

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082025\
 Data File : VN087609.D
 Acq On : 20 Aug 2025 11:57
 Operator : JC\MD
 Sample : Q2902-02MS
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OUTFALL-DSN-001MS

Quant Time: Aug 21 02:42:03 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N080525W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Aug 06 02:01:21 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/21/2025
 Supervised By : Mahesh Dadoda 08/25/2025

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

Internal Standards						
1) Bromochloromethane	7.800	128	50255	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.088	114	274038	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.847	117	252169	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.565	65	139348	30.063	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 100.200%			
60) 4-Bromofluorobenzene	12.829	95	125044	28.814	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 96.033%			
63) Toluene-d8	10.547	98	341651	29.445	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 98.167%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	58332	17.778	ug/l	99
3) Chloromethane	2.389	50	59394	17.643	ug/l	100
4) Vinyl Chloride	2.536	62	64125	17.960	ug/l	96
5) Bromomethane	2.983	94	31072	16.078	ug/l	80
6) Chloroethane	3.136	64	46028	19.992	ug/l	93
7) Trichlorofluoromethane	3.512	101	100652	19.588	ug/l	95
8) Diethyl Ether	3.959	74	43495	20.317	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.365	101	56668	21.626	ug/l	88
10) 1,1-Dichloroethene	4.336	96	56327	20.464	ug/l	96
11) Methyl Iodide	4.589	142	27847m	12.849	ug/l	
12) Methyl Acetate	5.018	43	109142	21.488	ug/l #	89
13) Acrolein	4.177	56	100588	129.661	ug/l	97
14) Acrylonitrile	5.712	53	209670	94.534	ug/l	99
15) Acetone	4.424	58	435622	687.405	ug/l	98
16) Carbon Disulfide	4.706	76	145043	16.988	ug/l	97
17) Allyl chloride	5.012	41	93151	16.604	ug/l	91
18) Methylene Chloride	5.271	84	69838	19.709	ug/l	88
19) trans-1,2-Dichloroethene	5.765	96	57487m	17.563	ug/l	
20) Diisopropyl ether	6.659	45	233146	18.243	ug/l	95
21) 1,1-Dichloroethane	6.547	63	122875	18.600	ug/l	96
22) cis-1,2-Dichloroethene	7.477	96	74596	18.523	ug/l	98
23) tert-Butyl Alcohol	5.524	59	91421	97.002	ug/l #	100
24) Methyl tert-Butyl Ether	5.789	73	231270	18.440	ug/l #	75
25) Chloroform	7.947	83	218606	31.702	ug/l	95
26) Cyclohexane	8.241	56	96517	18.248	ug/l #	98
29) 1,1-Dichloropropene	8.353	75	82765	18.517	ug/l	98
30) 2-Butanone	7.471	43	340608	103.384	ug/l	100
31) 2,2-Dichloropropane	7.477	77	107729	18.688	ug/l	100
32) 1,1,1-Trichloroethane	8.153	97	106930	18.758	ug/l	99
33) Carbon Tetrachloride	8.347	117	89205	18.837	ug/l	95
34) Benzene	8.588	78	268810	19.052	ug/l	97
35) Methacrylonitrile	7.765	41	68369	19.230	ug/l	96
36) 1,2-Dichloroethane	8.653	62	103708	18.186	ug/l	99
37) Trichloroethene	9.341	130	59418	19.118	ug/l	83
38) Methylcyclohexane	9.582	83	92618	17.862	ug/l	98
39) 1,2-Dichloropropane	9.600	63	69987	19.347	ug/l	96
40) Dibromomethane	9.688	93	52444	19.322	ug/l	98
41) Bromodichloromethane	9.871	83	123218	21.848	ug/l	98
42) Vinyl Acetate	6.594	43	968565	89.271	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.547	43	123727	19.439	ug/l	98
44) Isopropyl Acetate	8.677	43	197742	18.328	ug/l	98
45) 1,4-Dioxane	9.682	88	30952	450.018	ug/l	96
46) Methyl methacrylate	9.665	41	92516	18.166	ug/l	86
47) n-amyl Acetate	12.535	43	114521m	19.215	ug/l	
48) t-1,3-Dichloropropene	10.818	75	111130	18.112	ug/l	100
49) cis-1,3-Dichloropropene	10.294	75	111376	18.037	ug/l	94
50) 1,1,2-Trichloroethane	11.000	97	66421	19.369	ug/l	93
51) Ethyl methacrylate	10.859	69	104302	17.270	ug/l	96
52) 1,3-Dichloropropane	11.141	76	119707	19.376	ug/l	100
53) Dibromochloromethane	11.335	129	79034	19.957	ug/l	99
54) 1,2-Dibromoethane	11.453	107	68348	18.775	ug/l	97
56) Bromoform	12.559	173	49161	18.768	ug/l #	99
58) 4-Methyl-2-Pentanone	10.429	43	634761	97.852	ug/l	100
59) 2-Hexanone	11.176	43	394402	89.483	ug/l