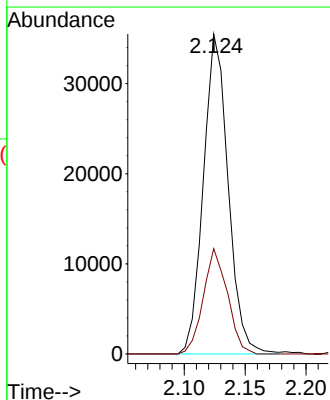
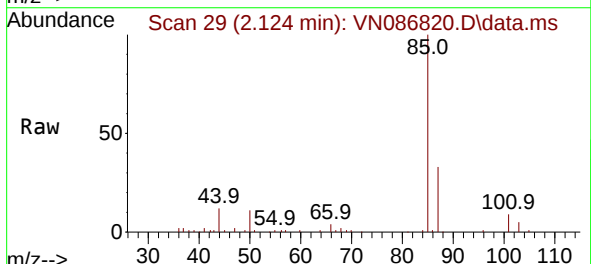
Manual Integrations
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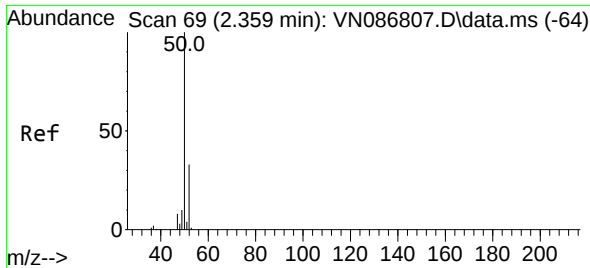
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#2
Dichlorodifluoromethane
Concen: 25.725 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN086820.D
Acq: 29 May 2025 17:25

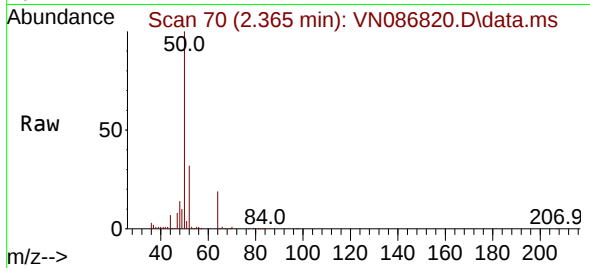
Tgt Ion: 85 Resp: 50160
Ion Ratio Lower Upper
85 100
87 32.9 15.9 47.7





#3
Chloromethane
Concen: 42.260 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN086820.D
Acq: 29 May 2025 17:25

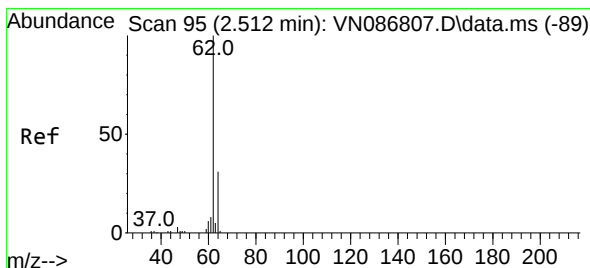
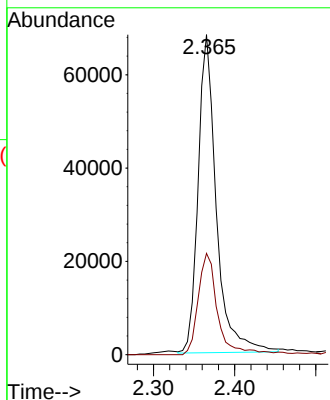
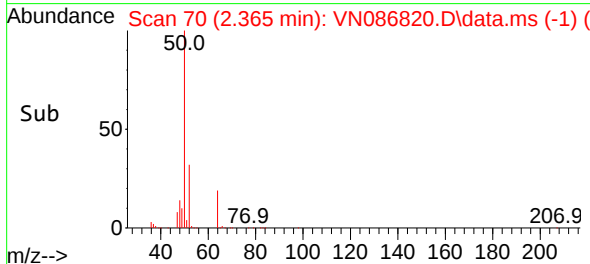
Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MS



Tgt Ion: 50 Resp: 10624
Ion Ratio Lower Upper
50 100
52 32.0 26.6 40.0

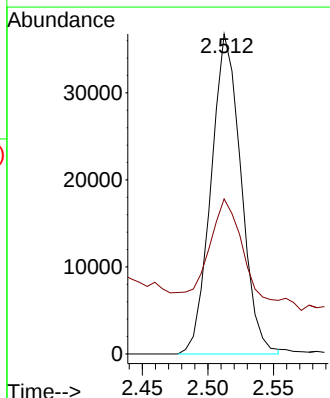
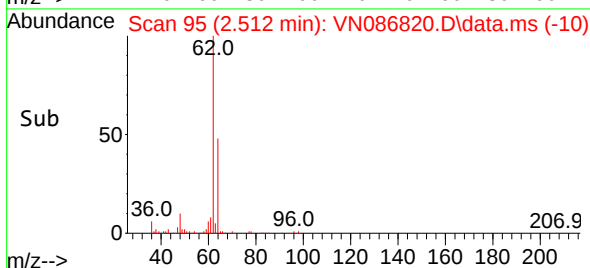
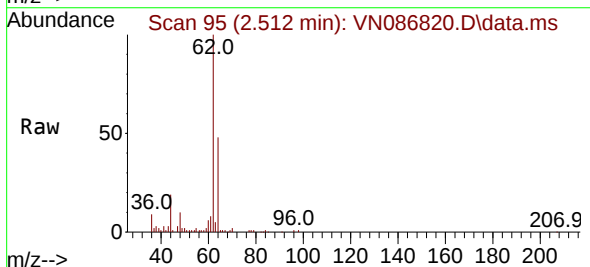
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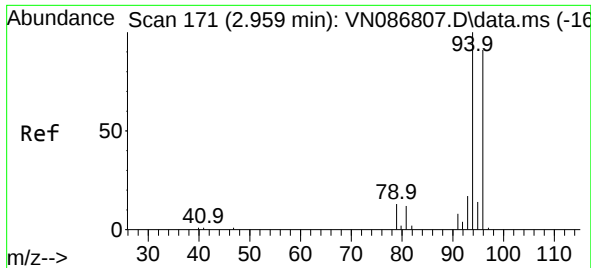
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#4
Vinyl Chloride
Concen: 25.243 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN086820.D
Acq: 29 May 2025 17:25

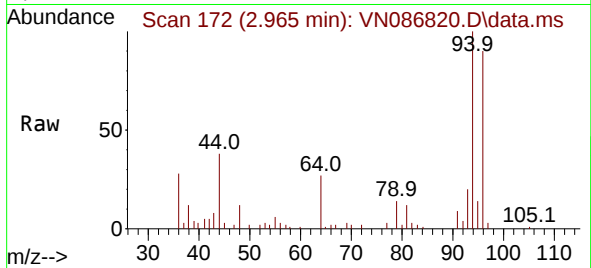
Tgt Ion: 62 Resp: 58401
Ion Ratio Lower Upper
62 100
64 31.7 24.6 36.8





#5
Bromomethane
Concen: 21.267 ug/l
RT: 2.965 min Scan# 171
Delta R.T. 0.006 min
Lab File: VN086820.D
Acq: 29 May 2025 17:25

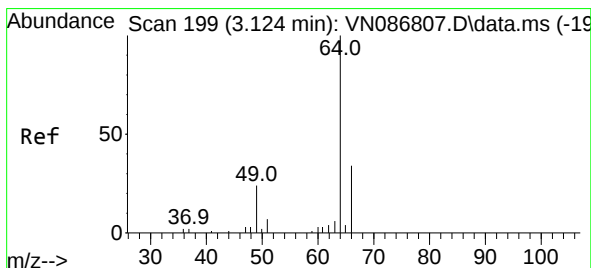
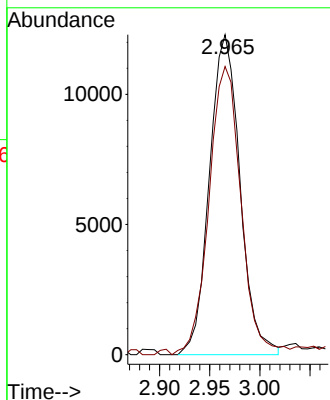
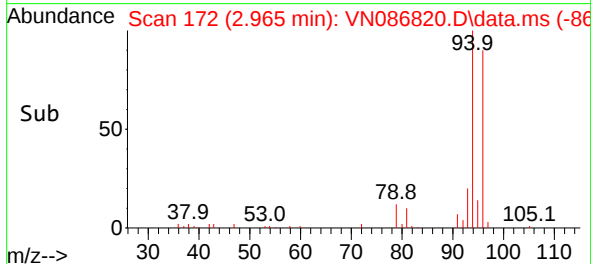
Instrument :
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Tgt Ion: 94 Resp: 26070
Ion Ratio Lower Upper
94 100
96 88.7 72.7 109.1

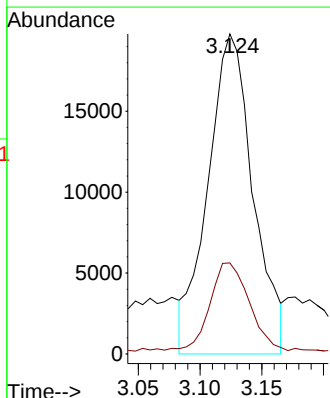
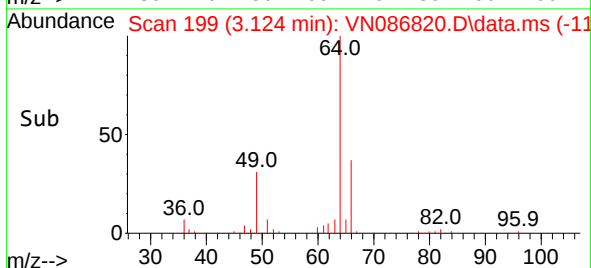
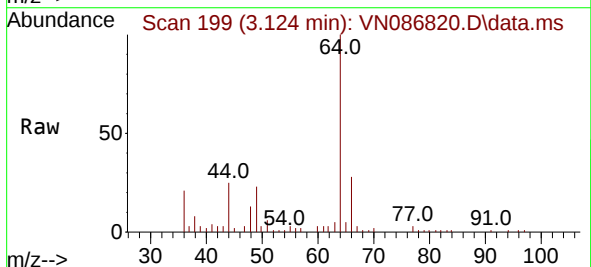
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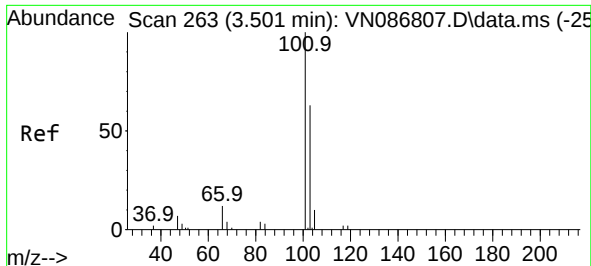
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#6
Chloroethane
Concen: 35.620 ug/l m
RT: 3.124 min Scan# 199
Delta R.T. 0.000 min
Lab File: VN086820.D
Acq: 29 May 2025 17:25

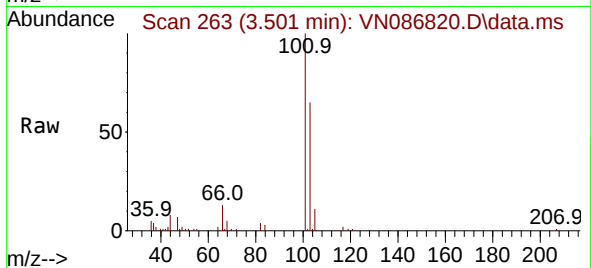
Tgt Ion: 64 Resp: 50404
Ion Ratio Lower Upper
64 100
66 28.5 27.5 41.3





#7
 Trichlorofluoromethane
 Concen: 25.383 ug/l
 RT: 3.501 min Scan# 263
 Delta R.T. 0.000 min
 Lab File: VN086820.D
 Acq: 29 May 2025 17:25

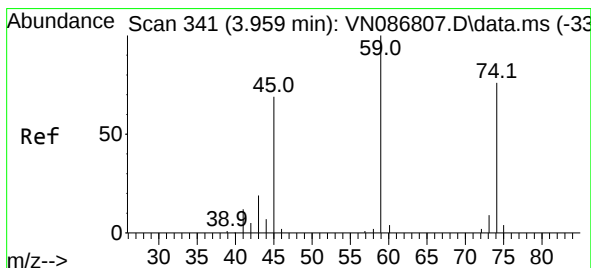
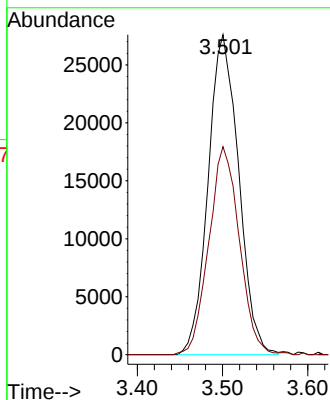
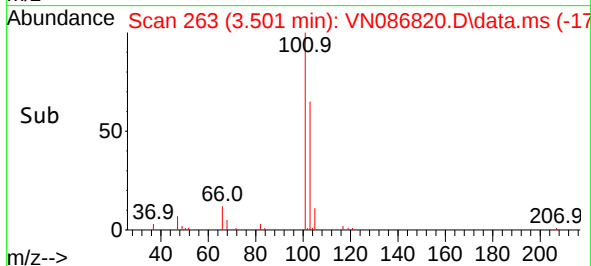
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Tgt Ion: 101 Resp: 6878
 Ion Ratio Lower Upper
 101 100
 103 64.4 50.0 75.0

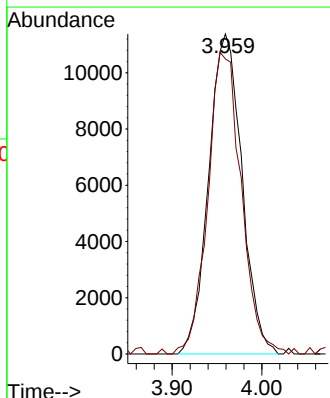
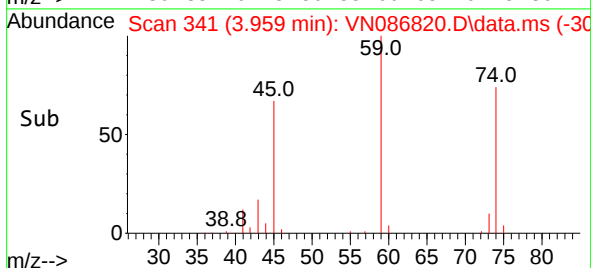
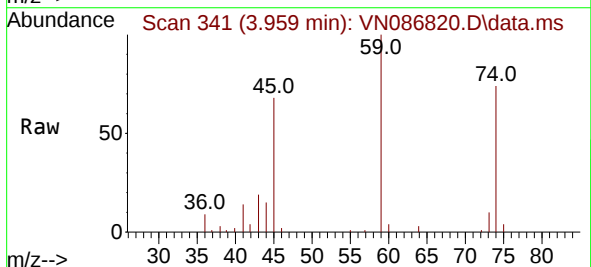
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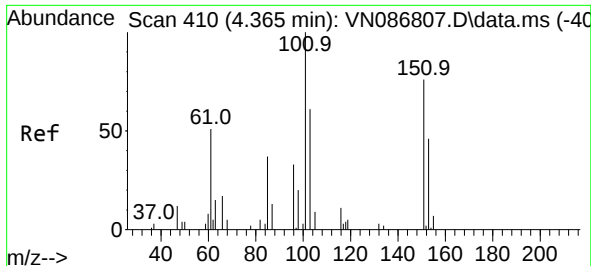
Reviewed By : John Carlone 05/30/2025
 Supervised By : Mahesh Dadoda 05/30/2025



#8
 Diethyl Ether
 Concen: 25.921 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VN086820.D
 Acq: 29 May 2025 17:25

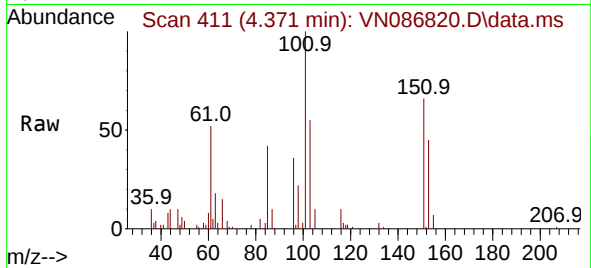
Tgt Ion: 74 Resp: 29299
 Ion Ratio Lower Upper
 74 100
 45 94.7 17.9 161.5





#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 26.596 ug/l
 RT: 4.371 min Scan# 411
 Delta R.T. 0.006 min
 Lab File: VN086820.D
 Acq: 29 May 2025 17:25

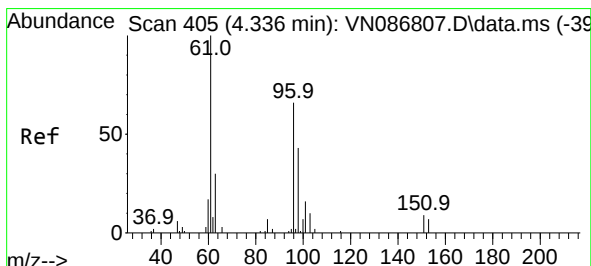
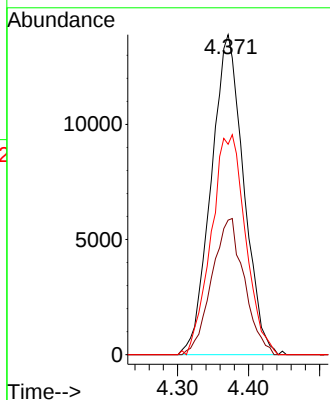
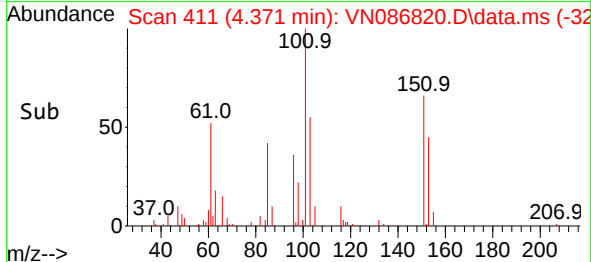
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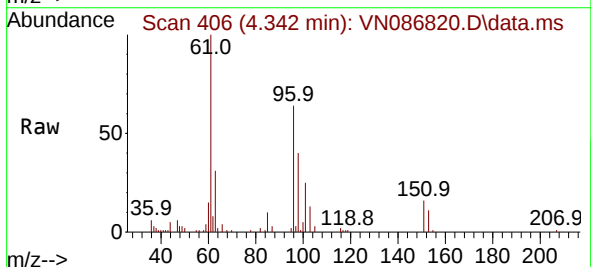
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 Ion Ratio Lower Upper
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 151 72.5 0.0 145.6

Manual Integrations
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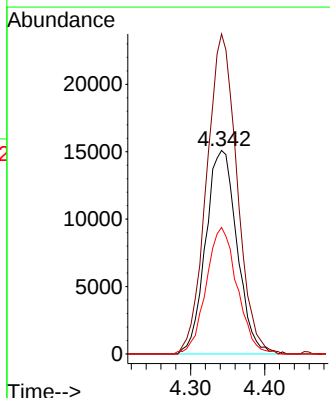
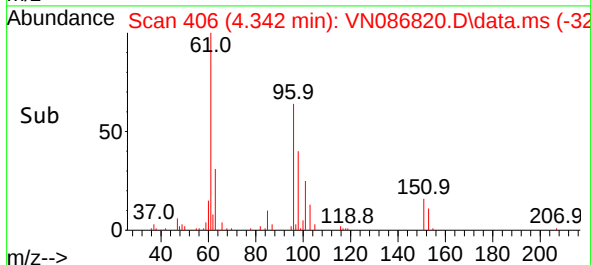
Reviewed By :John Carlone 05/30/2025
 Supervised By :Mahesh Dadoda 05/30/2025

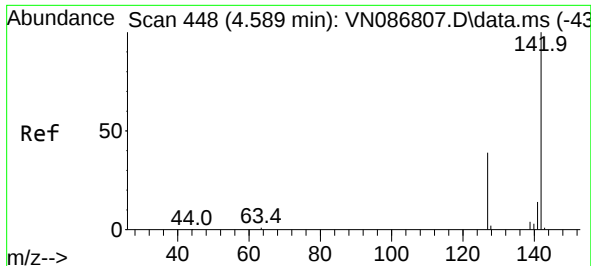


#10
 1,1-Dichloroethene
 Concen: 26.196 ug/l
 RT: 4.342 min Scan# 406
 Delta R.T. 0.006 min
 Lab File: VN086820.D
 Acq: 29 May 2025 17:25



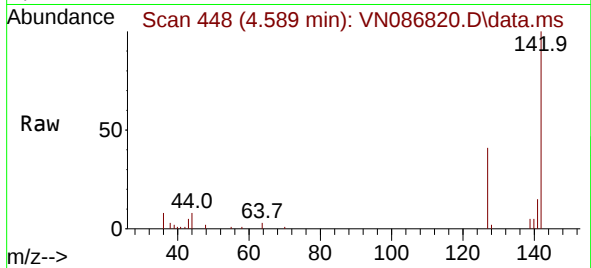
Tgt Ion: 96 Resp: 44351
 Ion Ratio Lower Upper
 96 100
 61 157.3 121.7 182.5
 98 62.2 51.9 77.9





#11
Methyl Iodide
Concen: 23.341 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN086820.D
Acq: 29 May 2025 17:25

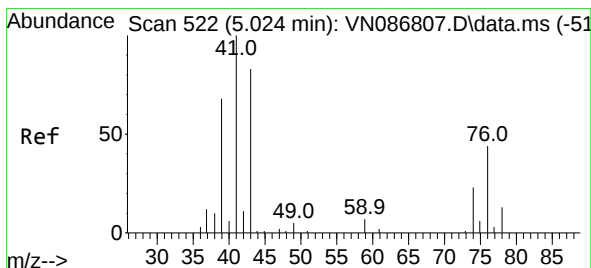
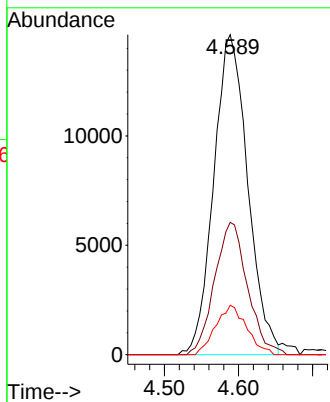
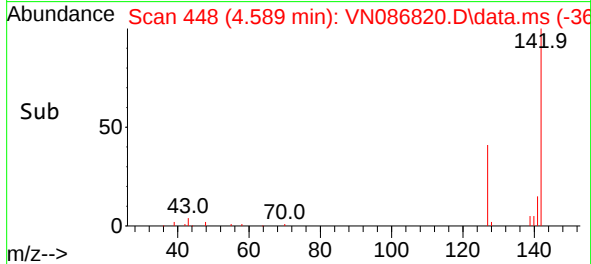
Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MS



Tgt Ion:142 Resp: 46584
Ion Ratio Lower Upper
142 100
127 41.1 19.5 58.5
141 15.7 7.1 21.4

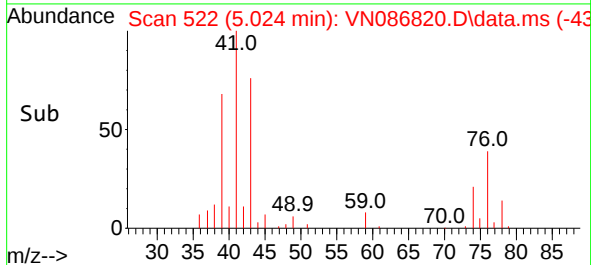
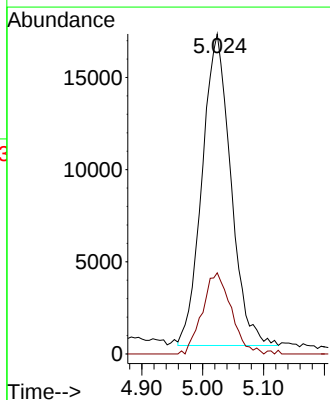
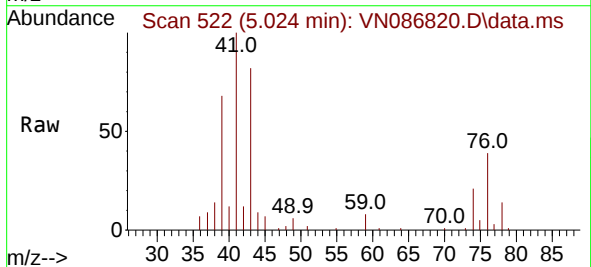
Manual Integrations
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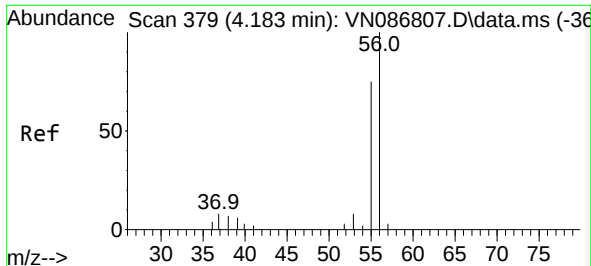
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#12
Methyl Acetate
Concen: 29.469 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN086820.D
Acq: 29 May 2025 17:25

Tgt Ion: 43 Resp: 55410
Ion Ratio Lower Upper
43 100
74 25.6 22.7 34.1





#13

Acrolein

Concen: 185.007 ug/l

RT: 4.177 min Scan# 31

Delta R.T. -0.006 min

Lab File: VN086820.D

Acq: 29 May 2025 17:25

Instrument :

MSVOA_N

ClientSampleId :

OUTFALL-DSN-001MS

Tgt Ion: 56 Resp: 35930

Ion Ratio Lower Upper

56 100

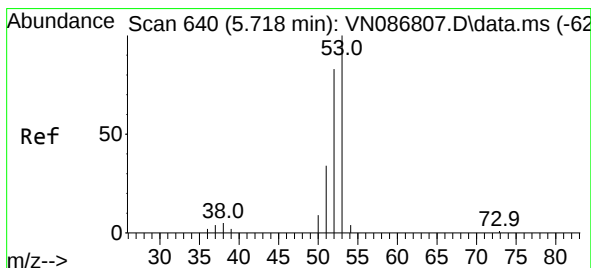
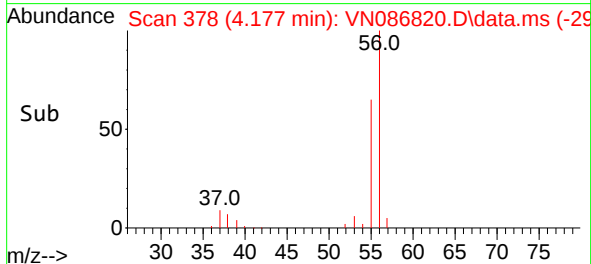
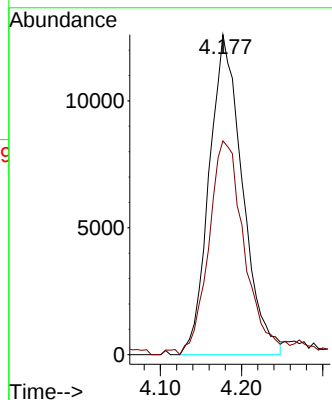
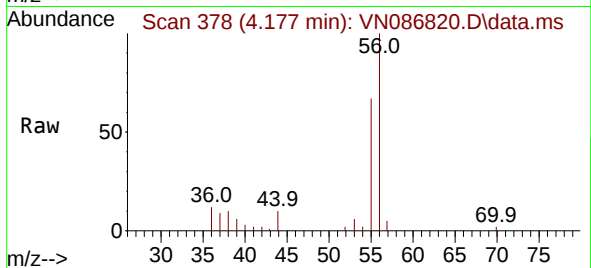
55 71.7 55.9 83.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2025

Supervised By :Mahesh Dadoda 05/30/2025



#14

Acrylonitrile

Concen: 132.486 ug/l

RT: 5.718 min Scan# 640

Delta R.T. 0.000 min

Lab File: VN086820.D

Acq: 29 May 2025 17:25

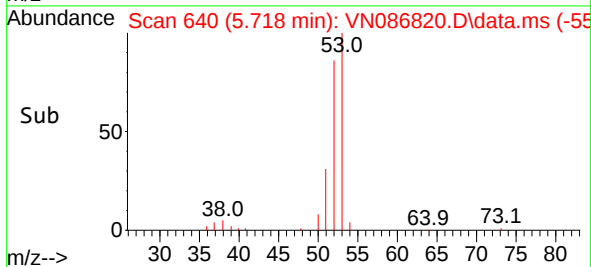
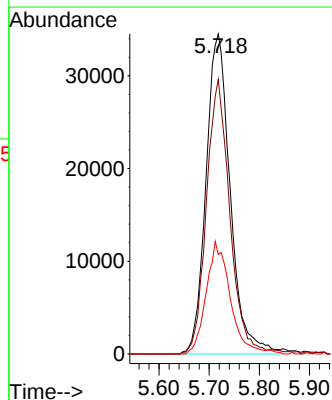
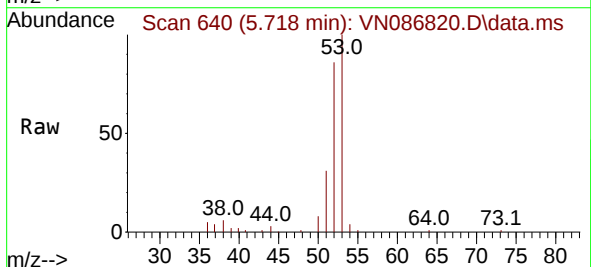
Tgt Ion: 53 Resp: 115923

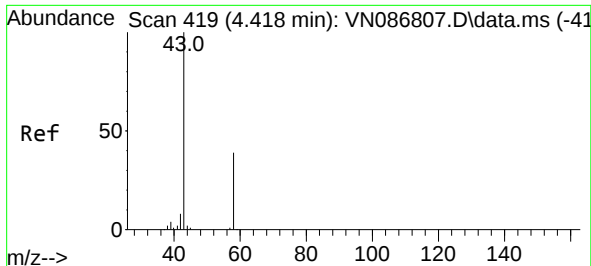
Ion Ratio Lower Upper

53 100

52 82.3 40.0 119.9

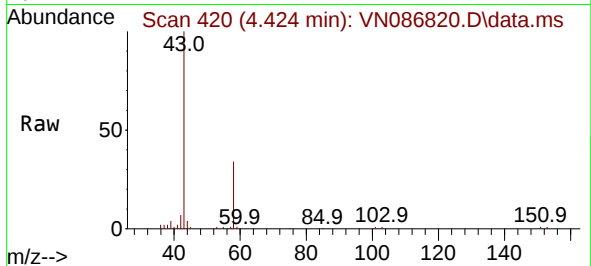
51 34.6 17.5 52.6





#15
Acetone
Concen: 410.638 ug/l
RT: 4.424 min Scan# 419
Delta R.T. 0.006 min
Lab File: VN086820.D
Acq: 29 May 2025 17:25

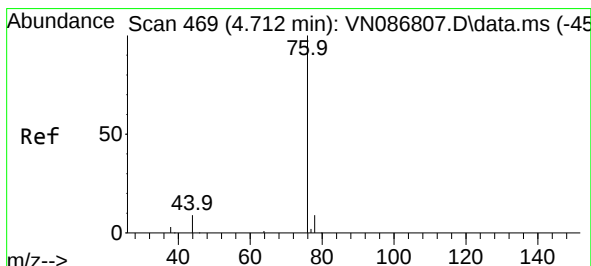
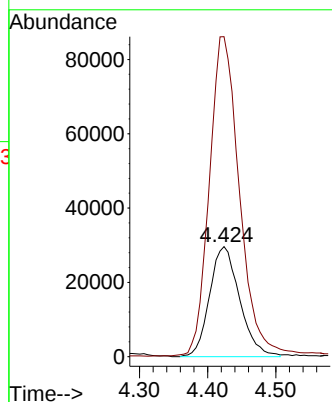
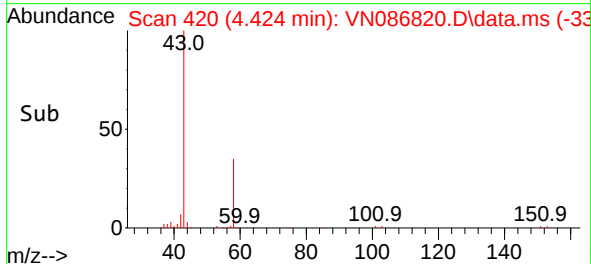
Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MS



Tgt Ion: 58 Resp: 90973
Ion Ratio Lower Upper
58 100
43 289.1 207.7 311.5

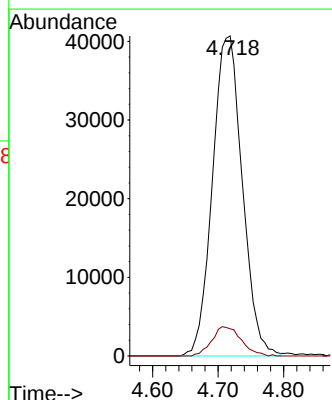
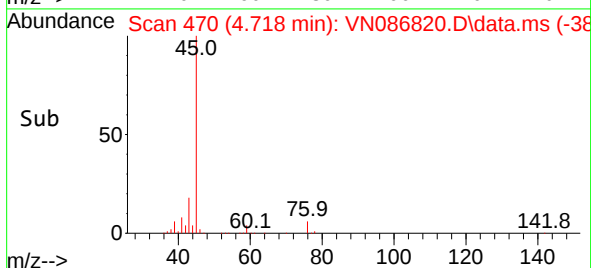
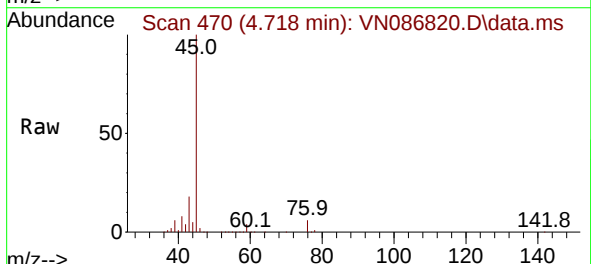
Manual Integrations
APPROVED

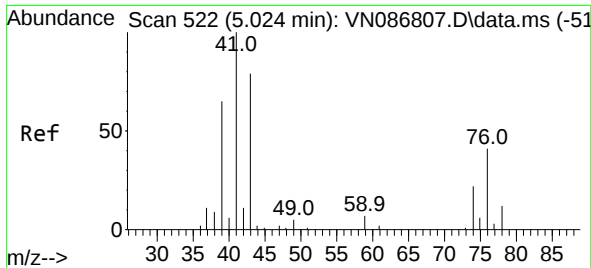
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#16
Carbon Disulfide
Concen: 25.982 ug/l
RT: 4.718 min Scan# 470
Delta R.T. 0.006 min
Lab File: VN086820.D
Acq: 29 May 2025 17:25

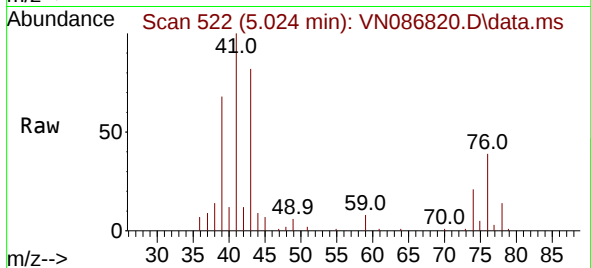
Tgt Ion: 76 Resp: 128408
Ion Ratio Lower Upper
76 100
78 8.5 7.2 10.8





#17
 Allyl chloride
 Concen: 27.200 ug/l
 RT: 5.024 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VN086820.D
 Acq: 29 May 2025 17:25

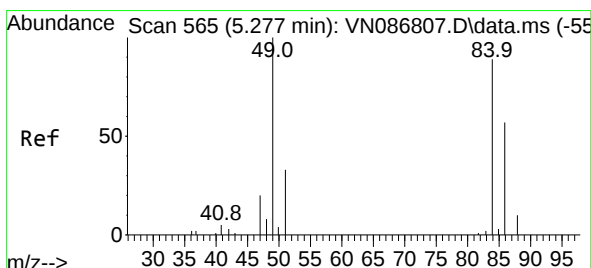
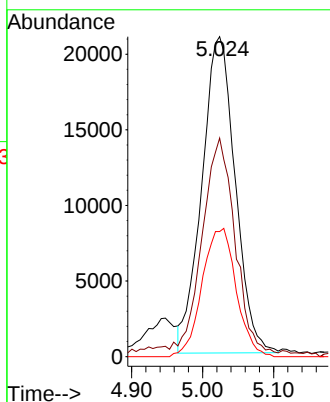
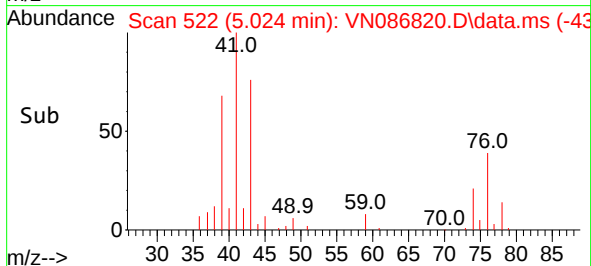
Instrument :
 MSVOA_N
 ClientSampleId :
 OUTFALL-DSN-001MS



Tgt Ion:	41	Resp:	68414
Ion	Ratio	Lower	Upper
41	100		
39	68.3	31.6	94.8
76	39.8	20.1	60.2

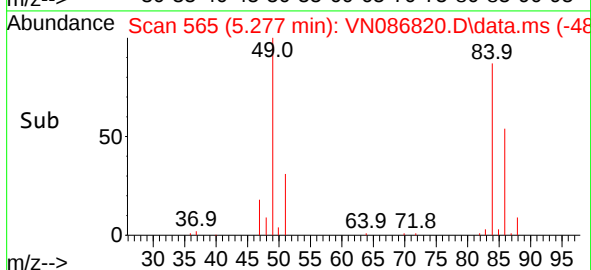
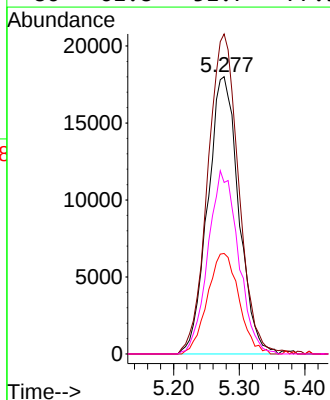
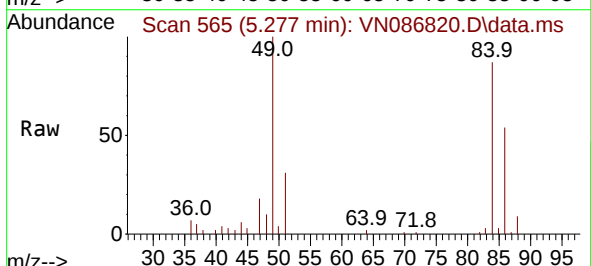
Manual Integrations
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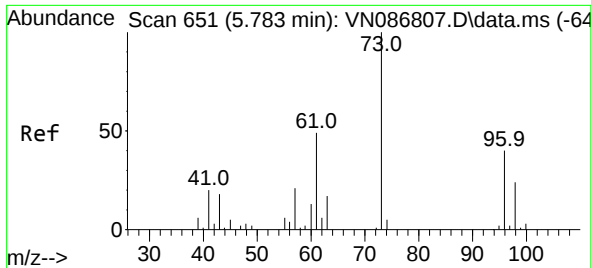
Reviewed By :John Carlone 05/30/2025
 Supervised By :Mahesh Dadoda 05/30/2025



#18
 Methylene Chloride
 Concen: 30.042 ug/l
 RT: 5.277 min Scan# 565
 Delta R.T. 0.000 min
 Lab File: VN086820.D
 Acq: 29 May 2025 17:25

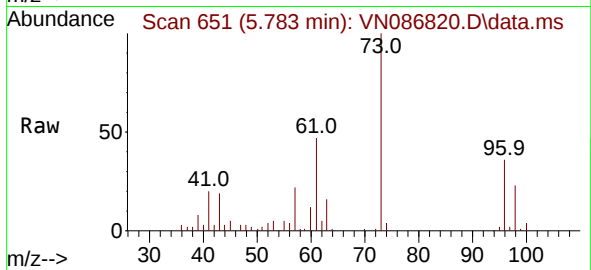
Tgt Ion:	84	Resp:	59069
Ion	Ratio	Lower	Upper
84	100		
49	115.4	89.9	134.9
51	36.2	29.6	44.4
86	61.8	51.7	77.5





#19
trans-1,2-Dichloroethene
Concen: 26.026 ug/l
RT: 5.783 min Scan# 651
Delta R.T. 0.000 min
Lab File: VN086820.D
Acq: 29 May 2025 17:25

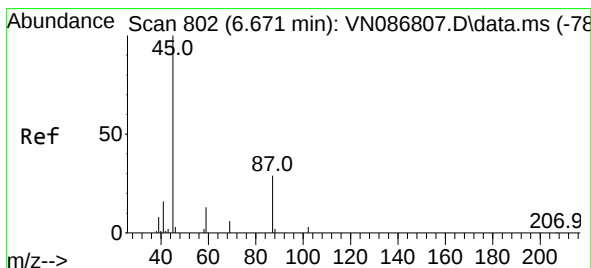
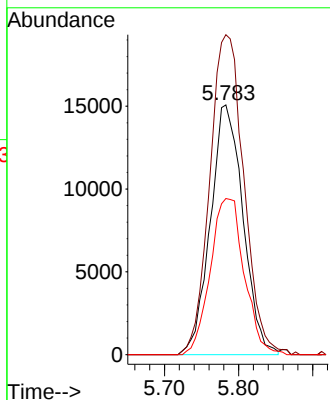
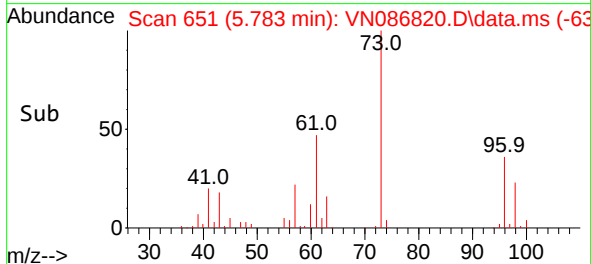
Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MS



Tgt Ion: 96 Resp: 4611
Ion Ratio Lower Upper
96 100
61 128.1 98.9 148.3
98 62.5 49.0 73.4

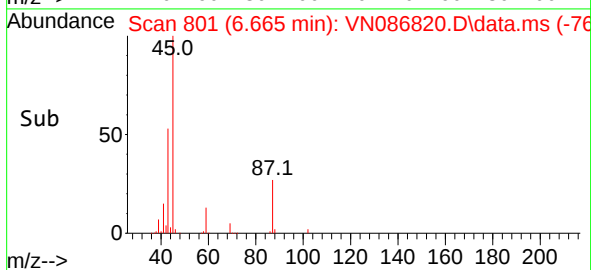
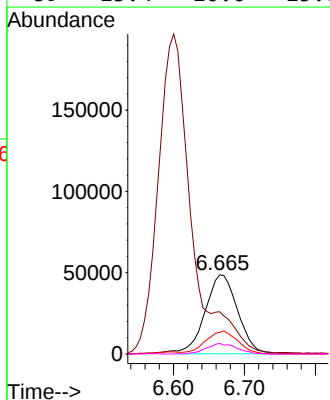
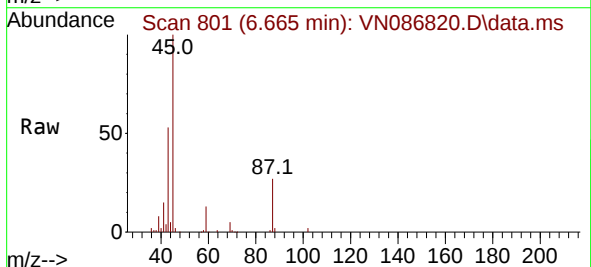
Manual Integrations
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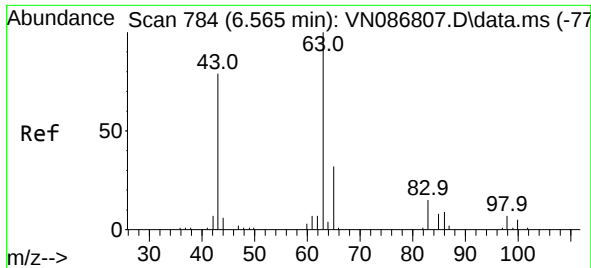
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#20
Diisopropyl ether
Concen: 27.676 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.006 min
Lab File: VN086820.D
Acq: 29 May 2025 17:25

Tgt Ion: 45 Resp: 153311
Ion Ratio Lower Upper
45 100
43 51.9 40.3 60.5
87 27.5 24.1 36.1
59 13.4 10.0 15.0





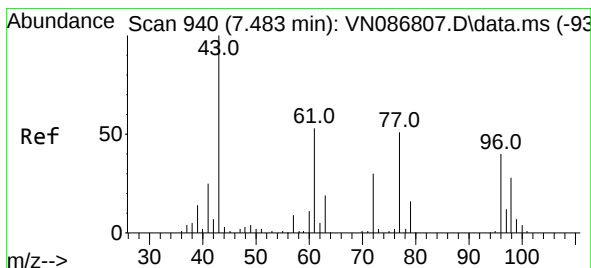
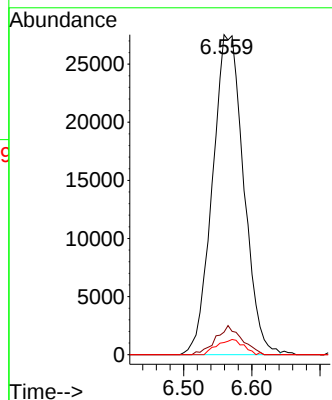
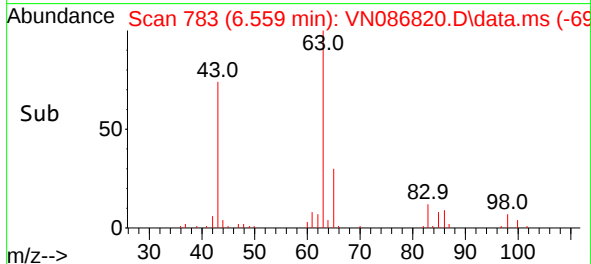
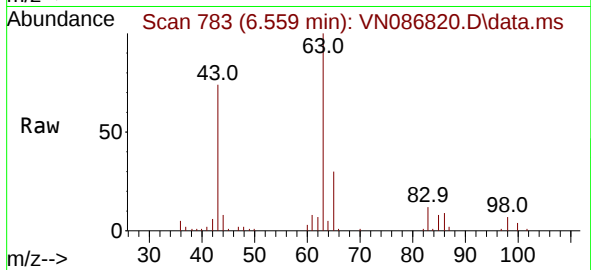
#21
1,1-Dichloroethane
Concen: 26.235 ug/l
RT: 6.559 min Scan# 71
Delta R.T. -0.006 min
Lab File: VN086820.D
Acq: 29 May 2025 17:25

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MS

Tgt Ion: 63 Resp: 87700
Ion Ratio Lower Upper
63 100
98 7.0 3.8 11.2
100 3.8 2.3 6.8

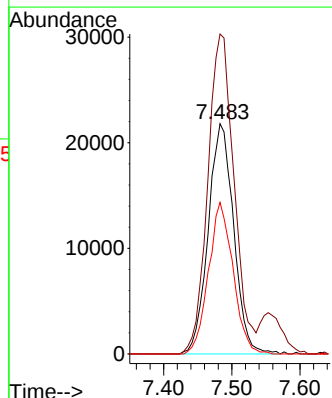
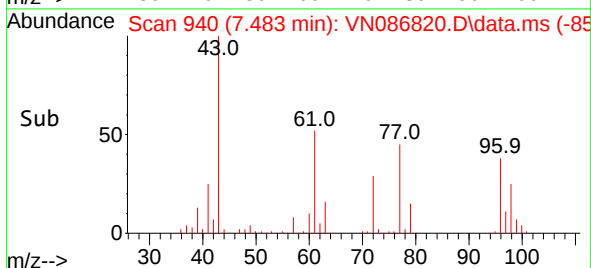
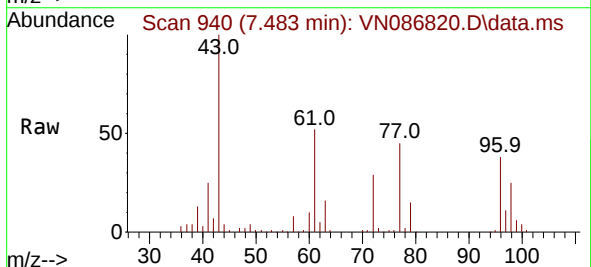
Manual Integrations
APPROVED

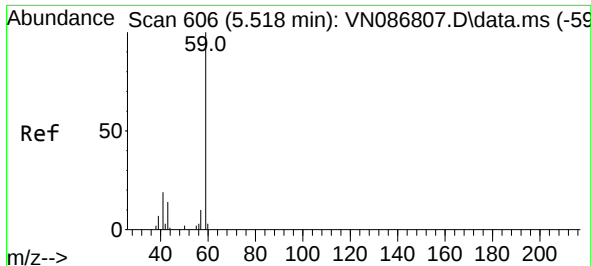
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#22
cis-1,2-Dichloroethene
Concen: 26.433 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN086820.D
Acq: 29 May 2025 17:25

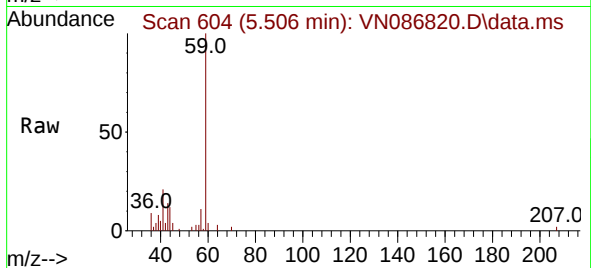
Tgt Ion: 96 Resp: 56717
Ion Ratio Lower Upper
96 100
61 143.3 110.7 166.1
98 63.3 51.8 77.8





#23
tert-Butyl Alcohol
Concen: 148.967 ug/l
RT: 5.506 min Scan# 604
Delta R.T. -0.012 min
Lab File: VN086820.D
Acq: 29 May 2025 17:25

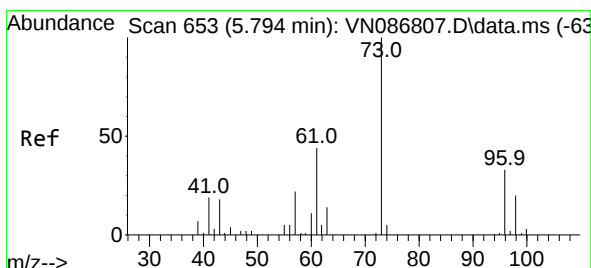
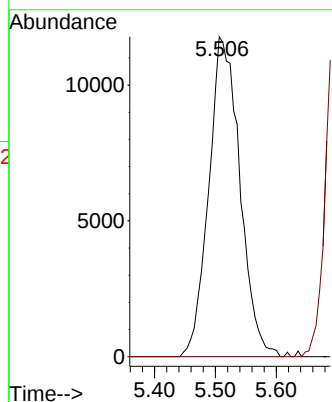
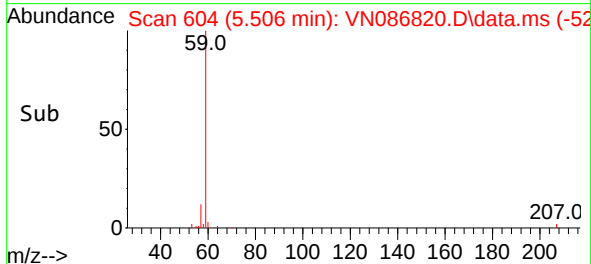
Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MS



Tgt Ion: 59 Resp: 4185
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

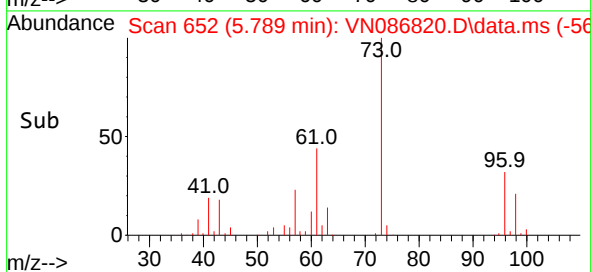
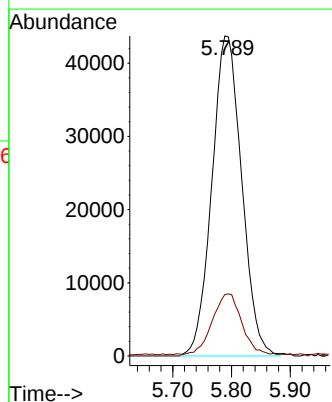
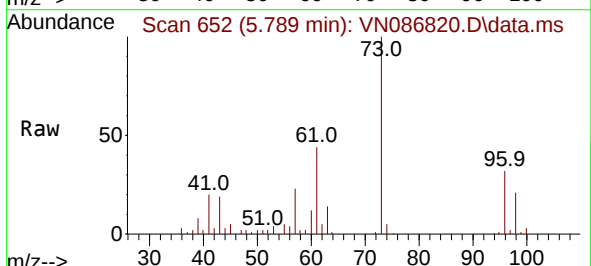
Manual Integrations
APPROVED

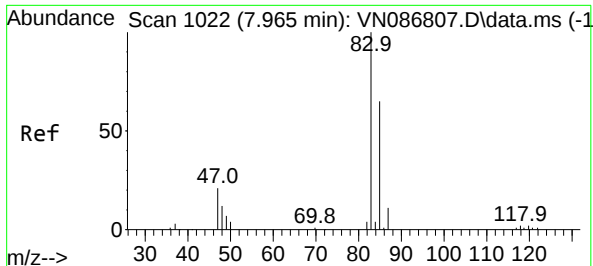
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#24
Methyl tert-Butyl Ether
Concen: 27.602 ug/l
RT: 5.789 min Scan# 652
Delta R.T. -0.006 min
Lab File: VN086820.D
Acq: 29 May 2025 17:25

Tgt Ion: 73 Resp: 154017
Ion Ratio Lower Upper
73 100
43 18.7 14.6 22.0





#25

Chloroform

Concen: 55.566 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VN086820.D

Acq: 29 May 2025 17:25

Instrument :

MSVOA_N

ClientSampleId :

OUTFALL-DSN-001MS

Tgt Ion: 83 Resp: 18181

Ion Ratio Lower Upper

83 100

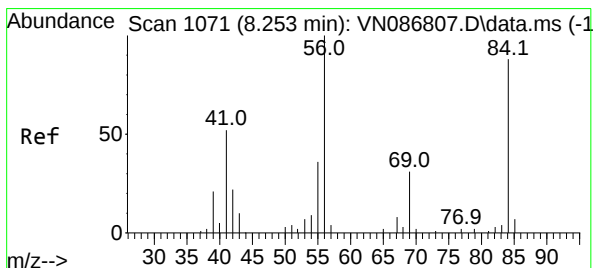
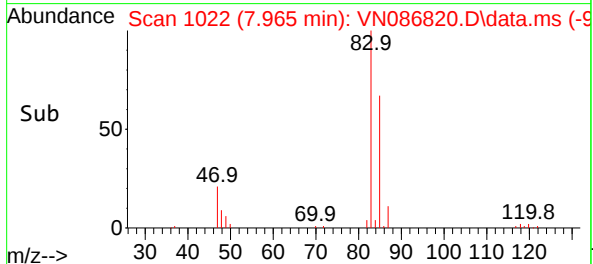
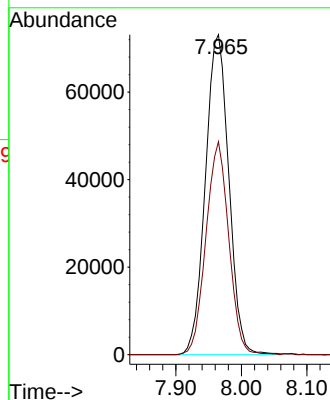
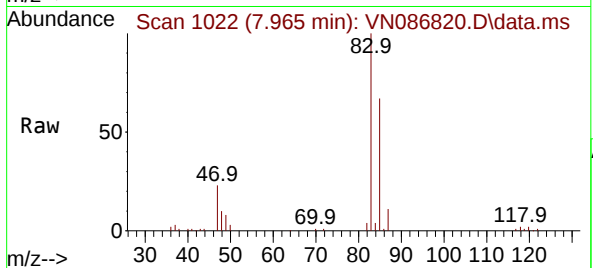
85 66.5 51.8 77.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2025

Supervised By :Mahesh Dadoda 05/30/2025



#26

Cyclohexane

Concen: 27.478 ug/l

RT: 8.253 min Scan# 1071

Delta R.T. 0.000 min

Lab File: VN086820.D

Acq: 29 May 2025 17:25

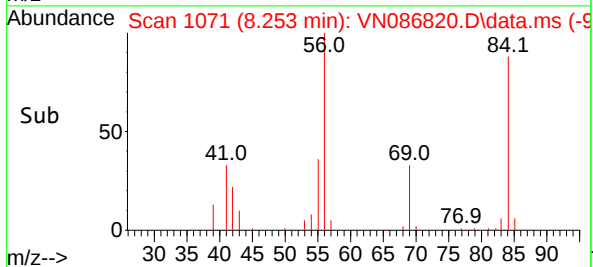
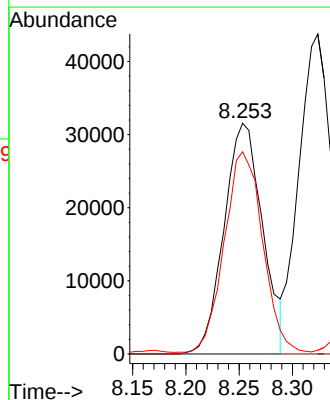
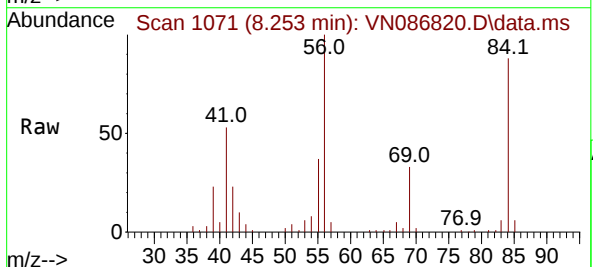
Tgt Ion: 56 Resp: 79504

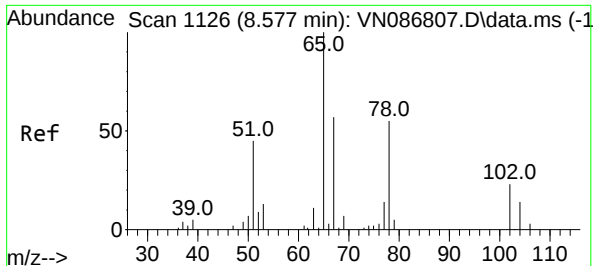
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 88.1 70.4 105.6





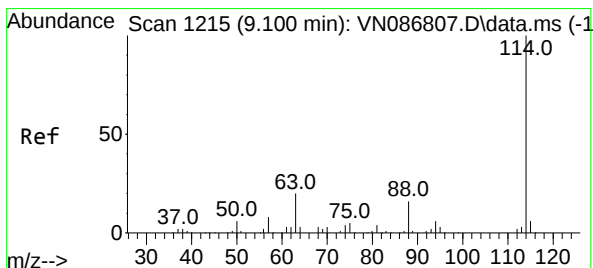
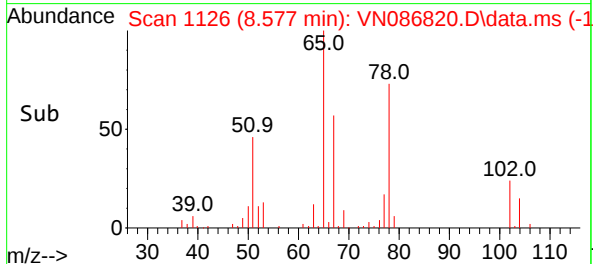
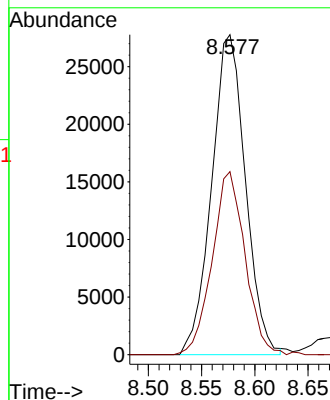
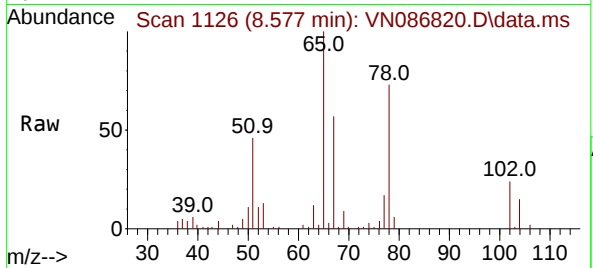
#27
1,2-Dichloroethane-d4
Concen: 31.054 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN086820.D
Acq: 29 May 2025 17:25

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MS

Tgt Ion: 65 Resp: 6125
Ion Ratio Lower Upper
65 100
67 55.4 44.6 67.0

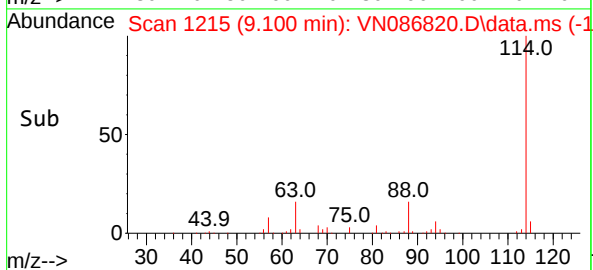
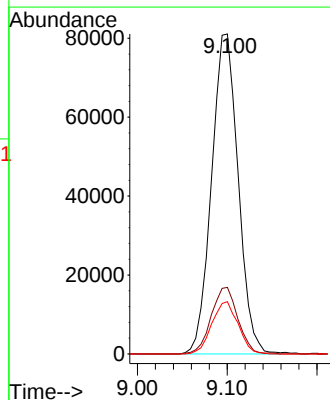
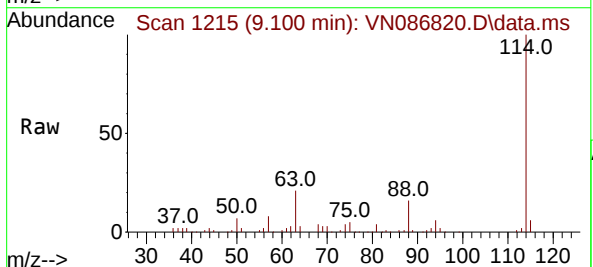
Manual Integrations
APPROVED

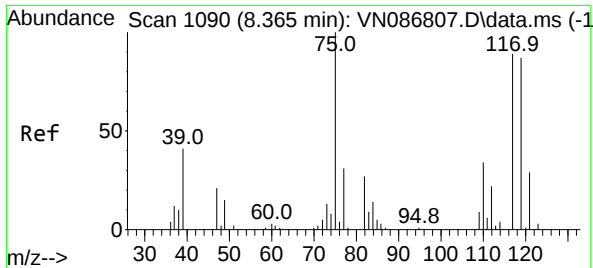
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN086820.D
Acq: 29 May 2025 17:25

Tgt Ion:114 Resp: 167048
Ion Ratio Lower Upper
114 100
63 20.8 15.8 23.8
88 16.1 12.9 19.3





#29

1,1-Dichloropropene

Concen: 25.848 ug/l

RT: 8.371 min Scan# 1090

Delta R.T. 0.006 min

Lab File: VN086820.D

Acq: 29 May 2025 17:25

Instrument :

MSVOA_N

ClientSampleId :

OUTFALL-DSN-001MS

Tgt Ion: 75 Resp: 6348

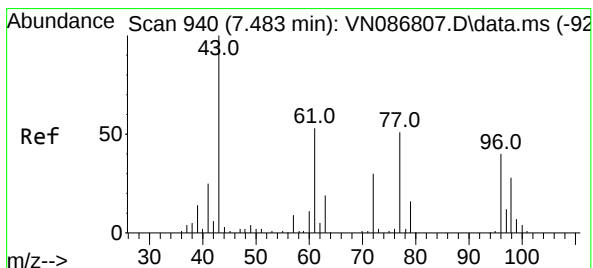
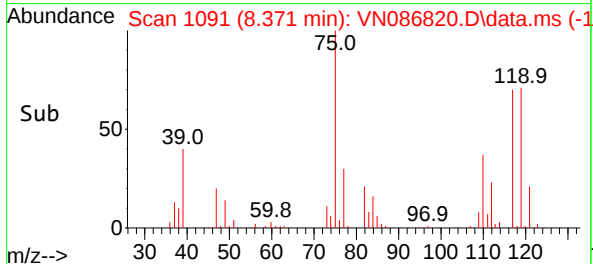
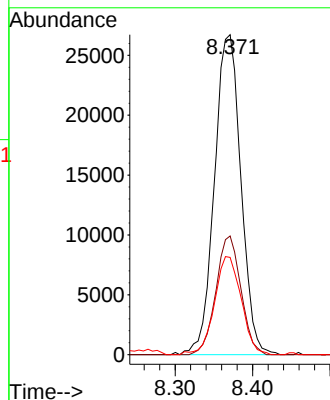
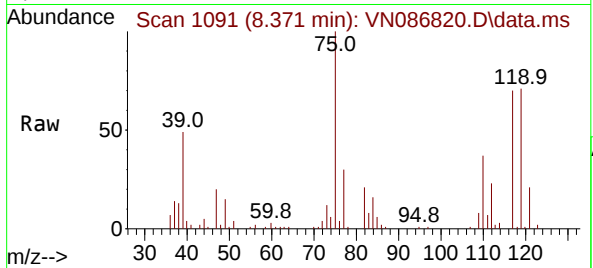
Ion	Ratio	Lower	Upper
75	100		
110	35.0	0.0	71.0
77	30.7	0.0	62.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2025

Supervised By :Mahesh Dadoda 05/30/2025



#30

2-Butanone

Concen: 141.557 ug/l

RT: 7.483 min Scan# 940

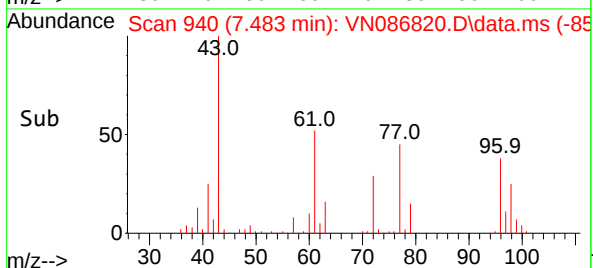
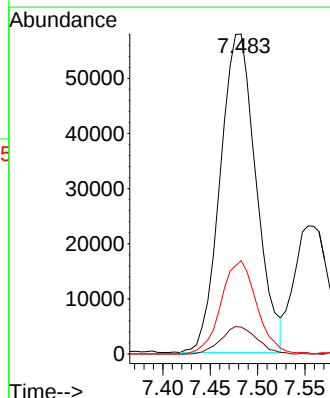
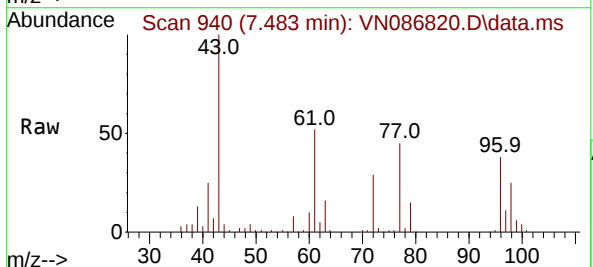
Delta R.T. 0.000 min

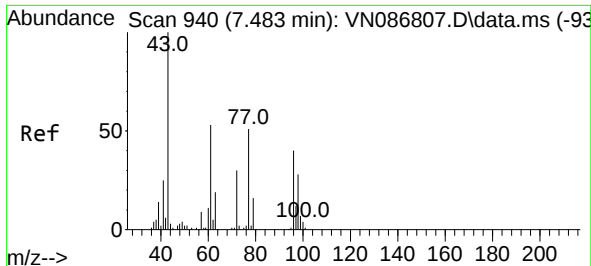
Lab File: VN086820.D

Acq: 29 May 2025 17:25

Tgt Ion: 43 Resp: 152335

Ion	Ratio	Lower	Upper
43	100		
57	8.6	6.8	10.2
72	29.0	23.4	35.0





#31

2,2-Dichloropropane

Concen: 26.452 ug/l

RT: 7.489 min Scan# 940

Delta R.T. 0.006 min

Lab File: VN086820.D

Acq: 29 May 2025 17:25

Instrument :

MSVOA_N

ClientSampleId :

OUTFALL-DSN-001MS

Tgt Ion: 77 Resp: 76690

Ion Ratio Lower Upper

77 100

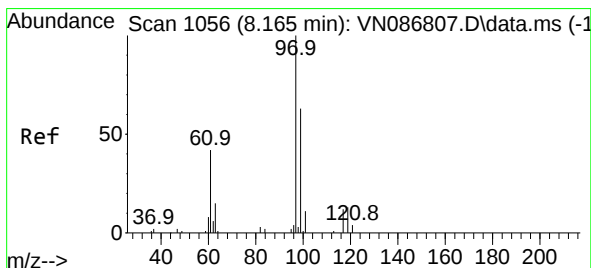
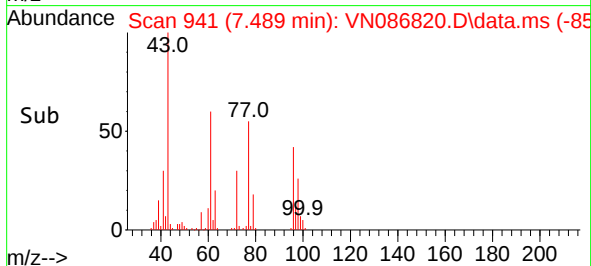
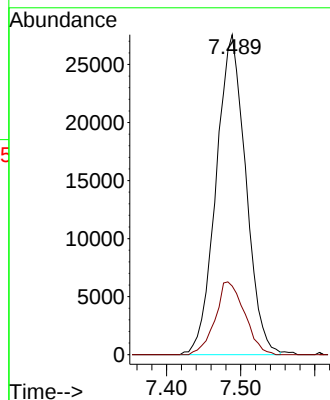
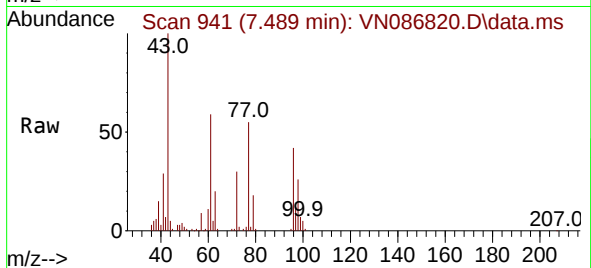
97 22.5 18.6 27.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2025

Supervised By :Mahesh Dadoda 05/30/2025



#32

1,1,1-Trichloroethane

Concen: 26.305 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN086820.D

Acq: 29 May 2025 17:25

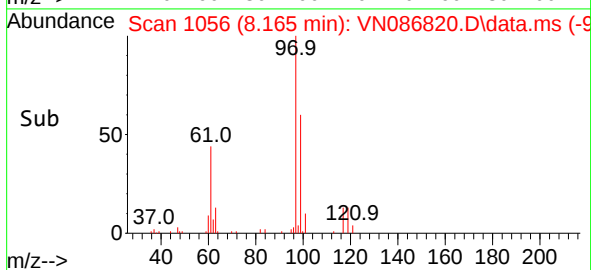
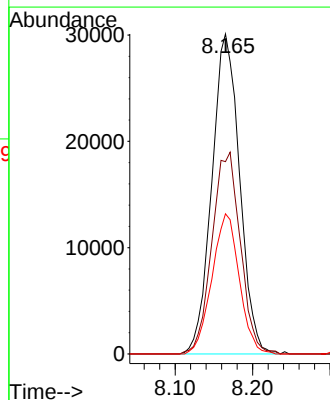
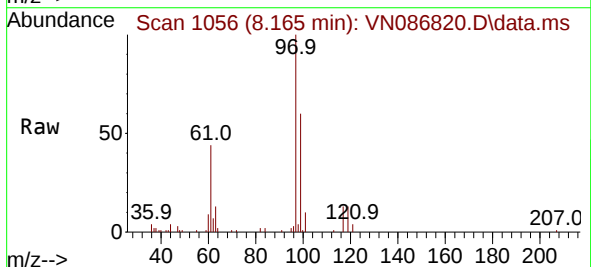
Tgt Ion: 97 Resp: 74894

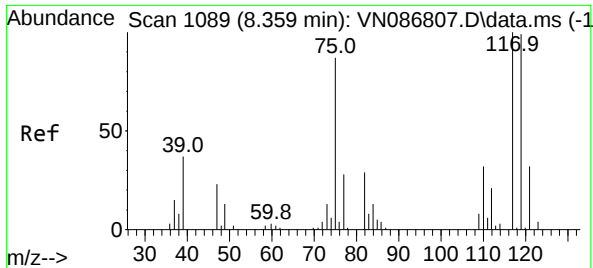
Ion Ratio Lower Upper

97 100

99 64.5 51.7 77.5

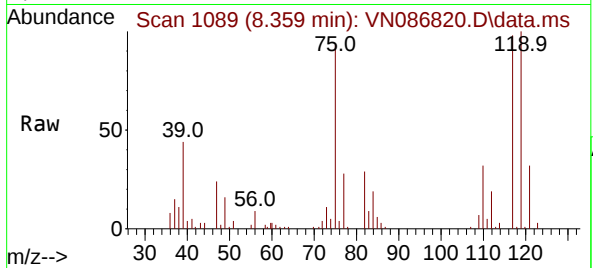
61 43.2 35.4 53.2





#33
Carbon Tetrachloride
Concen: 25.226 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN086820.D
Acq: 29 May 2025 17:25

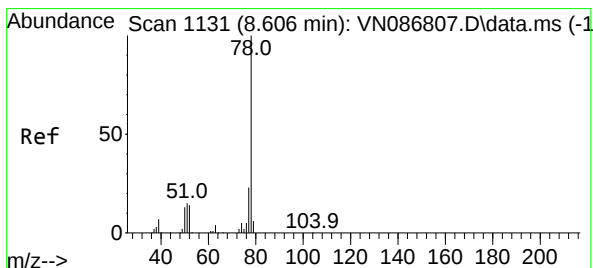
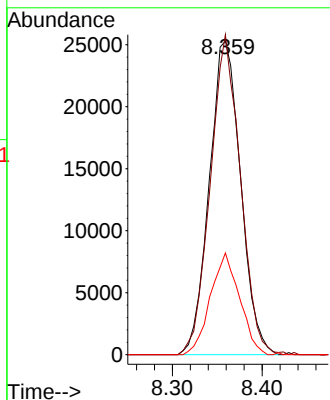
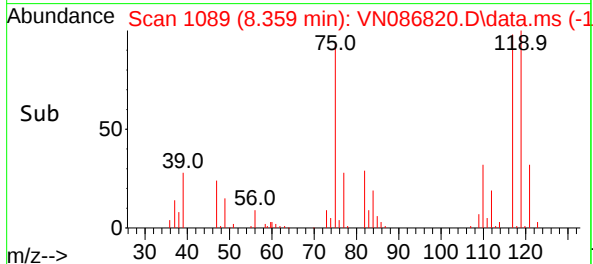
Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MS



Tgt Ion:117 Resp: 61394
Ion Ratio Lower Upper
117 100
119 102.0 79.2 118.8
121 32.4 25.6 38.4

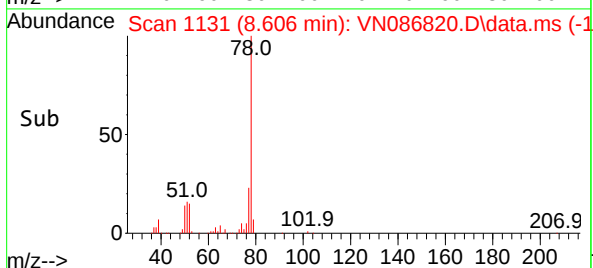
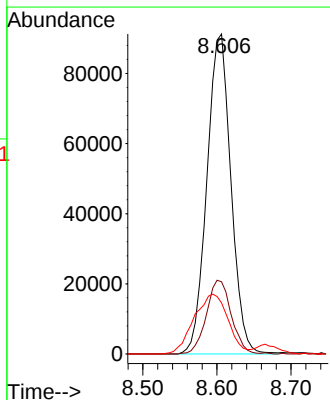
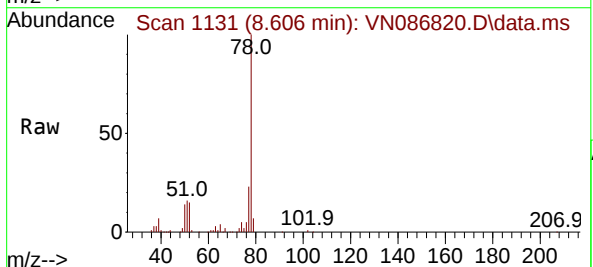
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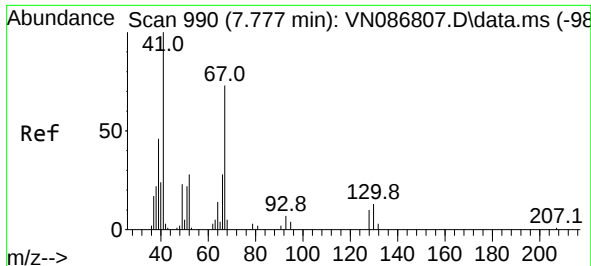
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#34
Benzene
Concen: 25.758 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN086820.D
Acq: 29 May 2025 17:25

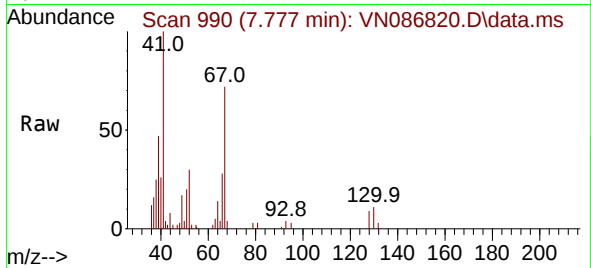
Tgt Ion: 78 Resp: 205839
Ion Ratio Lower Upper
78 100
77 22.6 18.2 27.2
51 14.3 11.9 17.9





#35
Methacrylonitrile
Concen: 30.116 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN086820.D
Acq: 29 May 2025 17:25

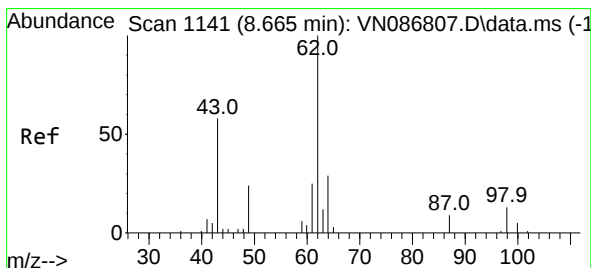
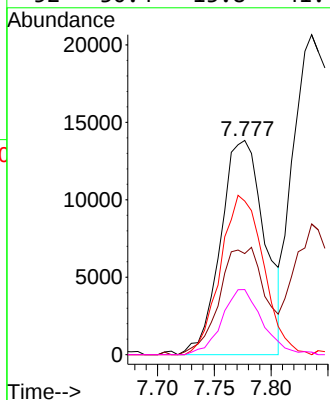
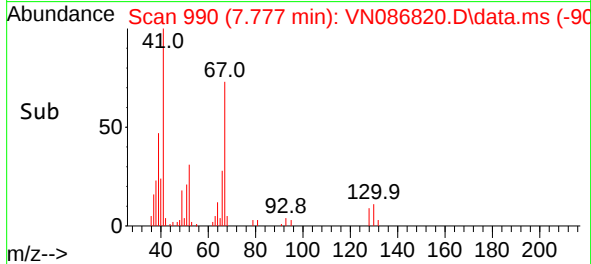
Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MS



Tgt Ion: 41 Resp: 37229
Ion Ratio Lower Upper
41 100
39 47.2 23.2 69.6
67 71.7 36.5 109.7
52 30.4 13.8 41.4

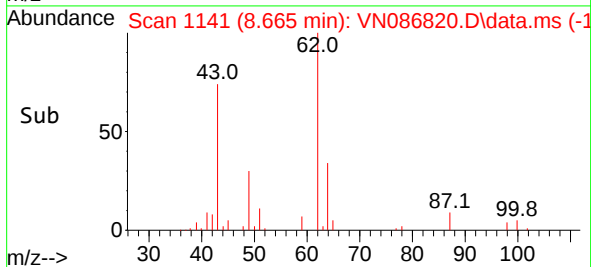
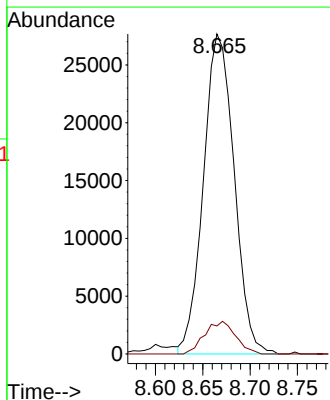
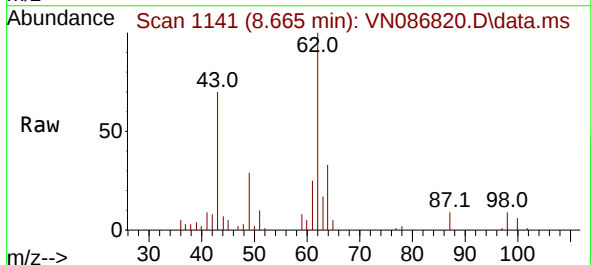
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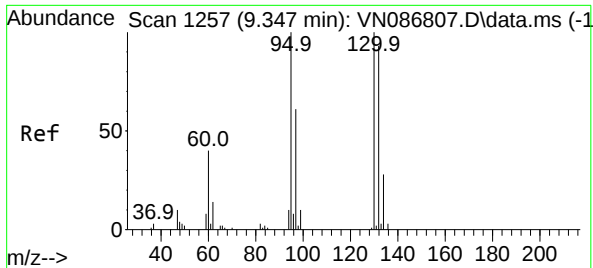
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#36
1,2-Dichloroethane
Concen: 26.680 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. 0.000 min
Lab File: VN086820.D
Acq: 29 May 2025 17:25

Tgt Ion: 62 Resp: 62478
Ion Ratio Lower Upper
62 100
98 10.3 8.5 12.7





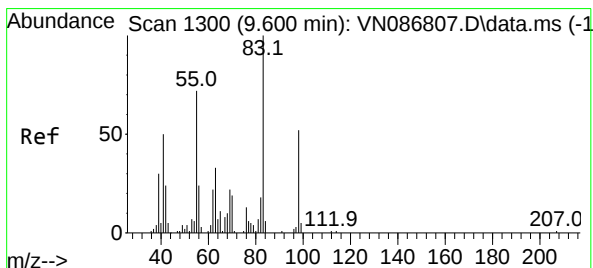
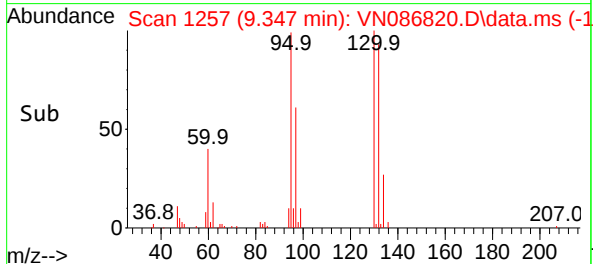
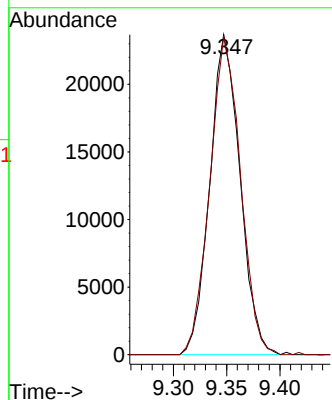
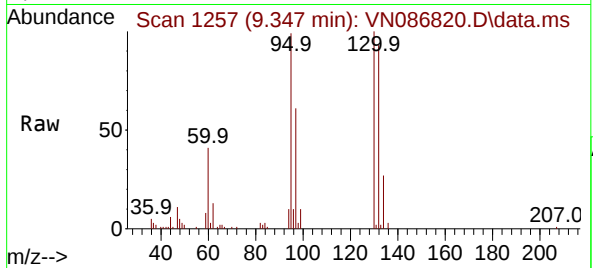
#37
Trichloroethene
Concen: 21.026 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. 0.000 min
Lab File: VN086820.D
Acq: 29 May 2025 17:25

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MS

Tgt Ion:130 Resp: 46608
Ion Ratio Lower Upper
130 100
95 99.4 80.3 120.5

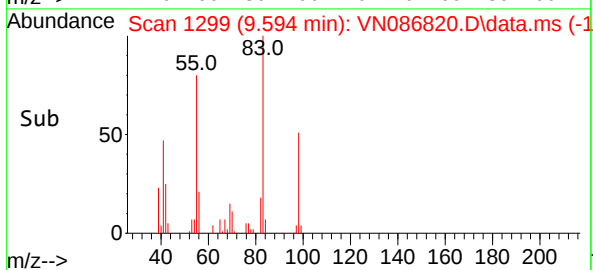
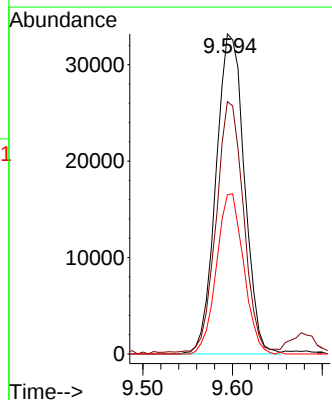
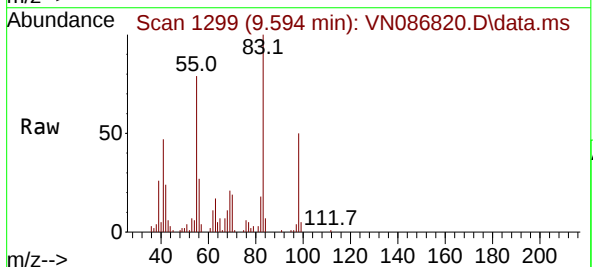
Manual Integrations
APPROVED

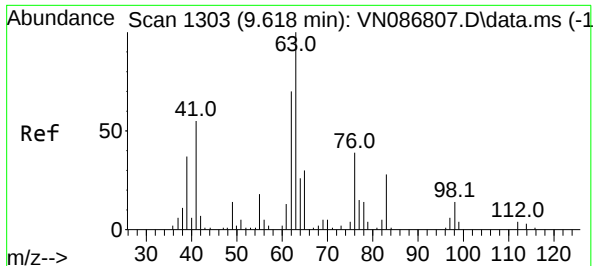
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#38
Methylcyclohexane
Concen: 26.753 ug/l
RT: 9.594 min Scan# 1299
Delta R.T. -0.006 min
Lab File: VN086820.D
Acq: 29 May 2025 17:25

Tgt Ion: 83 Resp: 72905
Ion Ratio Lower Upper
83 100
55 74.8 37.4 112.1
98 47.9 24.6 73.6





#39

1,2-Dichloropropane

Concen: 26.084 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. 0.000 min

Lab File: VN086820.D

Acq: 29 May 2025 17:25

Instrument :

MSVOA_N

ClientSampleId :

OUTFALL-DSN-001MS

Tgt Ion: 63 Resp: 50184

Ion Ratio Lower Upper

63 100

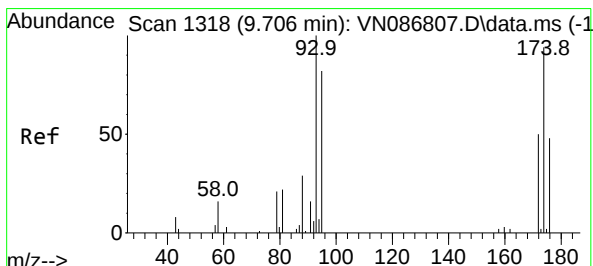
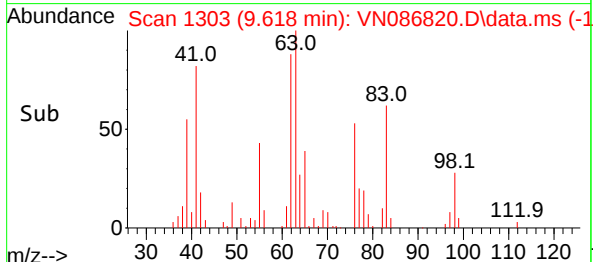
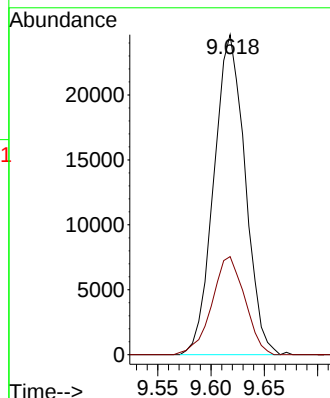
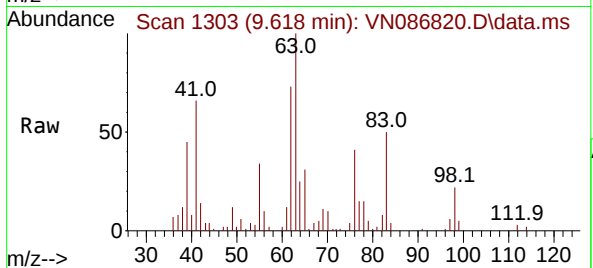
65 30.7 24.2 36.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2025

Supervised By :Mahesh Dadoda 05/30/2025



#40

Dibromomethane

Concen: 26.019 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.000 min

Lab File: VN086820.D

Acq: 29 May 2025 17:25

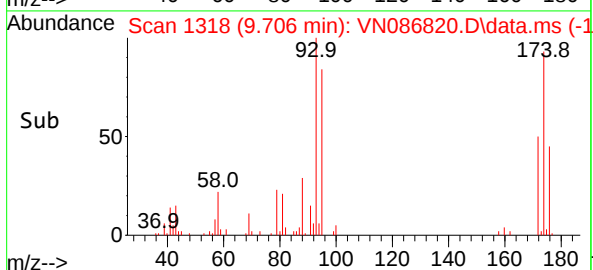
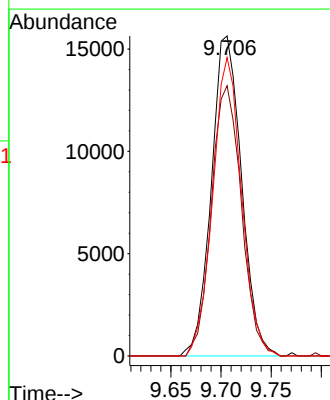
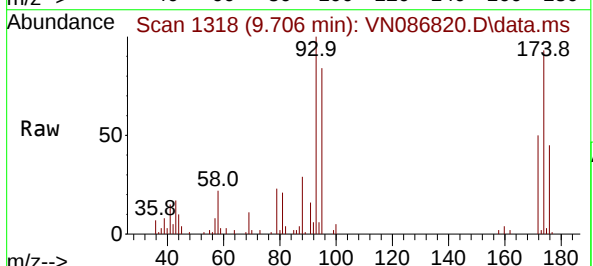
Tgt Ion: 93 Resp: 32741

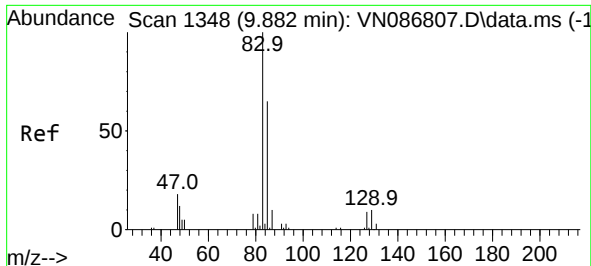
Ion Ratio Lower Upper

93 100

95 83.9 0.0 166.4

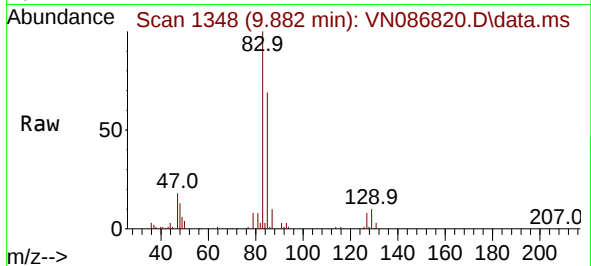
174 89.1 0.0 181.8





#41
Bromodichloromethane
Concen: 32.364 ug/l
RT: 9.882 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN086820.D
Acq: 29 May 2025 17:25

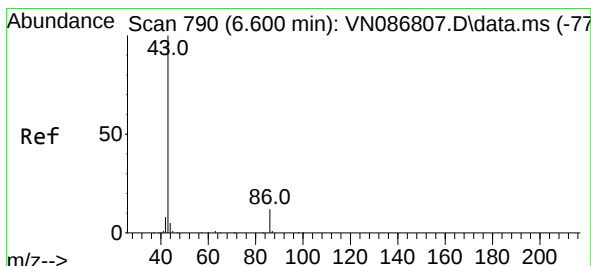
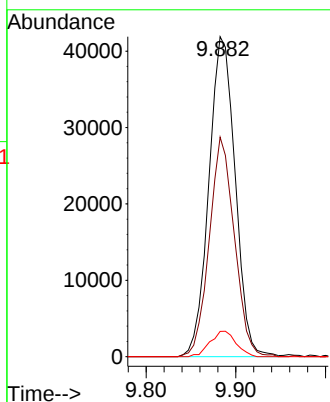
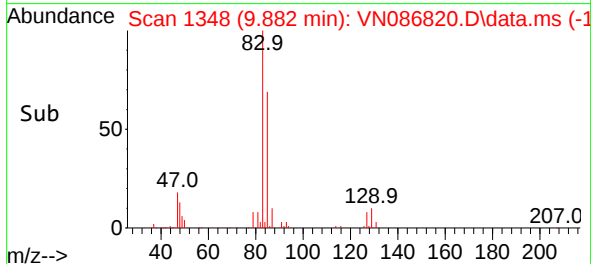
Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MS



Tgt Ion: 83 Resp: 85248
Ion Ratio Lower Upper
83 100
85 68.6 51.8 77.8
127 7.9 6.8 10.2

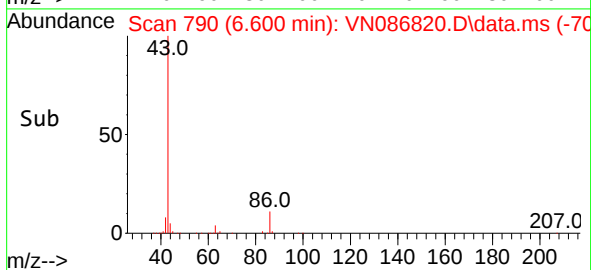
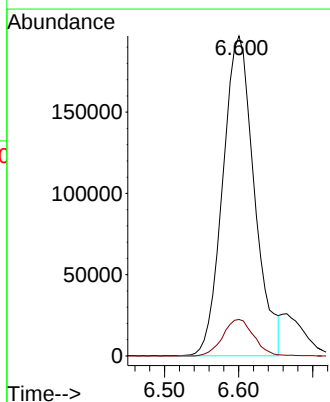
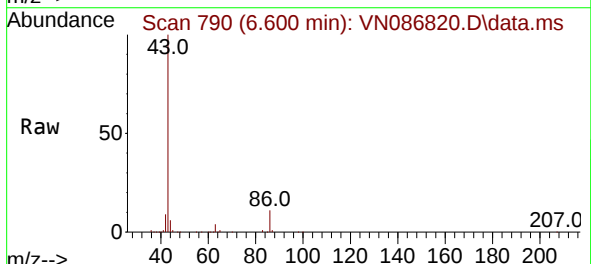
Manual Integrations
APPROVED

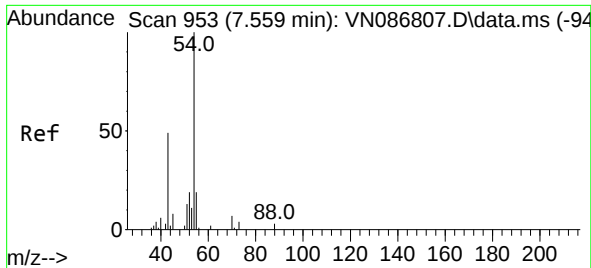
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#42
Vinyl Acetate
Concen: 185.580 ug/l
RT: 6.600 min Scan# 790
Delta R.T. 0.000 min
Lab File: VN086820.D
Acq: 29 May 2025 17:25

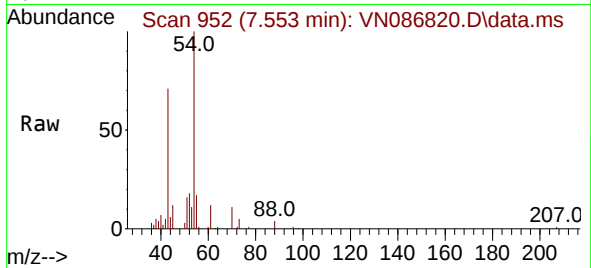
Tgt Ion: 43 Resp: 582133
Ion Ratio Lower Upper
43 100
86 11.3 9.5 14.3





#43
Ethyl Acetate
Concen: 27.798 ug/l m
RT: 7.553 min Scan# 911
Delta R.T. -0.006 min
Lab File: VN086820.D
Acq: 29 May 2025 17:25

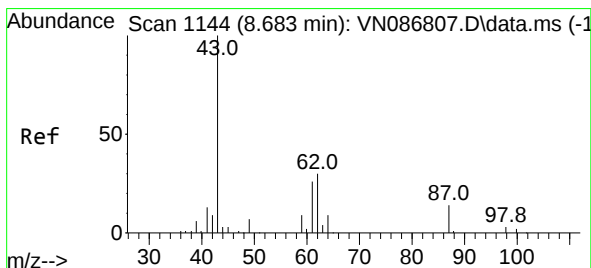
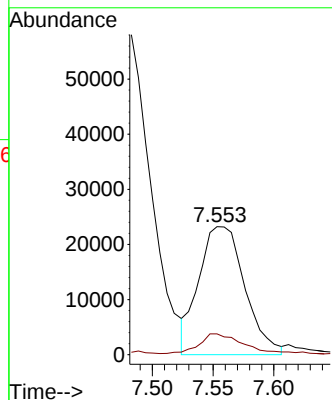
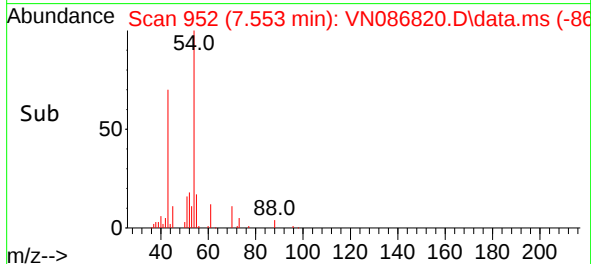
Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MS



Tgt Ion: 43 Resp: 6121
Ion Ratio Lower Upper
43 100
45 14.8 11.1 16.7

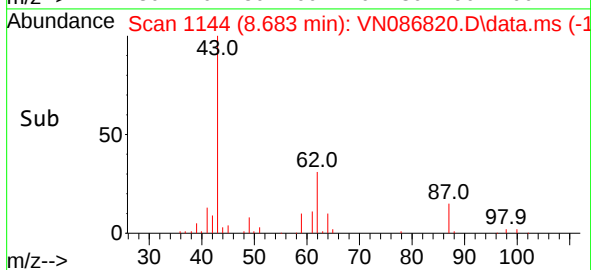
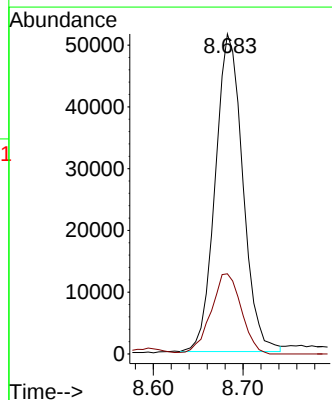
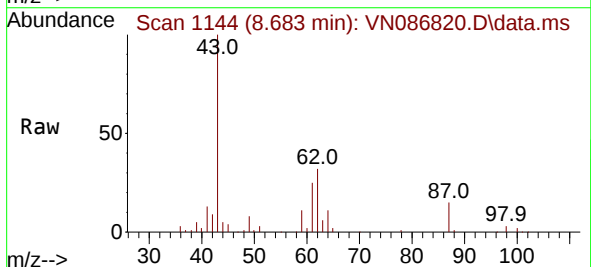
Manual Integrations
APPROVED

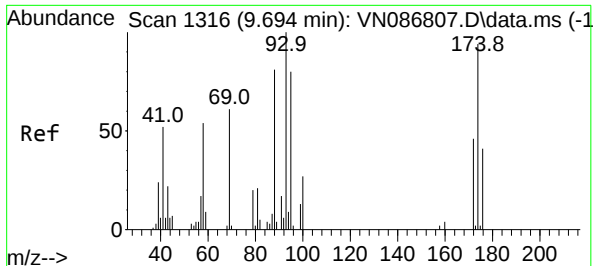
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#44
Isopropyl Acetate
Concen: 29.009 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. 0.000 min
Lab File: VN086820.D
Acq: 29 May 2025 17:25

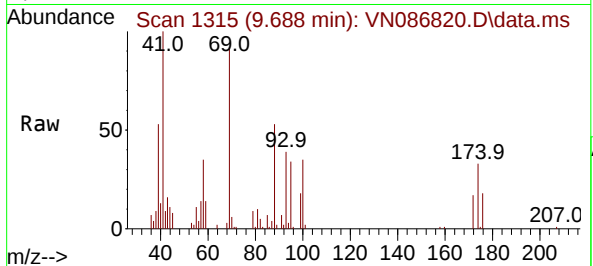
Tgt Ion: 43 Resp: 109580
Ion Ratio Lower Upper
43 100
61 27.9 23.8 35.6





#45
1,4-Dioxane
Concen: 556.879 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. -0.006 min
Lab File: VN086820.D
Acq: 29 May 2025 17:25

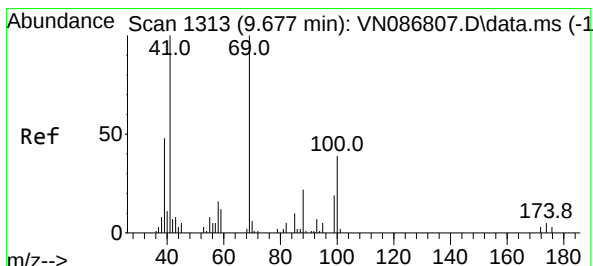
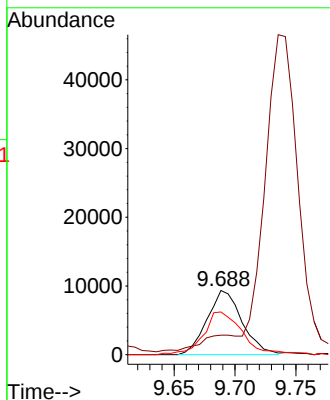
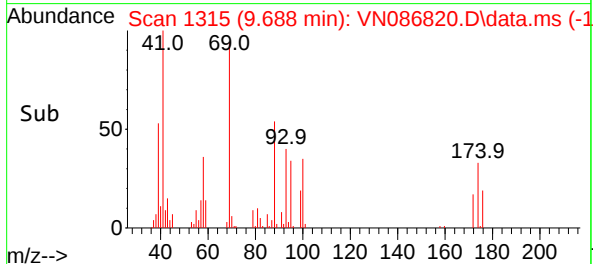
Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MS



Tgt Ion: 88 Resp: 1869
Ion Ratio Lower Upper
88 100
43 23.3 23.0 34.6
58 74.2 57.6 86.4

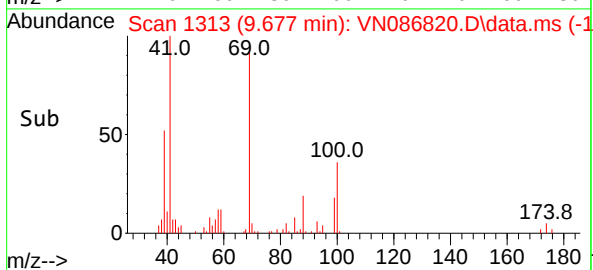
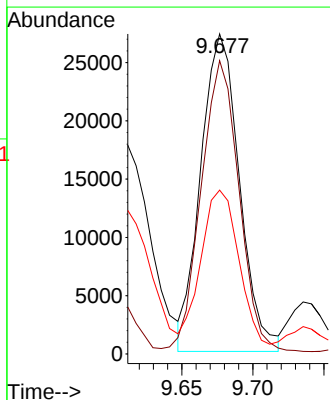
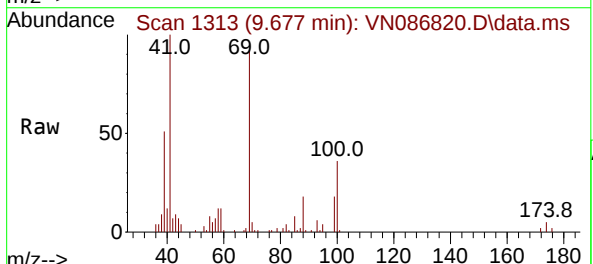
Manual Integrations
APPROVED

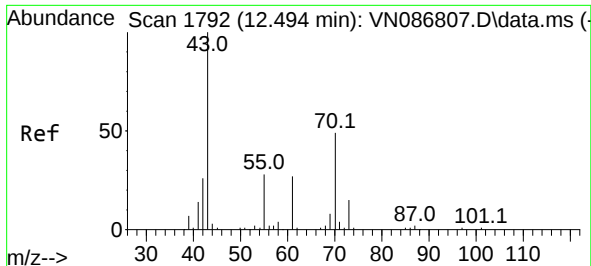
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#46
Methyl methacrylate
Concen: 29.651 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. 0.000 min
Lab File: VN086820.D
Acq: 29 May 2025 17:25

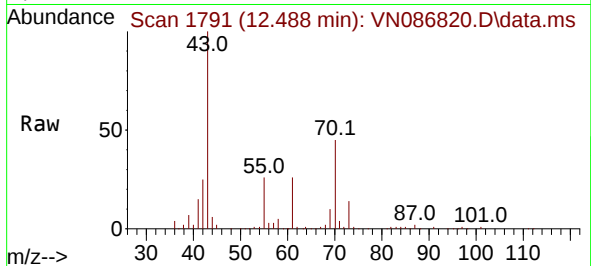
Tgt Ion: 41 Resp: 51645
Ion Ratio Lower Upper
41 100
69 95.1 48.0 144.2
39 50.2 23.8 71.2





#47
n-amyl acetate
Concen: 32.897 ug/l
RT: 12.488 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN086820.D
Acq: 29 May 2025 17:25

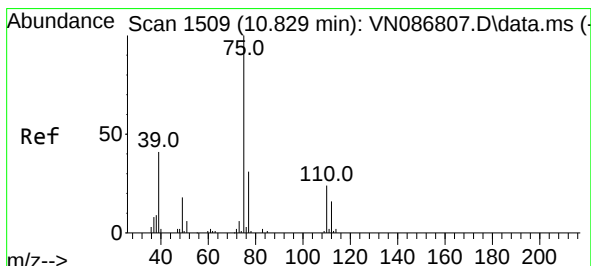
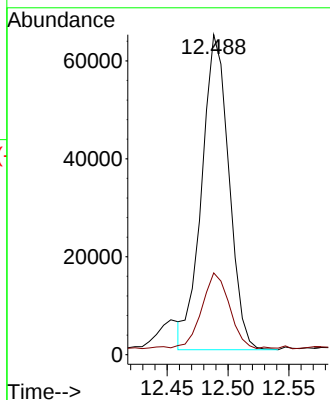
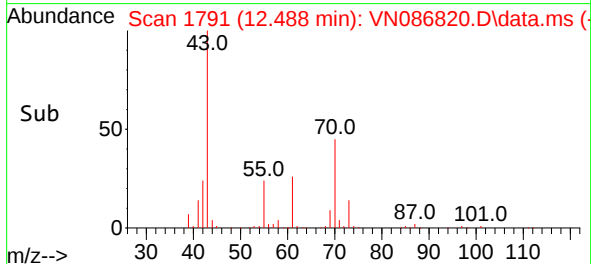
Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MS



Tgt Ion: 43 Resp: 9976
Ion Ratio Lower Upper
43 100
55 24.4 21.7 32.5

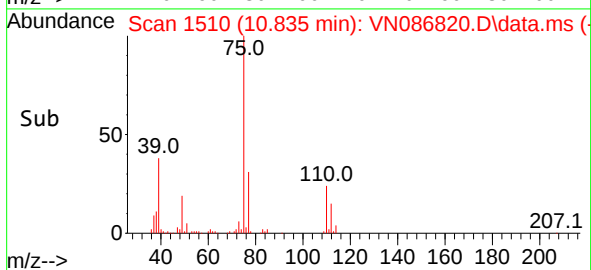
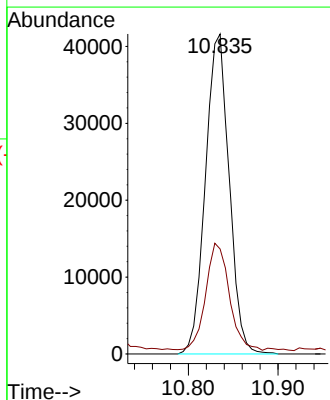
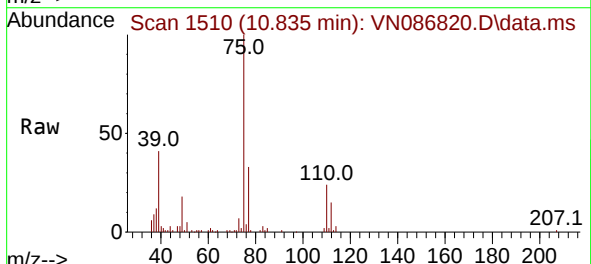
Manual Integrations
APPROVED

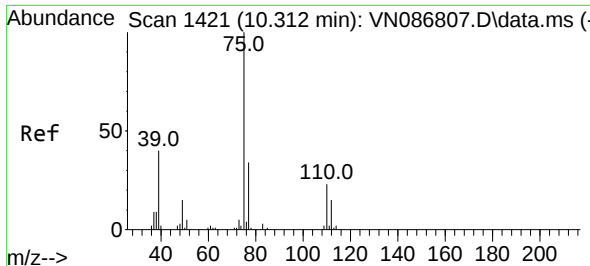
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#48
t-1,3-Dichloropropene
Concen: 27.097 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.006 min
Lab File: VN086820.D
Acq: 29 May 2025 17:25

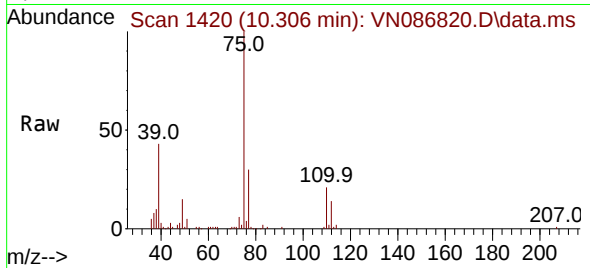
Tgt Ion: 75 Resp: 76379
Ion Ratio Lower Upper
75 100
77 31.4 25.1 37.7





#49
 cis-1,3-Dichloropropene
 Concen: 26.234 ug/l
 RT: 10.306 min Scan# 1421
 Delta R.T. -0.006 min
 Lab File: VN086820.D
 Acq: 29 May 2025 17:25

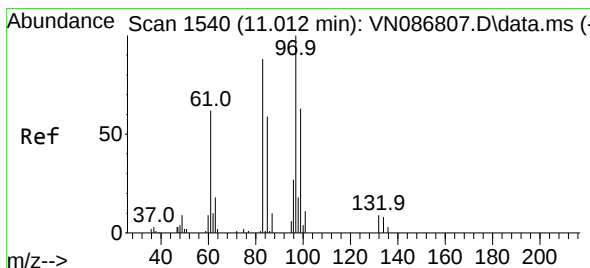
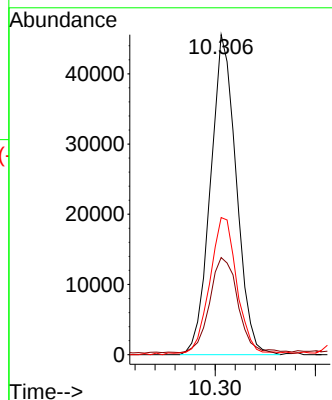
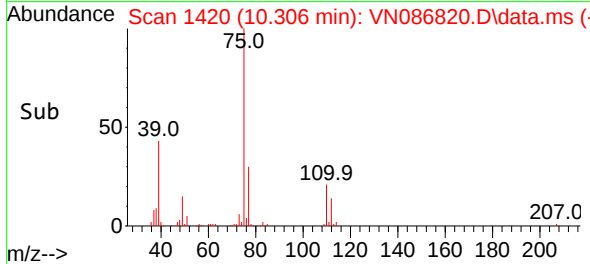
Instrument :
 MSVOA_N
 ClientSampleId :
 OUTFALL-DSN-001MS



Tgt Ion: 75 Resp: 81338
 Ion Ratio Lower Upper
 75 100
 77 29.7 26.9 40.3
 39 42.3 31.8 47.6

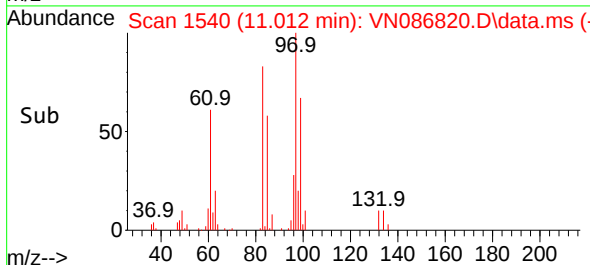
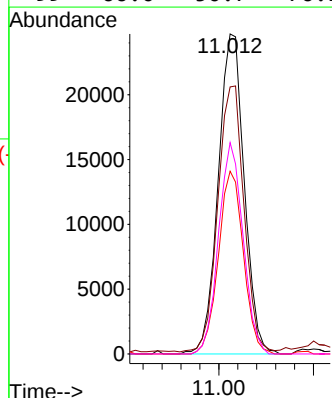
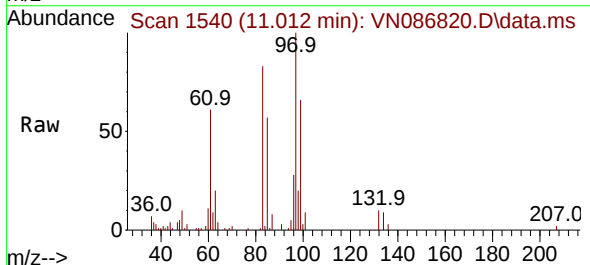
Manual Integrations
 APPROVED

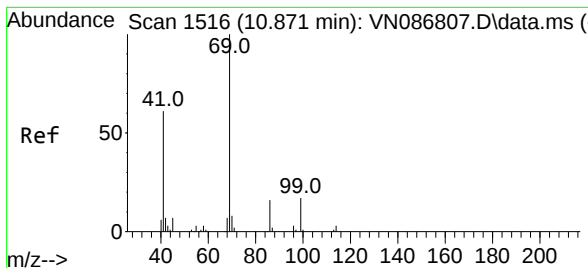
Reviewed By :John Carlone 05/30/2025
 Supervised By :Mahesh Dadoda 05/30/2025



#50
 1,1,2-Trichloroethane
 Concen: 26.597 ug/l
 RT: 11.012 min Scan# 1540
 Delta R.T. 0.000 min
 Lab File: VN086820.D
 Acq: 29 May 2025 17:25

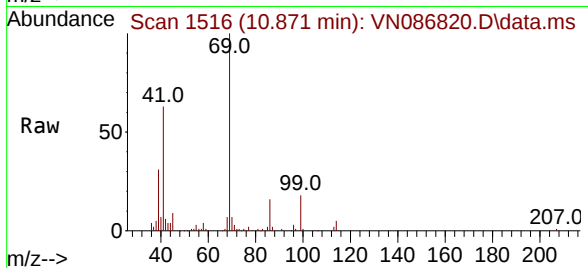
Tgt Ion: 97 Resp: 47138
 Ion Ratio Lower Upper
 97 100
 83 82.8 70.6 105.8
 85 57.1 46.8 70.2
 99 66.0 50.7 76.1





#51
Ethyl methacrylate
Concen: 27.566 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VN086820.D
Acq: 29 May 2025 17:25

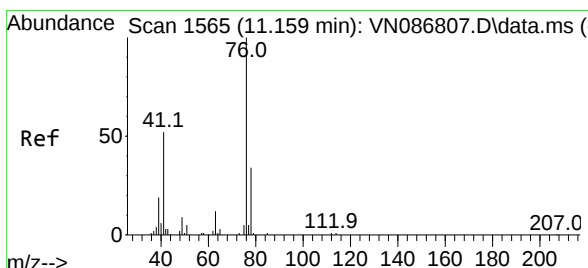
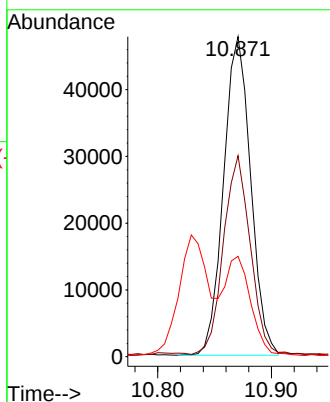
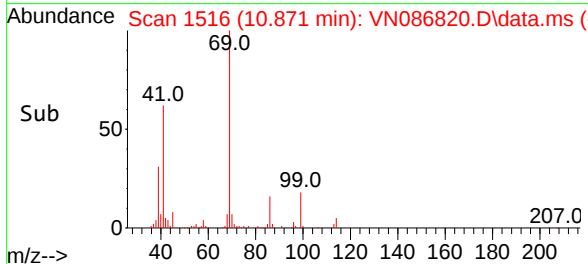
Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MS



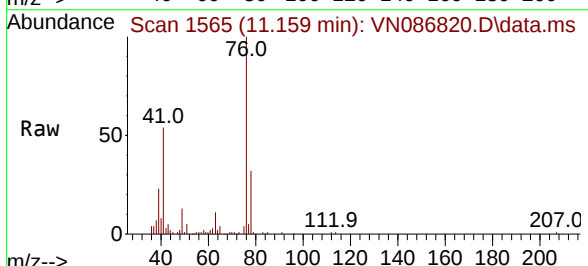
Tgt Ion: 69 Resp: 7912
Ion Ratio Lower Upper
69 100
41 62.0 30.5 91.5
39 30.5 14.3 42.9

Manual Integrations
APPROVED

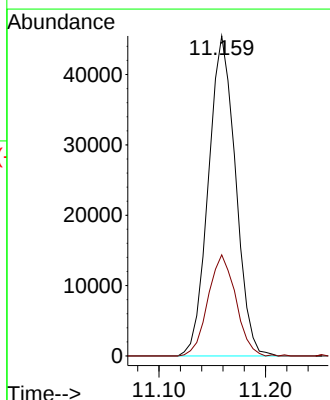
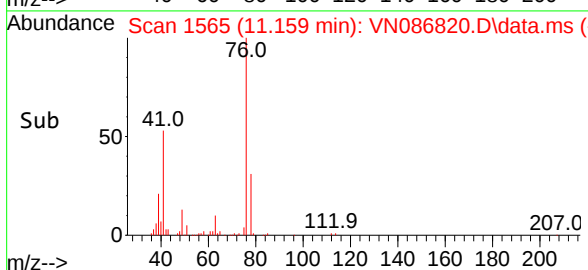
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

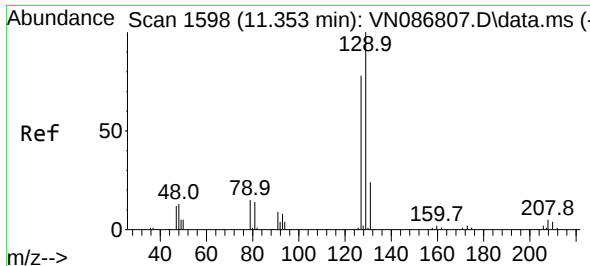


#52
1,3-Dichloropropane
Concen: 25.597 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. 0.000 min
Lab File: VN086820.D
Acq: 29 May 2025 17:25



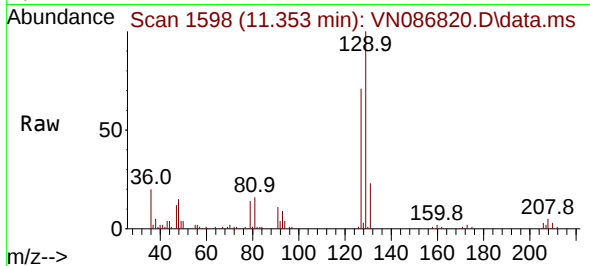
Tgt Ion: 76 Resp: 80508
Ion Ratio Lower Upper
76 100
78 32.3 0.0 64.6





#53
Dibromochloromethane
Concen: 27.564 ug/l
RT: 11.353 min Scan# 1598
Delta R.T. 0.000 min
Lab File: VN086820.D
Acq: 29 May 2025 17:25

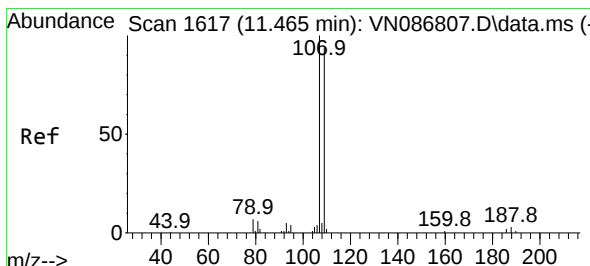
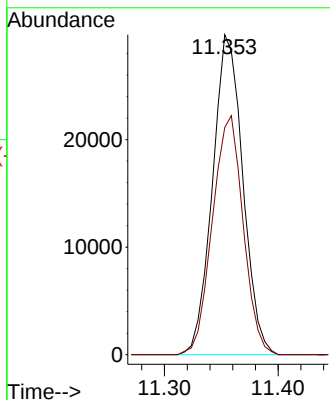
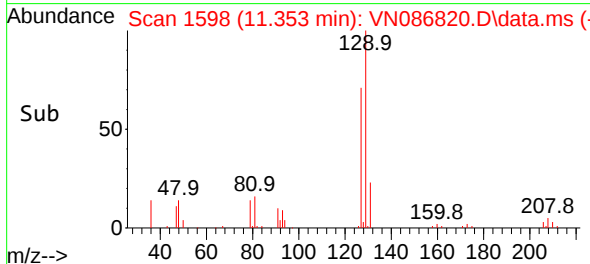
Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MS



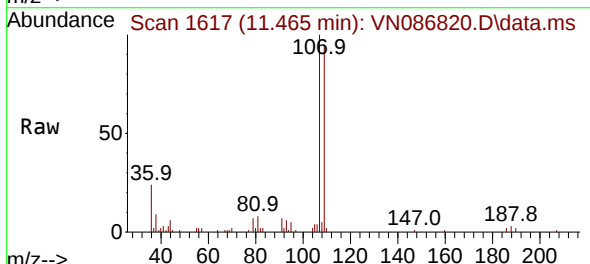
Tgt Ion:129 Resp: 55204
Ion Ratio Lower Upper
129 100
127 75.5 39.1 117.3

Manual Integrations
APPROVED

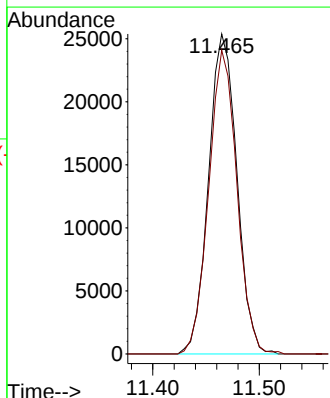
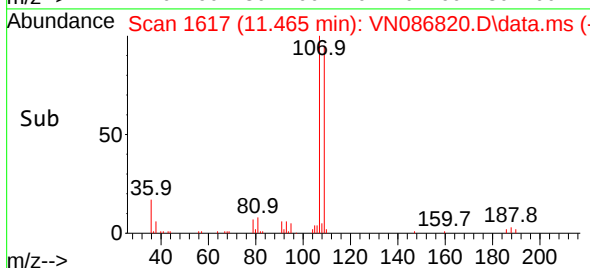
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

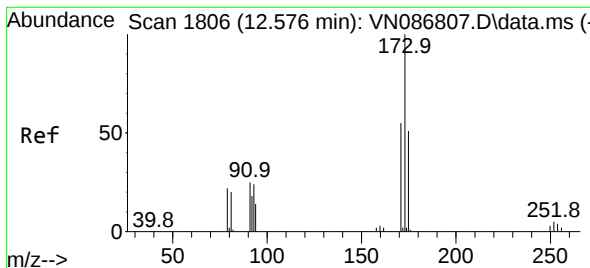


#54
1,2-Dibromoethane
Concen: 25.920 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VN086820.D
Acq: 29 May 2025 17:25



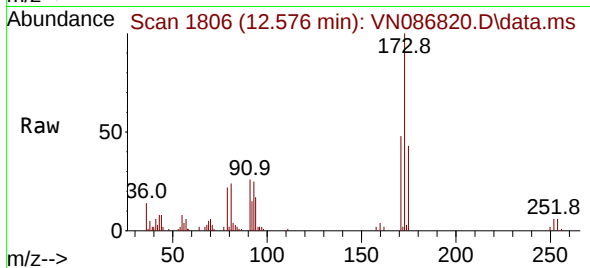
Tgt Ion:107 Resp: 46957
Ion Ratio Lower Upper
107 100
109 94.1 75.0 112.6





#56
Bromoform
Concen: 26.950 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN086820.D
Acq: 29 May 2025 17:25

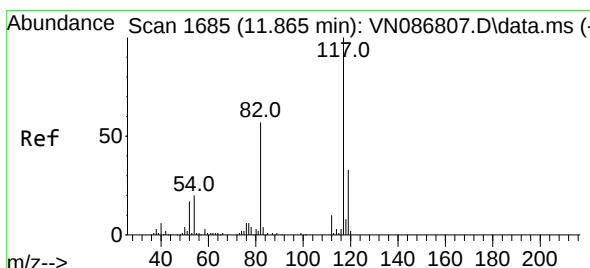
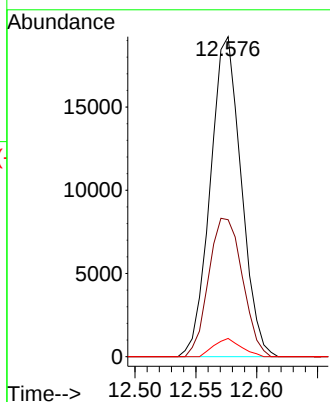
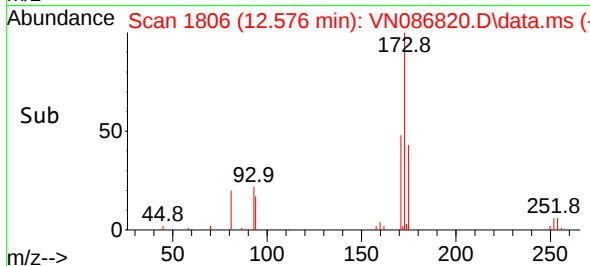
Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MS



Tgt Ion:173 Resp: 34008
Ion Ratio Lower Upper
173 100
175 47.2 39.7 59.5
254 5.0 3.5 5.3

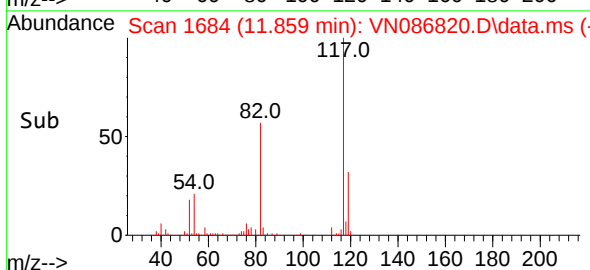
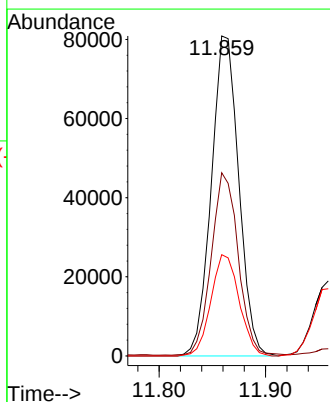
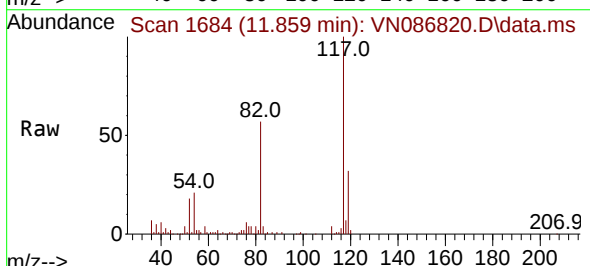
Manual Integrations
APPROVED

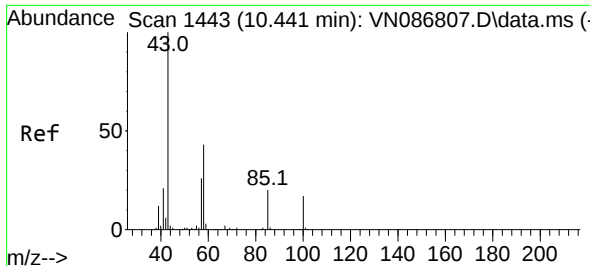
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.859 min Scan# 1684
Delta R.T. -0.006 min
Lab File: VN086820.D
Acq: 29 May 2025 17:25

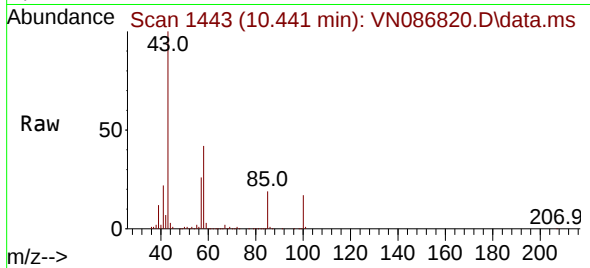
Tgt Ion:117 Resp: 144677
Ion Ratio Lower Upper
117 100
82 55.9 44.7 67.1
119 32.6 25.6 38.4





#58
4-Methyl-2-Pentanone
Concen: 151.239 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN086820.D
Acq: 29 May 2025 17:25

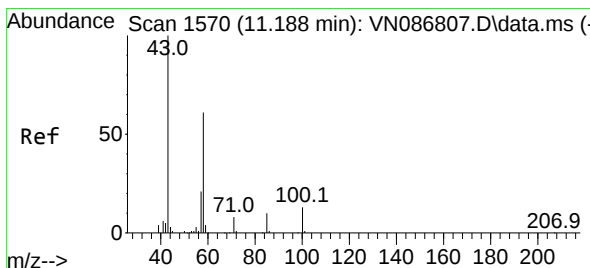
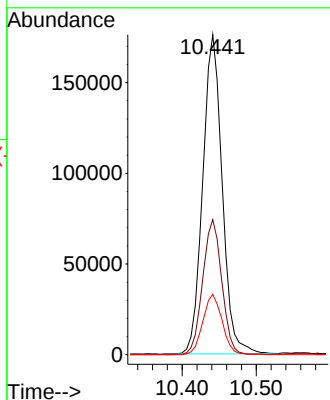
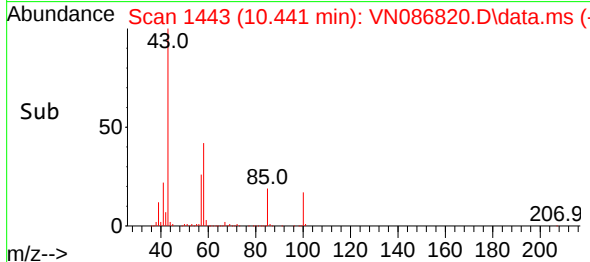
Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MS



Tgt Ion: 43 Resp: 321064
Ion Ratio Lower Upper
43 100
58 41.4 34.5 51.7
85 18.7 15.8 23.8

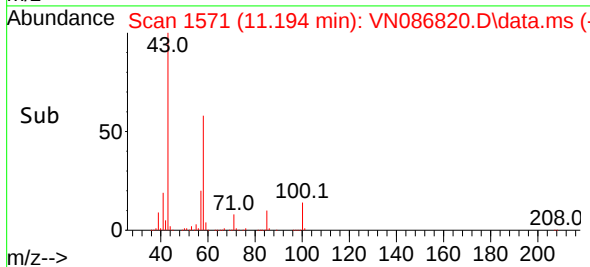
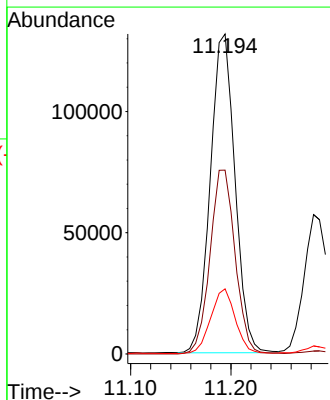
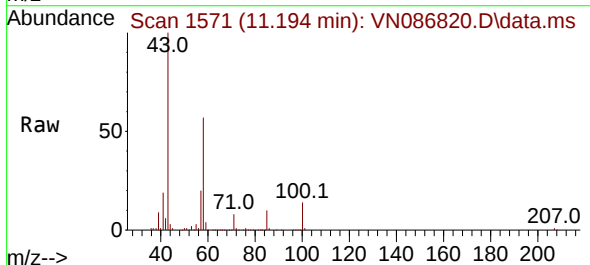
Manual Integrations
APPROVED

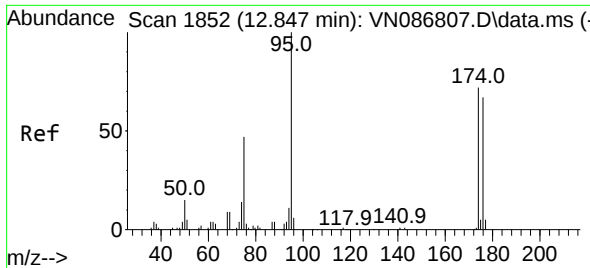
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#59
2-Hexanone
Concen: 148.032 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.006 min
Lab File: VN086820.D
Acq: 29 May 2025 17:25

Tgt Ion: 43 Resp: 225103
Ion Ratio Lower Upper
43 100
58 58.6 49.1 73.7
57 20.0 16.6 25.0





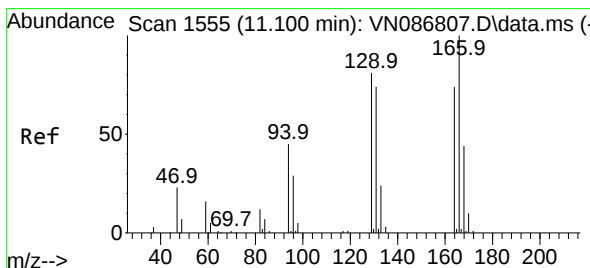
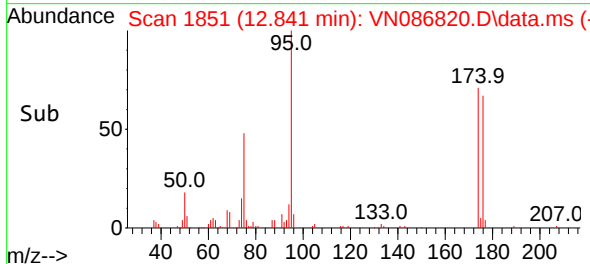
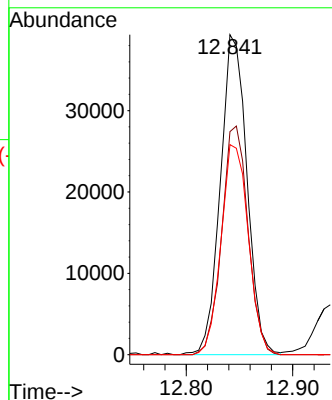
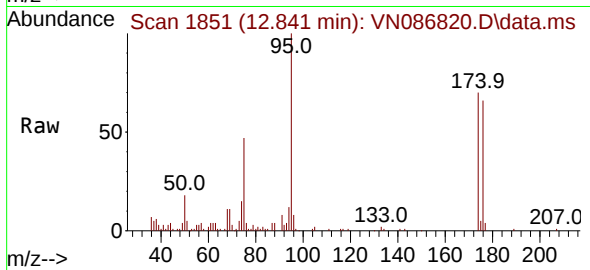
#60
4-Bromofluorobenzene
Concen: 29.984 ug/l
RT: 12.841 min Scan# 1851
Delta R.T. -0.006 min
Lab File: VN086820.D
Acq: 29 May 2025 17:25

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MS

Tgt Ion: 95 Resp: 6810
Ion Ratio Lower Upper
95 100
174 70.5 56.2 84.4
176 67.4 53.4 80.0

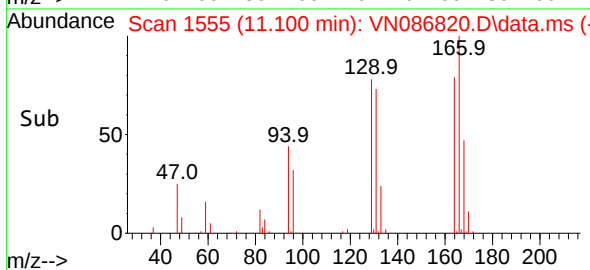
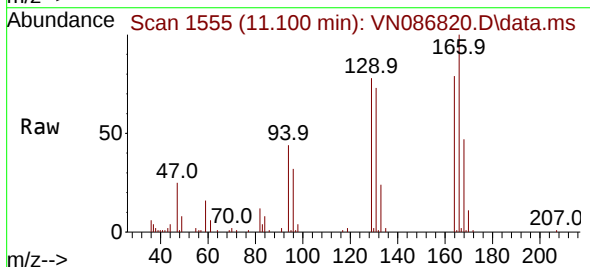
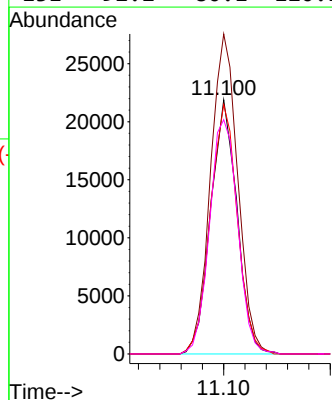
Manual Integrations
APPROVED

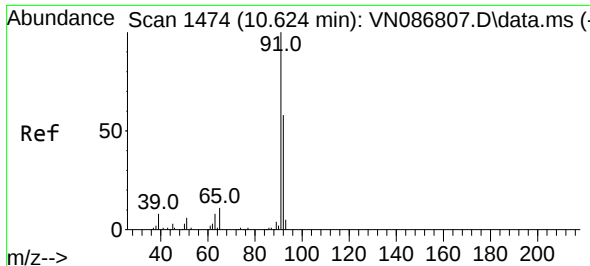
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#61
Tetrachloroethene
Concen: 15.519 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN086820.D
Acq: 29 May 2025 17:25

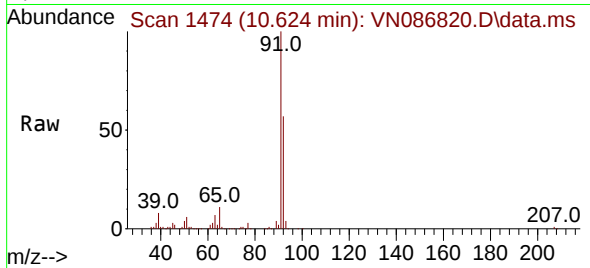
Tgt Ion:164 Resp: 37742
Ion Ratio Lower Upper
164 100
166 125.9 107.5 161.3
129 98.1 87.4 131.2
131 92.2 80.1 120.1





#62
Toluene
Concen: 26.410 ug/l
RT: 10.624 min Scan# 1474
Delta R.T. 0.000 min
Lab File: VN086820.D
Acq: 29 May 2025 17:25

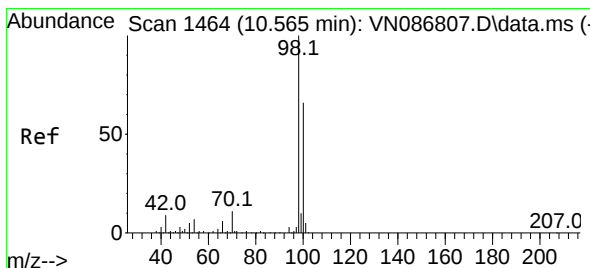
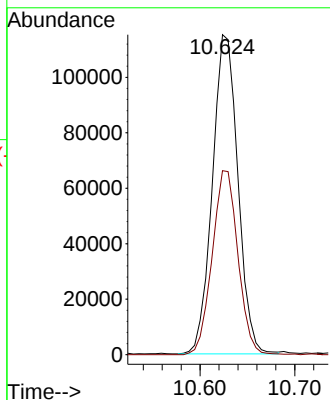
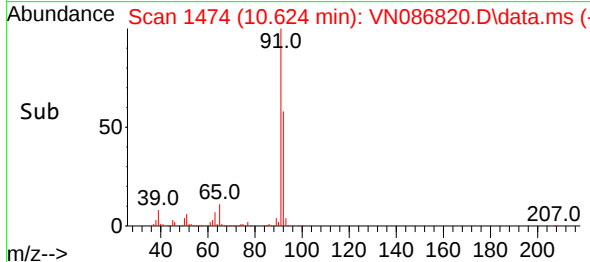
Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MS



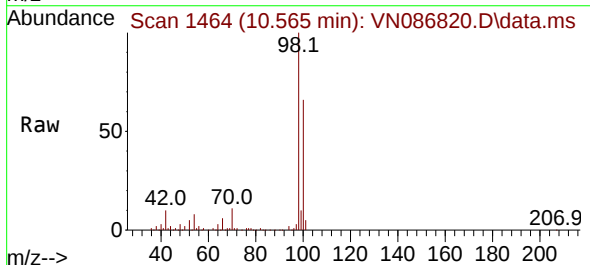
Tgt Ion: 91 Resp: 215197
Ion Ratio Lower Upper
91 100
92 58.2 46.6 70.0

Manual Integrations
APPROVED

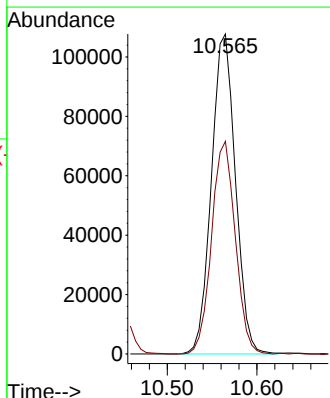
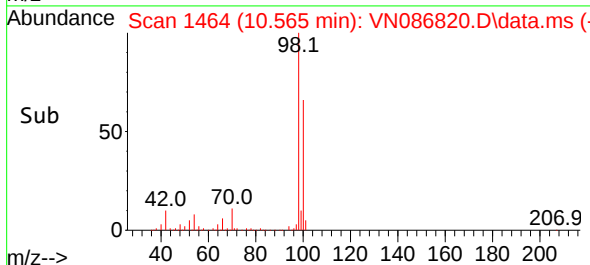
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

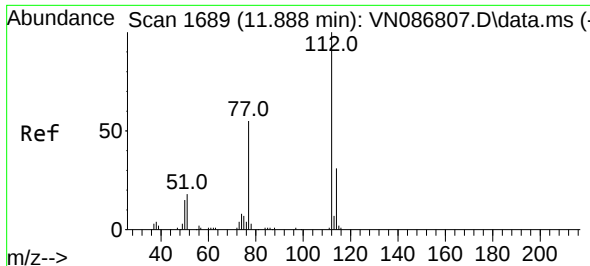


#63
Toluene-d8
Concen: 30.178 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN086820.D
Acq: 29 May 2025 17:25



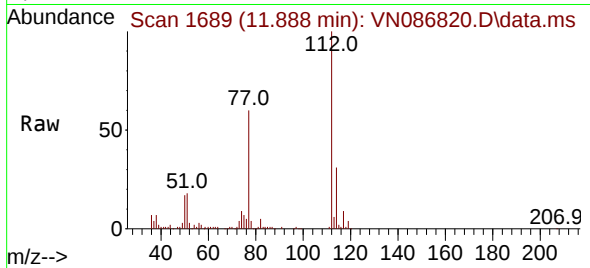
Tgt Ion: 98 Resp: 200398
Ion Ratio Lower Upper
98 100
100 65.6 52.7 79.1





#64
Chlorobenzene
Concen: 25.546 ug/l
RT: 11.888 min Scan# 112
Delta R.T. 0.000 min
Lab File: VN086820.D
Acq: 29 May 2025 17:25

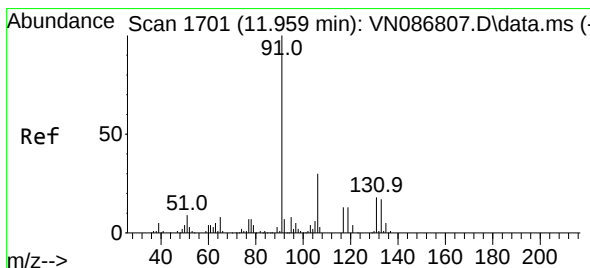
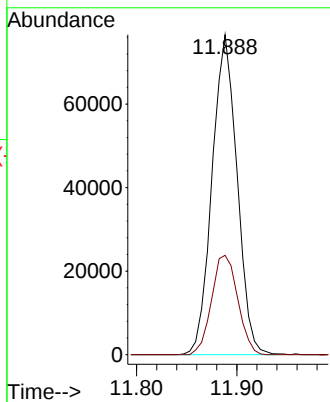
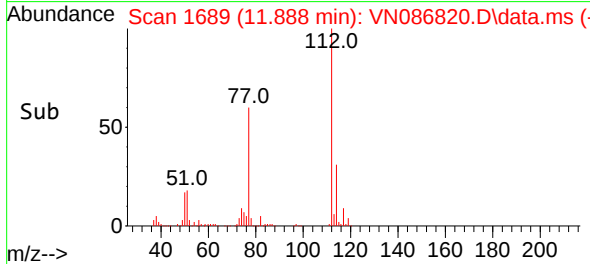
Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MS



Tgt Ion:112 Resp: 13274
Ion Ratio Lower Upper
112 100
114 31.0 25.1 37.7

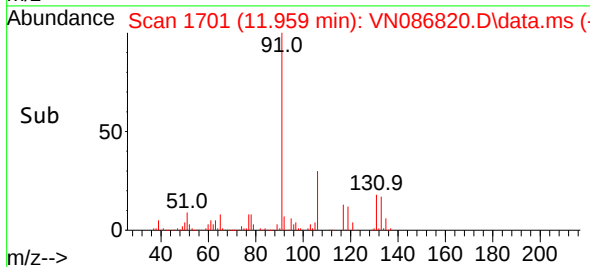
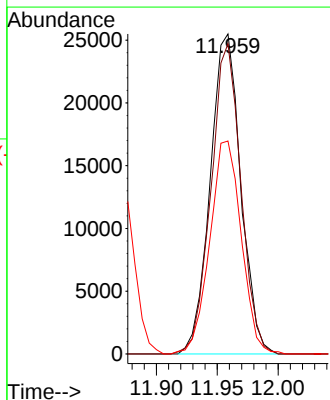
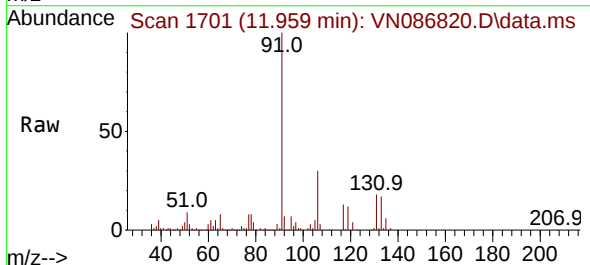
Manual Integrations
APPROVED

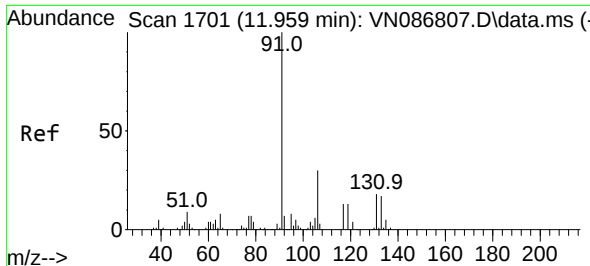
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#65
1,1,1,2-Tetrachloroethane
Concen: 26.095 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN086820.D
Acq: 29 May 2025 17:25

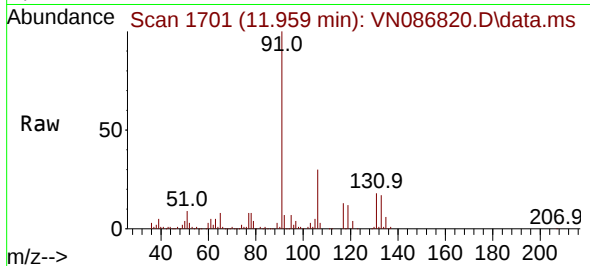
Tgt Ion:131 Resp: 44547
Ion Ratio Lower Upper
131 100
133 94.8 0.0 191.0
119 68.6 0.0 140.8





#66
Ethyl Benzene
Concen: 26.557 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN086820.D
Acq: 29 May 2025 17:25

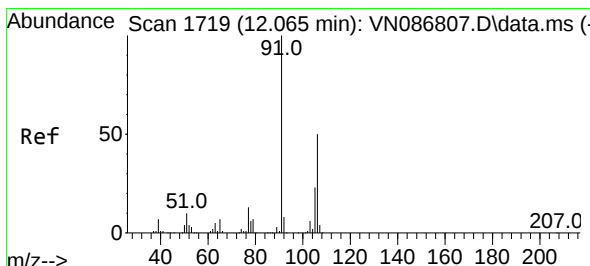
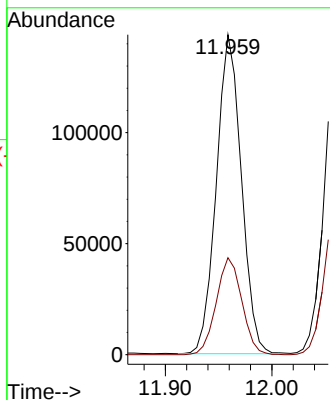
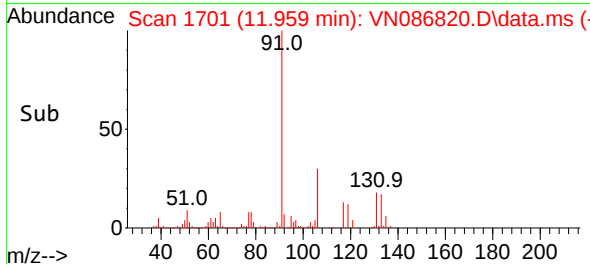
Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MS



Tgt Ion: 91 Resp: 234054
Ion Ratio Lower Upper
91 100
106 30.4 23.6 35.4

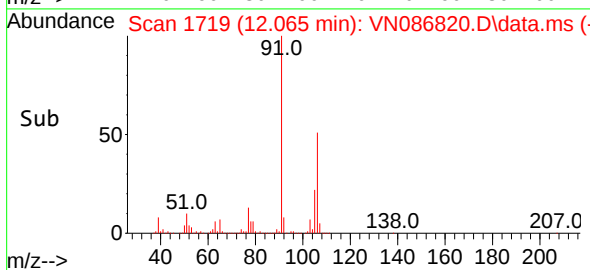
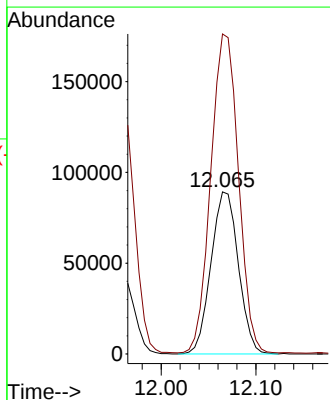
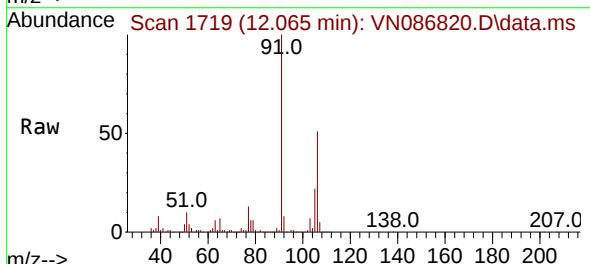
Manual Integrations
APPROVED

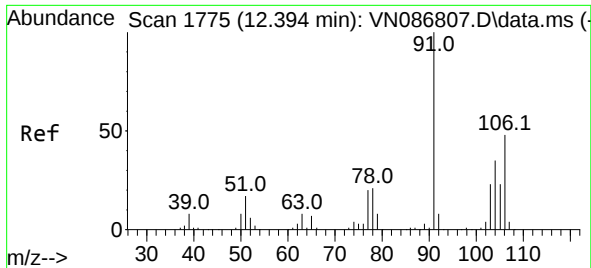
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#67
m/p-Xylenes
Concen: 51.802 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. 0.000 min
Lab File: VN086820.D
Acq: 29 May 2025 17:25

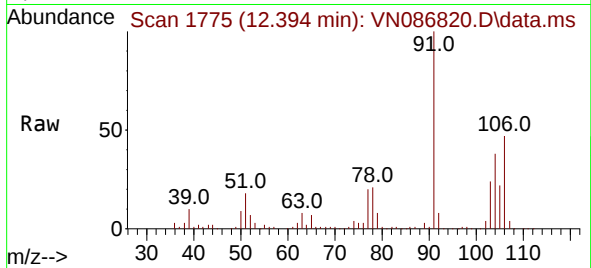
Tgt Ion:106 Resp: 179155
Ion Ratio Lower Upper
106 100
91 198.6 160.7 241.1





#68
o-Xylene
Concen: 26.046 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN086820.D
Acq: 29 May 2025 17:25

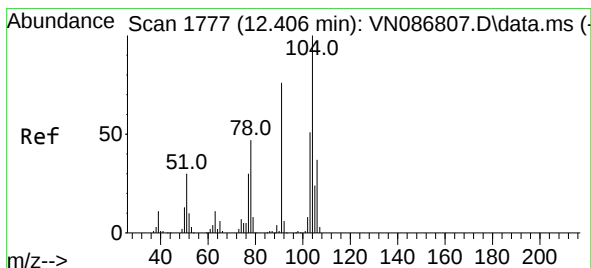
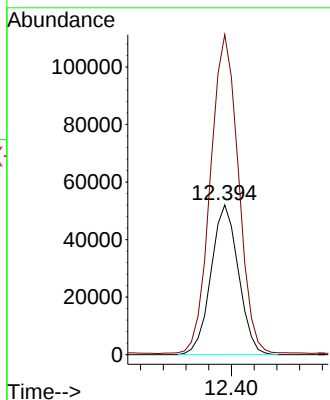
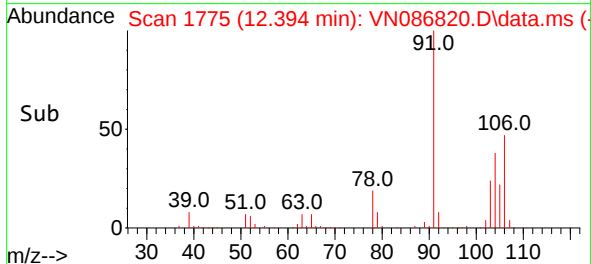
Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MS



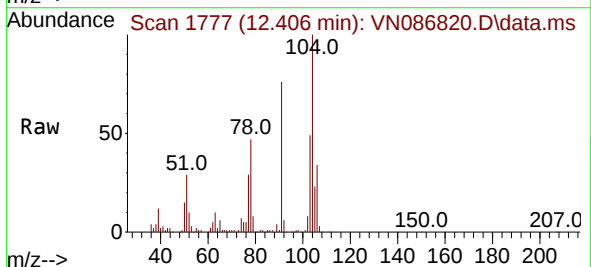
Tgt Ion:106 Resp: 87295
Ion Ratio Lower Upper
106 100
91 216.7 106.3 318.9

Manual Integrations
APPROVED

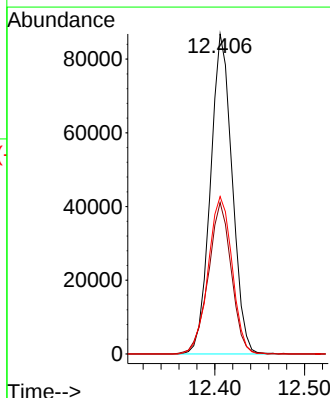
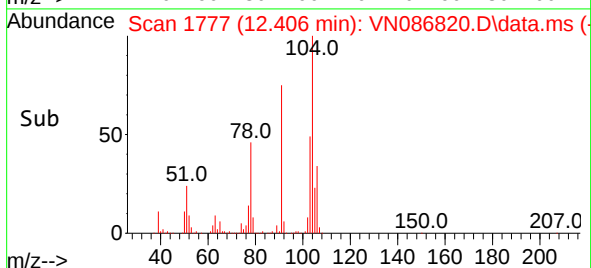
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

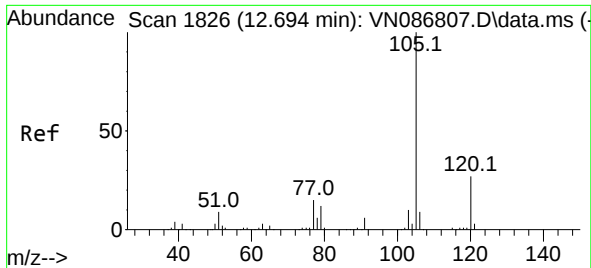


#69
Styrene
Concen: 26.180 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VN086820.D
Acq: 29 May 2025 17:25



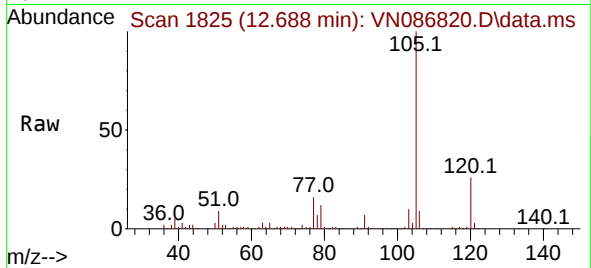
Tgt Ion:104 Resp: 146193
Ion Ratio Lower Upper
104 100
78 49.9 38.6 57.8
103 53.9 43.2 64.8





#70
Isopropylbenzene
Concen: 26.720 ug/l
RT: 12.688 min Scan# 1825
Delta R.T. -0.006 min
Lab File: VN086820.D
Acq: 29 May 2025 17:25

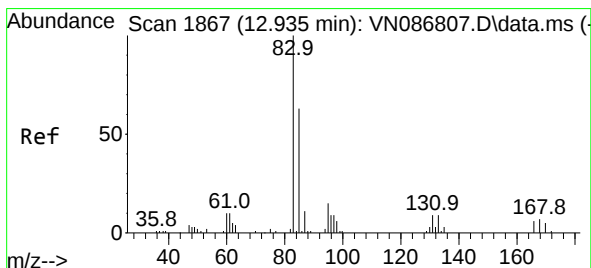
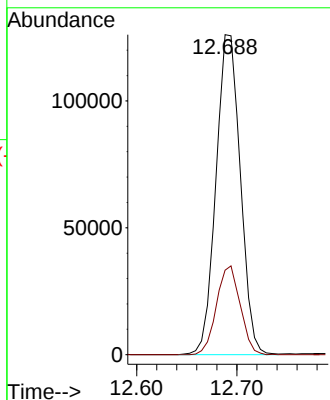
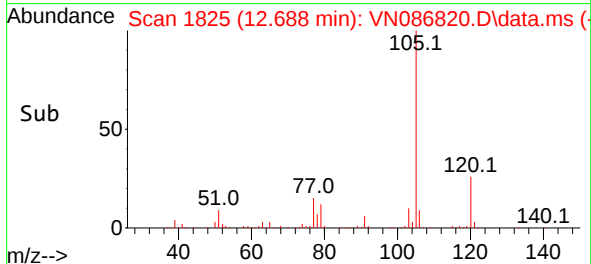
Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MS



Tgt Ion:105 Resp: 213010
Ion Ratio Lower Upper
105 100
120 26.9 19.0 35.2

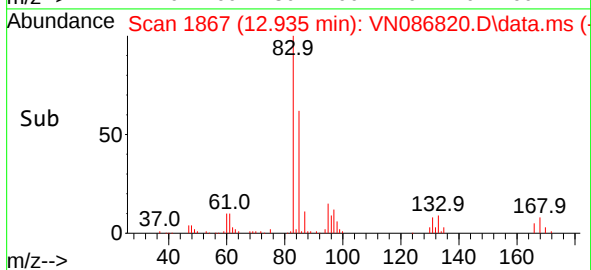
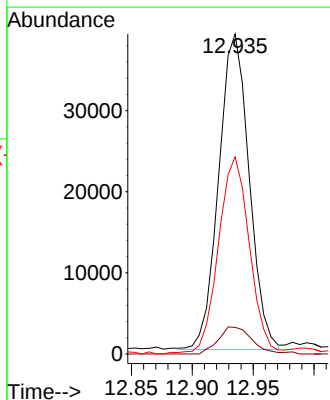
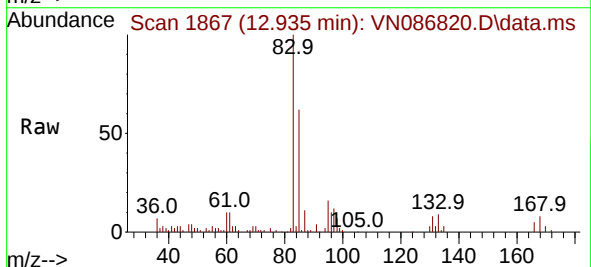
Manual Integrations
APPROVED

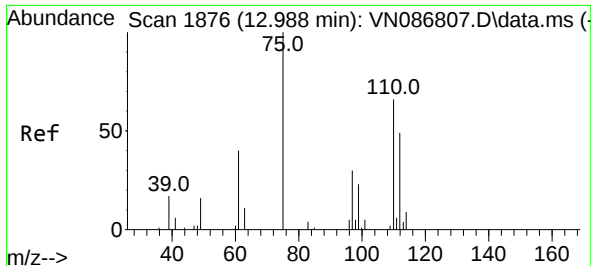
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#71
1,1,2,2-Tetrachloroethane
Concen: 35.663 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN086820.D
Acq: 29 May 2025 17:25

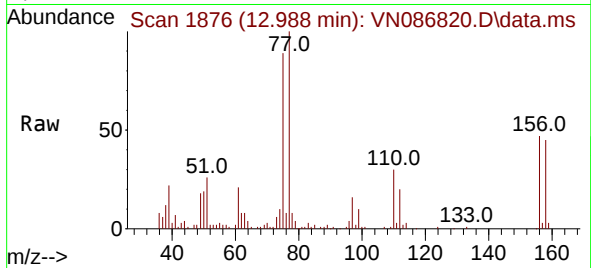
Tgt Ion: 83 Resp: 67595
Ion Ratio Lower Upper
83 100
131 9.3 5.0 15.0
85 63.7 32.6 97.7





#72
1,2,3-Trichloropropane
Concen: 26.549 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VN086820.D
Acq: 29 May 2025 17:25

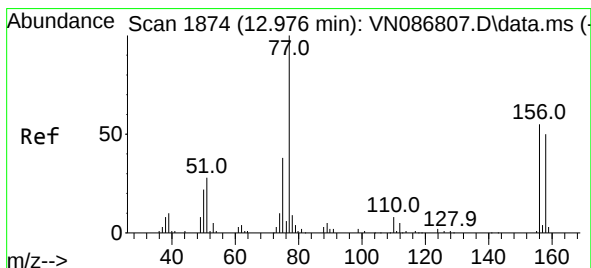
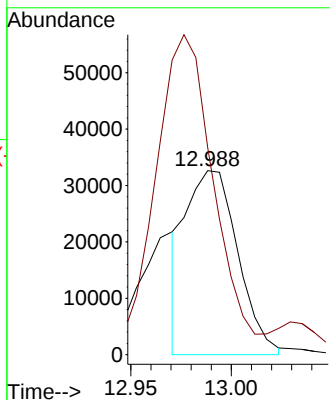
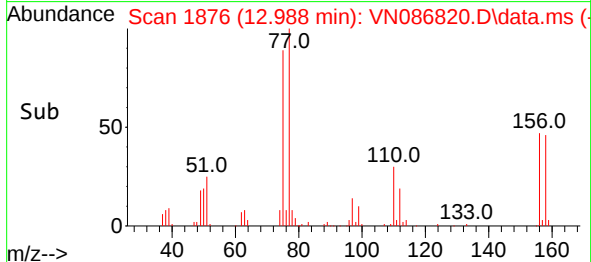
Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MS



Tgt Ion: 75 Resp: 58974
Ion Ratio Lower Upper
75 100
77 192.6 0.0 390.6

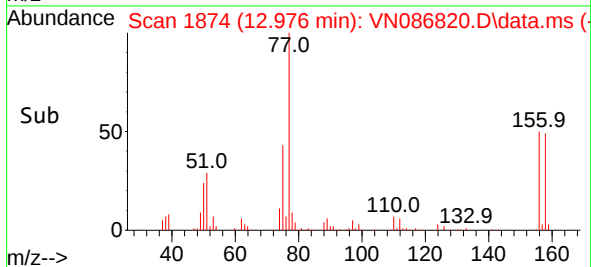
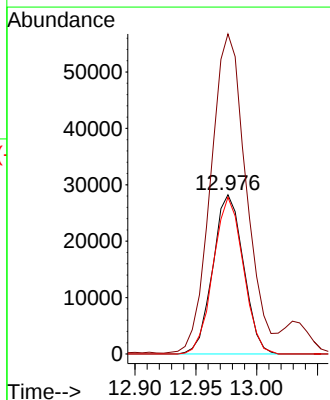
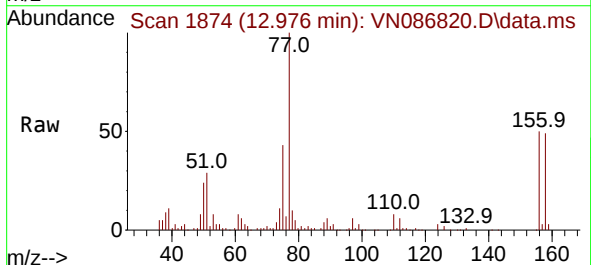
Manual Integrations
APPROVED

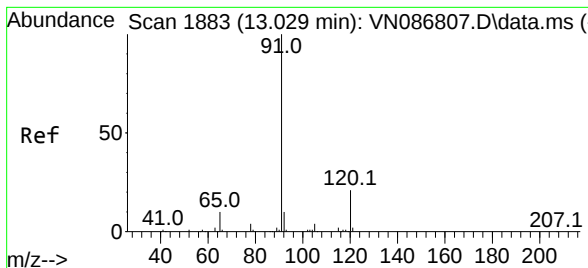
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#73
Bromobenzene
Concen: 24.938 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. 0.000 min
Lab File: VN086820.D
Acq: 29 May 2025 17:25

Tgt Ion:156 Resp: 49414
Ion Ratio Lower Upper
156 100
77 229.9 0.0 442.0
158 96.4 0.0 191.8





#74

n-propylbenzene

Concen: 25.853 ug/l

RT: 13.029 min Scan# 1883

Delta R.T. 0.000 min

Lab File: VN086820.D

Acq: 29 May 2025 17:25

Instrument :

MSVOA_N

ClientSampleId :

OUTFALL-DSN-001MS

Tgt Ion: 91 Resp: 244125

Ion Ratio Lower Upper

91 100

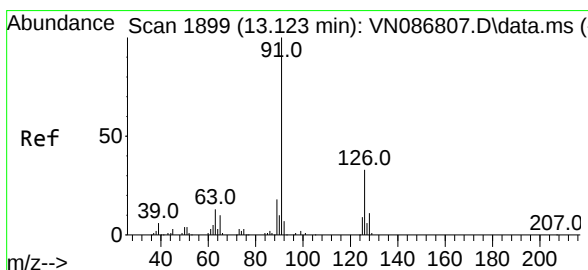
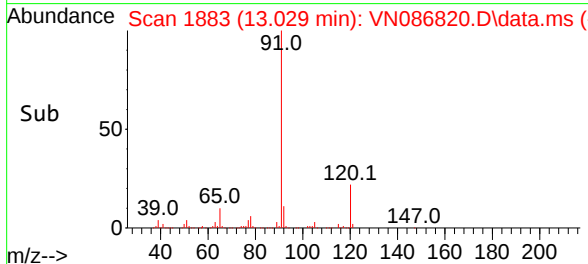
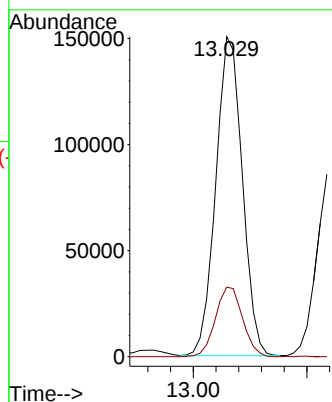
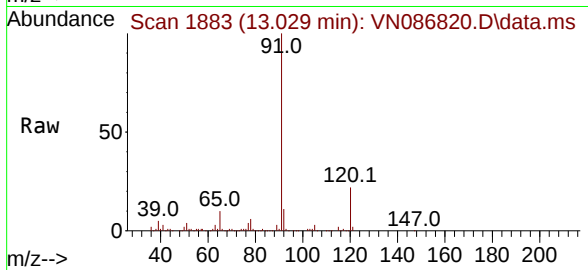
120 22.2 0.0 45.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2025

Supervised By :Mahesh Dadoda 05/30/2025



#75

2-Chlorotoluene

Concen: 25.204 ug/l

RT: 13.123 min Scan# 1899

Delta R.T. 0.000 min

Lab File: VN086820.D

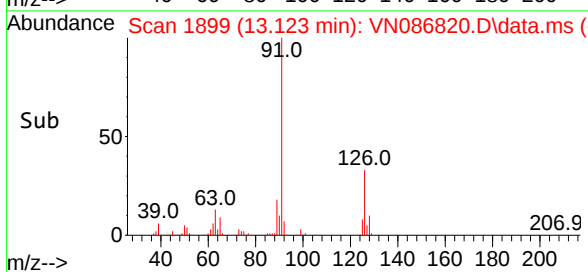
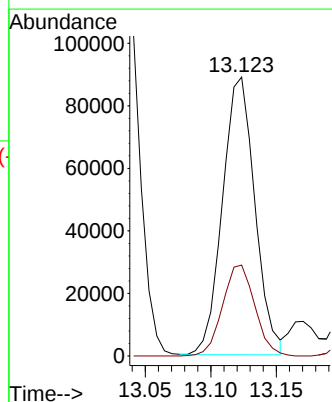
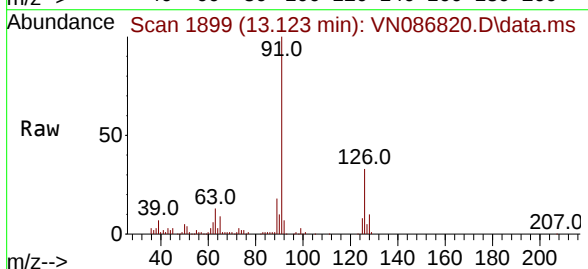
Acq: 29 May 2025 17:25

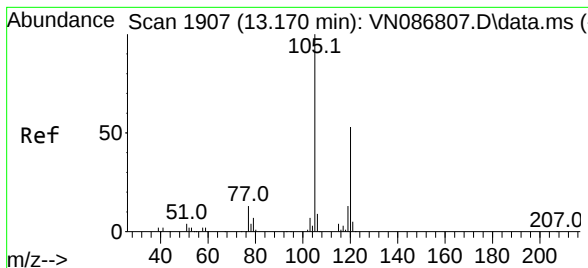
Tgt Ion: 91 Resp: 152757

Ion Ratio Lower Upper

91 100

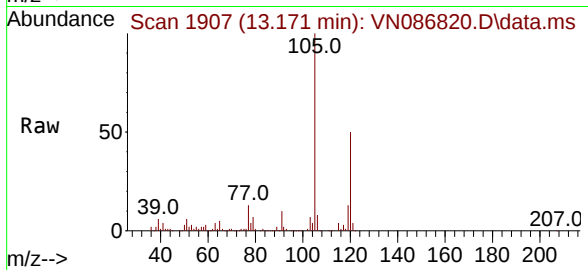
126 32.6 0.0 64.4





#76
1,3,5-Trimethylbenzene
Concen: 25.505 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN086820.D
Acq: 29 May 2025 17:25

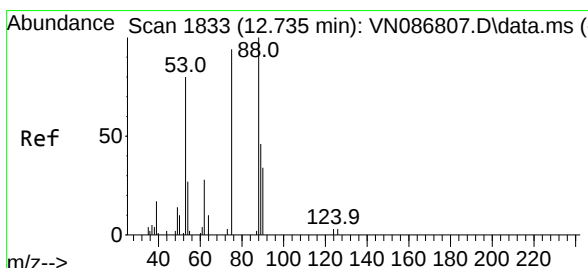
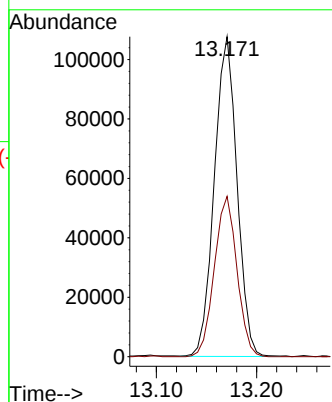
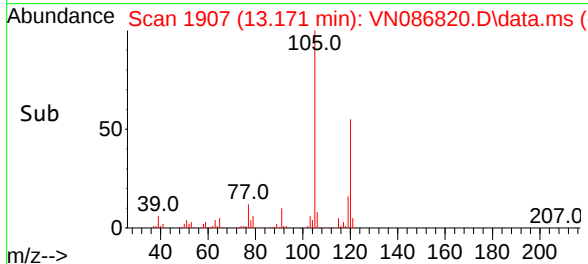
Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MS



Tgt Ion:105 Resp: 16914
Ion Ratio Lower Upper
105 100
120 49.9 0.0 101.4

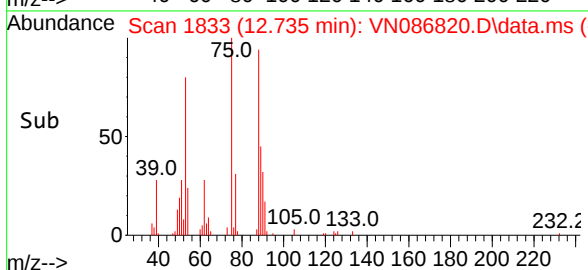
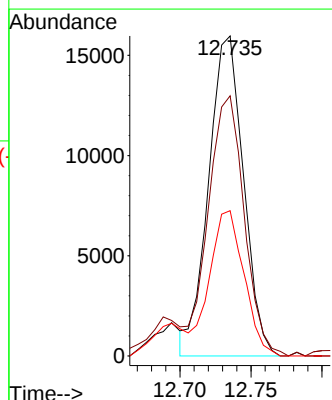
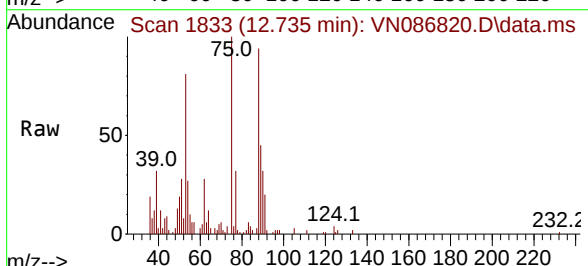
Manual Integrations
APPROVED

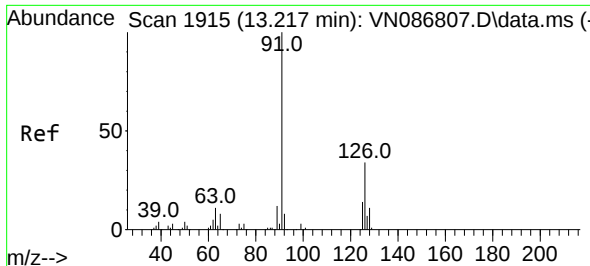
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#77
t-1,4-Dichloro-2-butene
Concen: 30.009 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN086820.D
Acq: 29 May 2025 17:25

Tgt Ion: 75 Resp: 27280
Ion Ratio Lower Upper
75 100
53 79.9 43.0 128.8
89 45.4 25.4 76.2





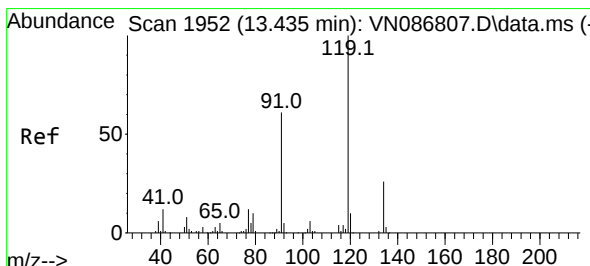
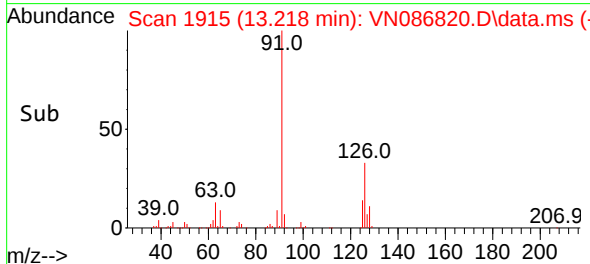
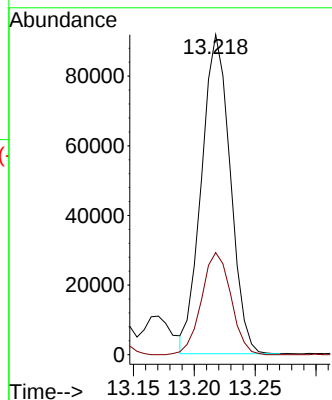
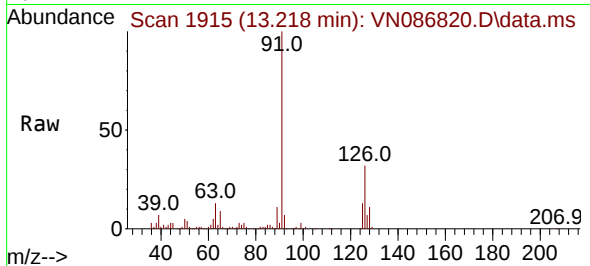
#78
4-Chlorotoluene
Concen: 25.089 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN086820.D
Acq: 29 May 2025 17:25

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MS

Tgt Ion: 91 Resp: 15062
Ion Ratio Lower Upper
91 100
126 32.7 0.0 66.6

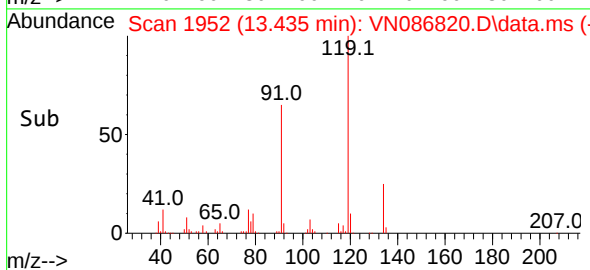
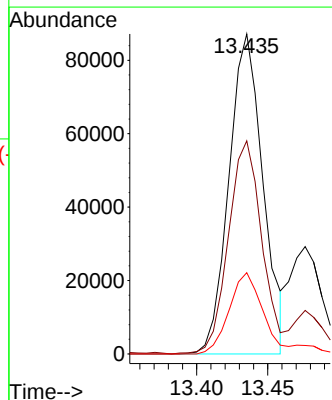
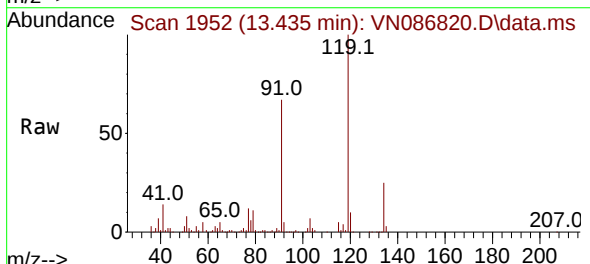
Manual Integrations
APPROVED

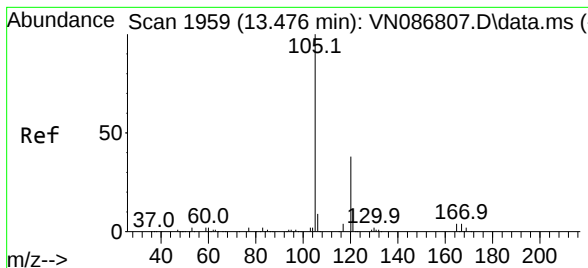
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#79
tert-butylbenzene
Concen: 25.330 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN086820.D
Acq: 29 May 2025 17:25

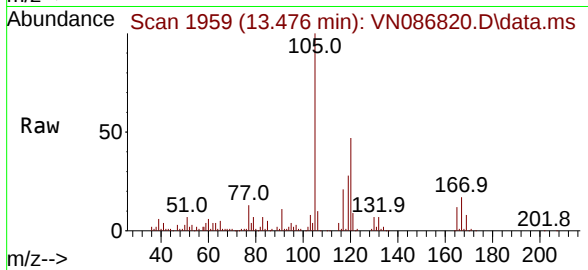
Tgt Ion:119 Resp: 145238
Ion Ratio Lower Upper
119 100
91 65.2 0.0 130.4
134 24.9 0.0 50.6





#80
1,2,4-Trimethylbenzene
Concen: 26.209 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. 0.000 min
Lab File: VN086820.D
Acq: 29 May 2025 17:25

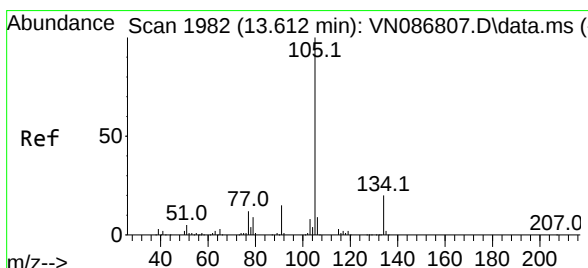
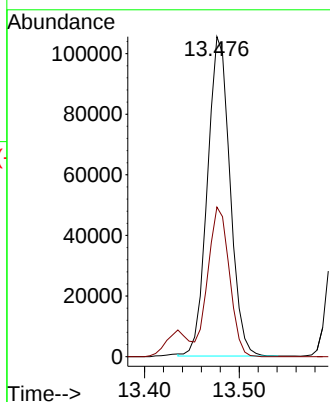
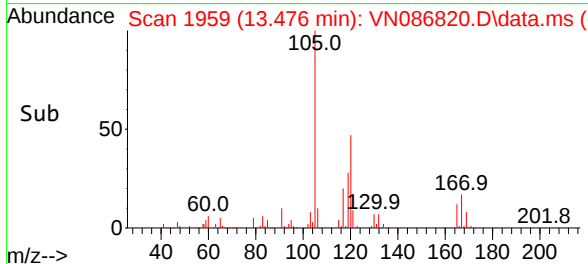
Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MS



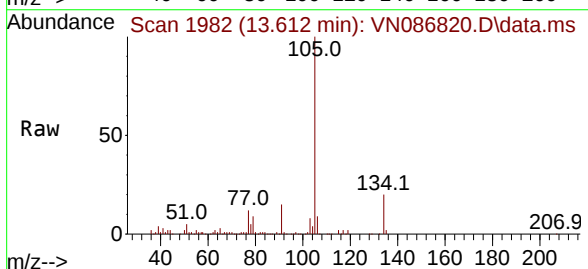
Tgt Ion:105 Resp: 174468
Ion Ratio Lower Upper
105 100
120 44.4 0.0 92.2

Manual Integrations
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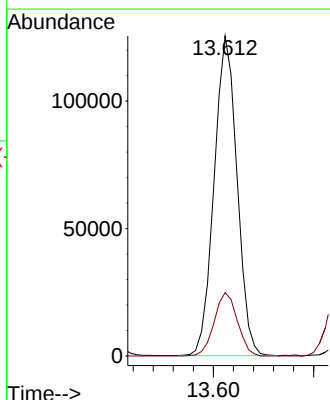
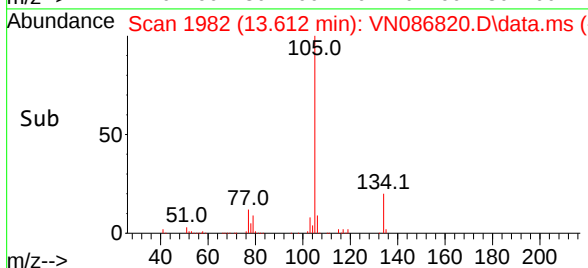
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

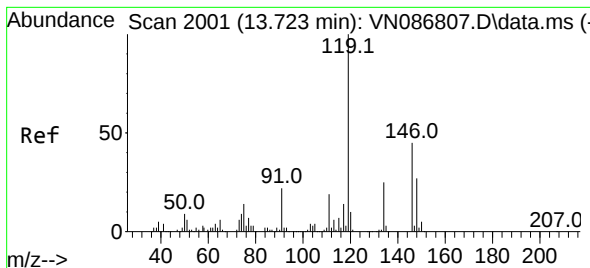


#81
sec-Butylbenzene
Concen: 25.443 ug/l
RT: 13.612 min Scan# 1982
Delta R.T. 0.000 min
Lab File: VN086820.D
Acq: 29 May 2025 17:25



Tgt Ion:105 Resp: 198749
Ion Ratio Lower Upper
105 100
134 20.0 0.0 40.0





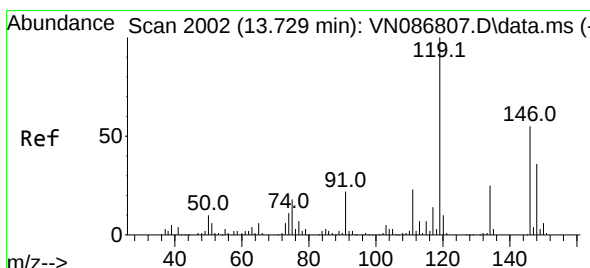
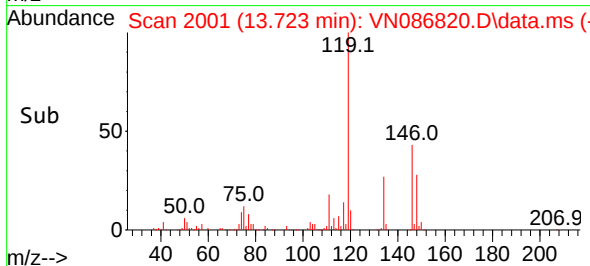
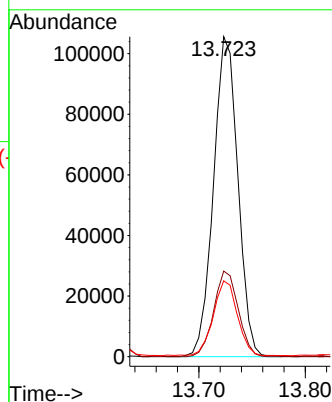
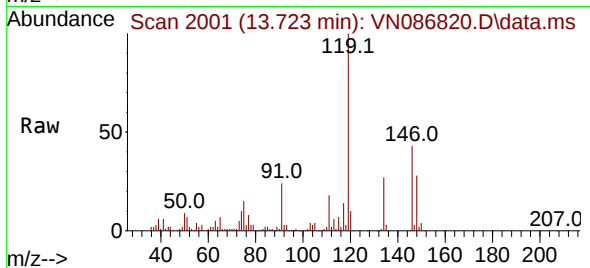
#82
p-Isopropyltoluene
Concen: 25.588 ug/l
RT: 13.723 min Scan# 2001
Delta R.T. 0.000 min
Lab File: VN086820.D
Acq: 29 May 2025 17:25

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MS

Tgt Ion:119 Resp: 16783
Ion Ratio Lower Upper
119 100
134 26.8 0.0 51.8
91 23.2 0.0 45.2

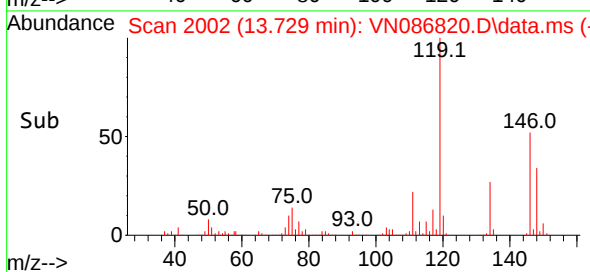
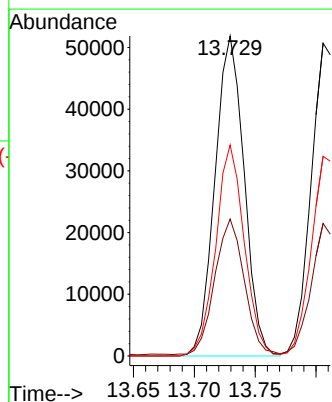
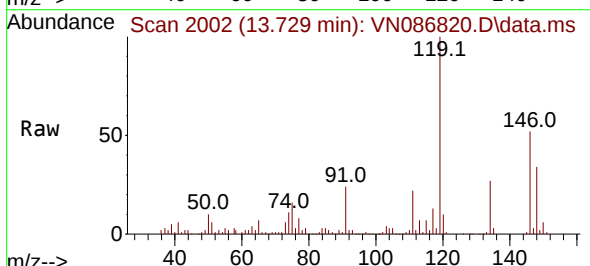
Manual Integrations
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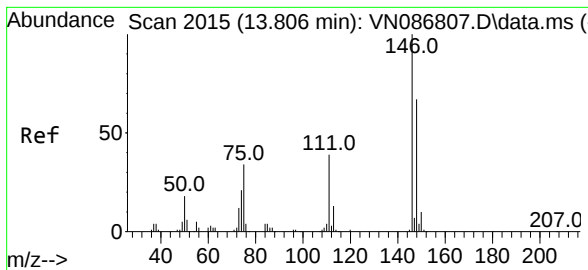
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#83
1,3-Dichlorobenzene
Concen: 23.791 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN086820.D
Acq: 29 May 2025 17:25

Tgt Ion:146 Resp: 86482
Ion Ratio Lower Upper
146 100
111 42.7 21.1 63.1
148 64.6 32.1 96.5





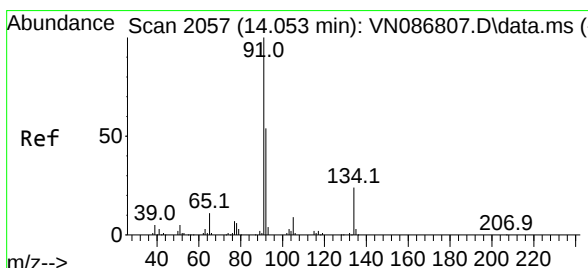
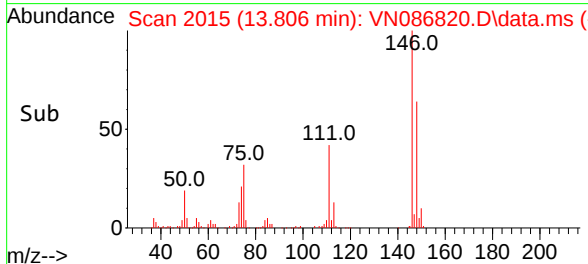
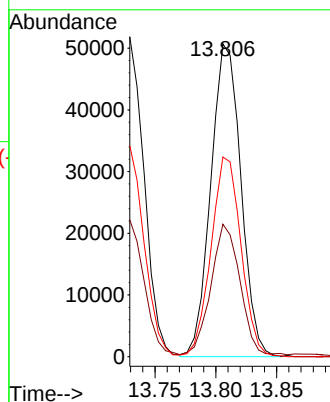
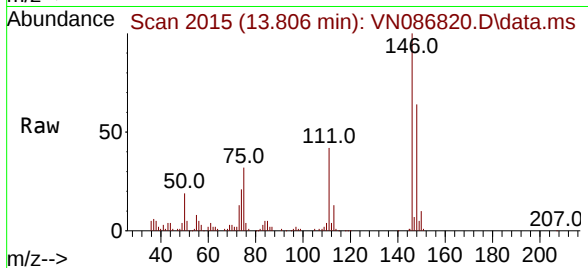
#84
1,4-Dichlorobenzene
Concen: 24.100 ug/l
RT: 13.806 min Scan# 2015
Delta R.T. 0.000 min
Lab File: VN086820.D
Acq: 29 May 2025 17:25

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MS

Tgt Ion:146 Resp: 87180
Ion Ratio Lower Upper
146 100
111 40.3 19.8 59.4
148 63.7 31.9 95.5

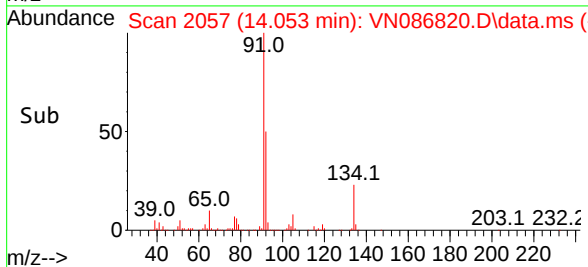
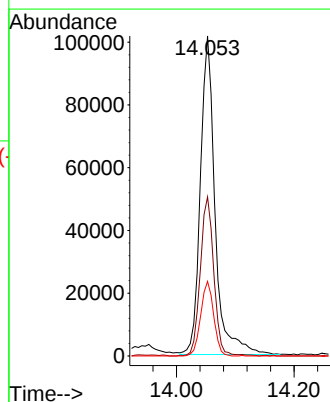
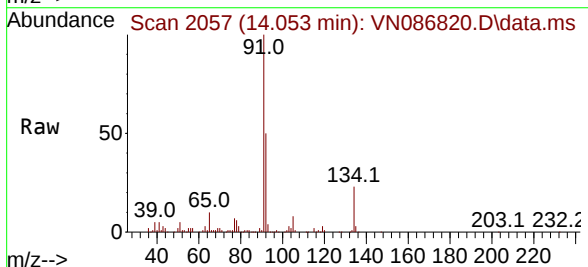
Manual Integrations
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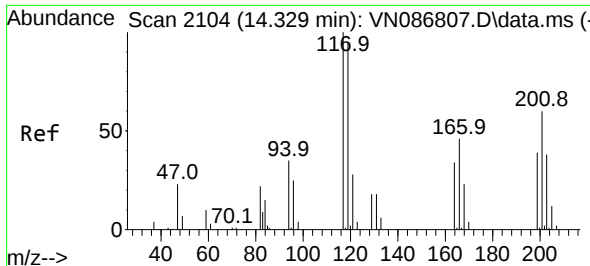
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#85
n-Butylbenzene
Concen: 32.129 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN086820.D
Acq: 29 May 2025 17:25

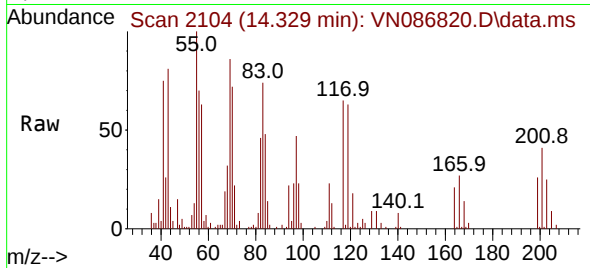
Tgt Ion: 91 Resp: 176426
Ion Ratio Lower Upper
91 100
92 45.6 0.0 107.6
134 20.6 0.0 50.0





#86
Hexachloroethane
Concen: 26.644 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VN086820.D
Acq: 29 May 2025 17:25

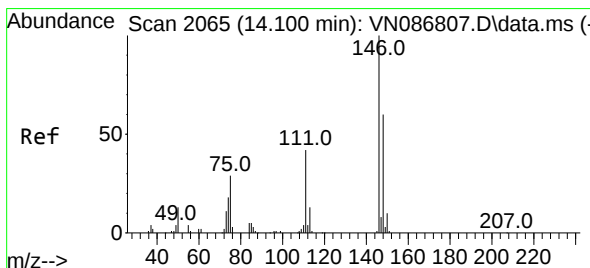
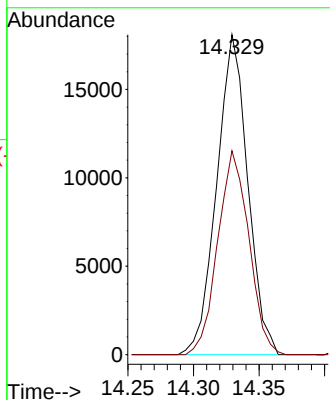
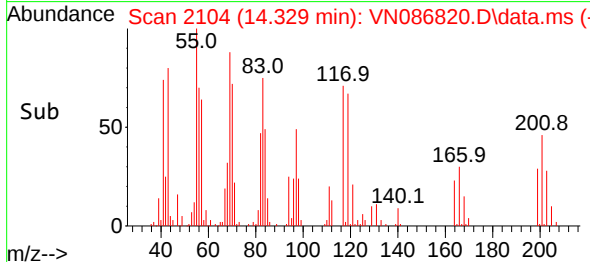
Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MS



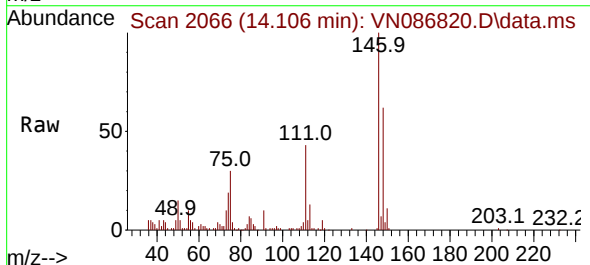
Tgt Ion:117 Resp: 2978
Ion Ratio Lower Upper
117 100
201 63.9 31.4 94.3

Manual Integrations
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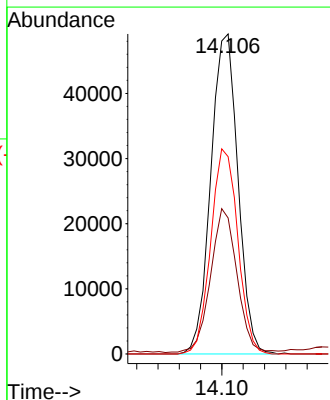
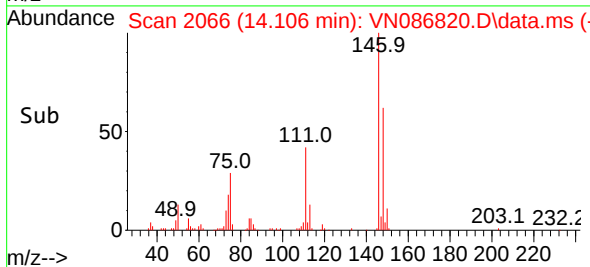
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

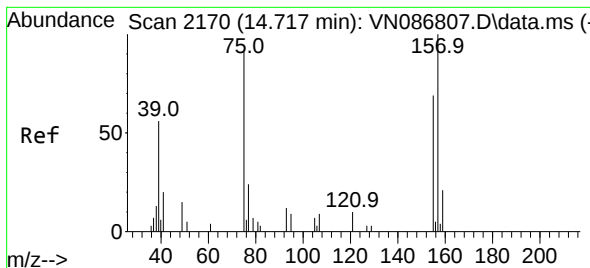


#87
1,2-Dichlorobenzene
Concen: 24.778 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.006 min
Lab File: VN086820.D
Acq: 29 May 2025 17:25



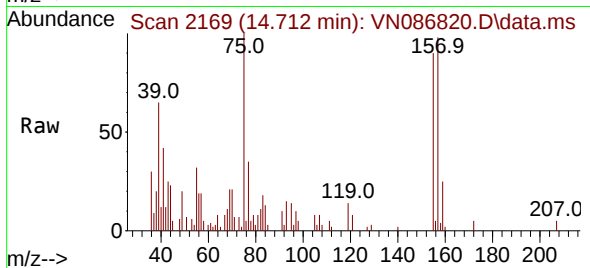
Tgt Ion:146 Resp: 86883
Ion Ratio Lower Upper
146 100
111 43.6 21.6 64.8
148 63.8 31.6 94.7





#88
1,2-Dibromo-3-Chloropropane
Concen: 33.548 ug/l
RT: 14.712 min Scan# 2170
Delta R.T. -0.006 min
Lab File: VN086820.D
Acq: 29 May 2025 17:25

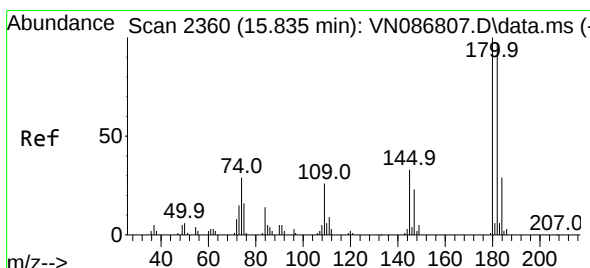
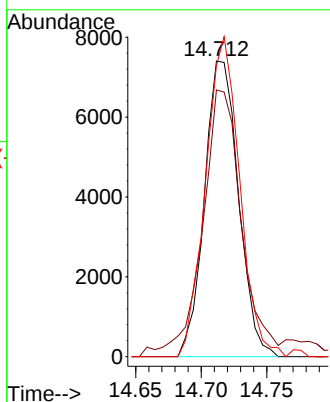
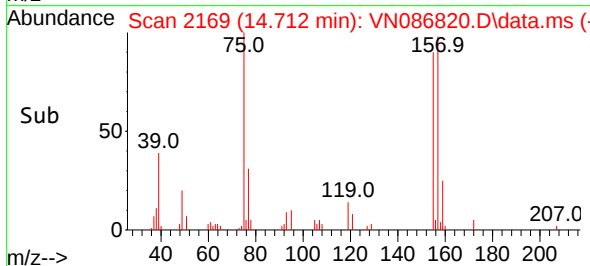
Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MS



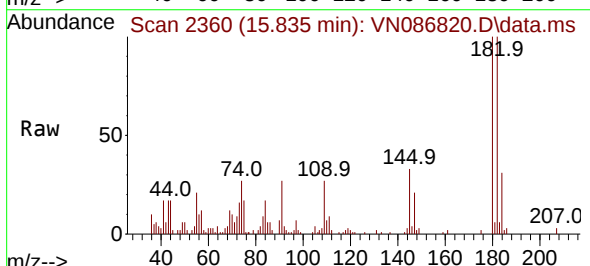
Tgt Ion: 75 Resp: 13390
Ion Ratio Lower Upper
75 100
155 102.0 62.9 94.3
157 108.1 84.0 126.0

Manual Integrations
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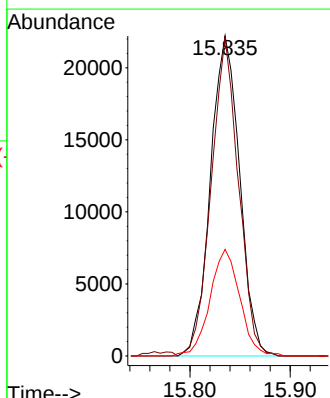
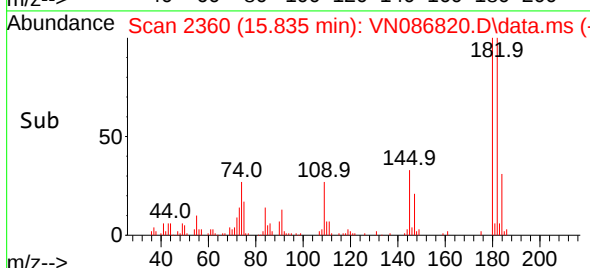
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

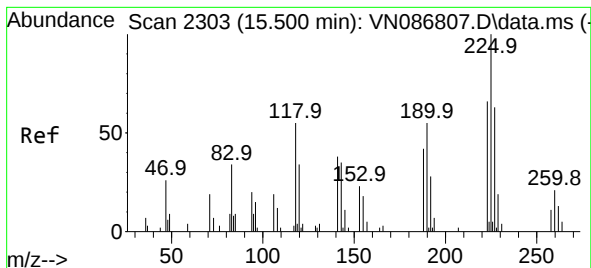


#89
1,2,4-Trichlorobenzene
Concen: 30.626 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VN086820.D
Acq: 29 May 2025 17:25



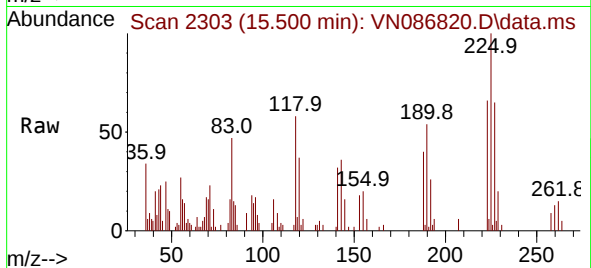
Tgt Ion:180 Resp: 44943
Ion Ratio Lower Upper
180 100
182 92.7 78.2 117.2
145 33.9 28.0 42.0





#90
Hexachlorobutadiene
Concen: 25.982 ug/l
RT: 15.500 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN086820.D
Acq: 29 May 2025 17:25

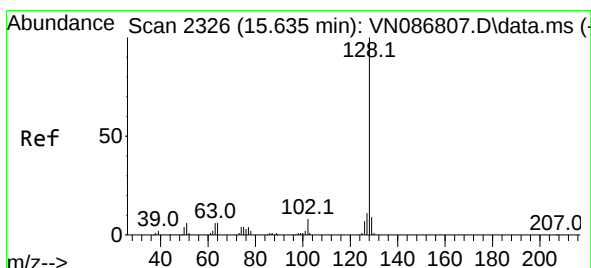
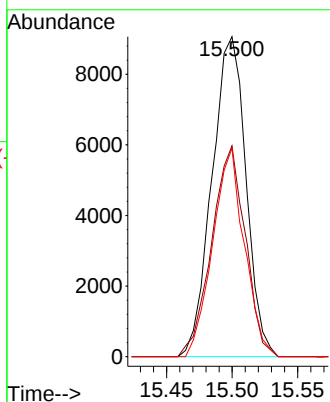
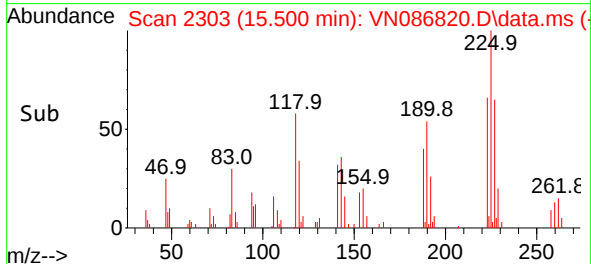
Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MS



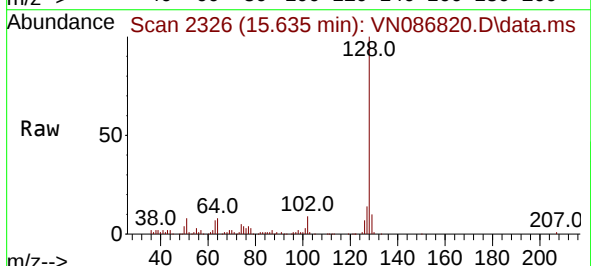
Tgt Ion:225 Resp: 1634
Ion Ratio Lower Upper
225 100
223 65.2 0.0 135.8
227 60.7 0.0 125.0

Manual Integrations
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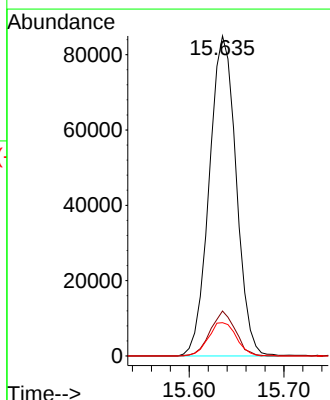
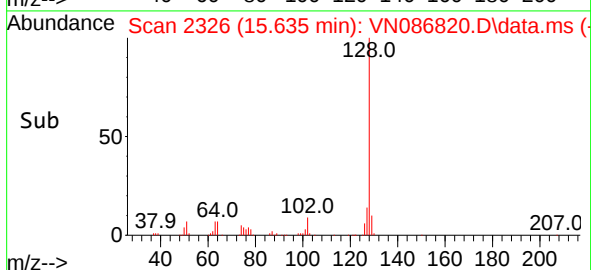
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

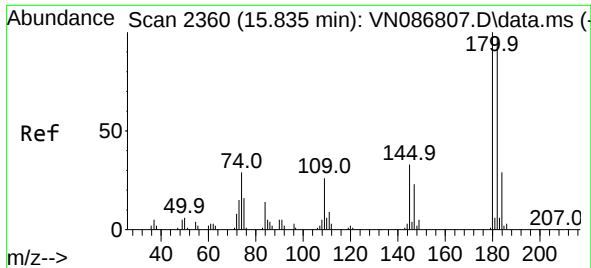


#91
Naphthalene
Concen: 32.814 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. 0.000 min
Lab File: VN086820.D
Acq: 29 May 2025 17:25



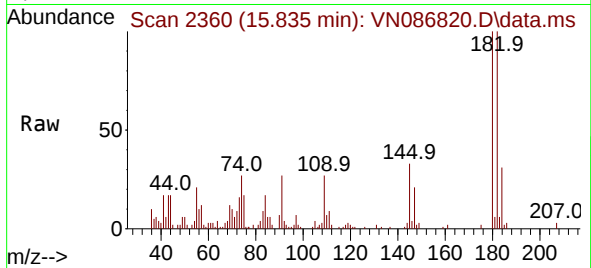
Tgt Ion:128 Resp: 168013
Ion Ratio Lower Upper
128 100
127 13.1 9.8 14.6
129 10.8 8.6 13.0





#92
 1,2,3-Trichlorobenzene
 Concen: 30.626 ug/l
 RT: 15.835 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN086820.D
 Acq: 29 May 2025 17:25

Instrument :
 MSVOA_N
 ClientSampleId :
 OUTFALL-DSN-001MS



Tgt Ion:180 Resp: 4494.3
 Ion Ratio Lower Upper
 180 100
 182 92.7 0.0 195.4
 145 33.9 0.0 70.0

Manual Integrations
 APPROVED

Reviewed By :John Carlone 05/30/2025
 Supervised By :Mahesh Dadoda 05/30/2025

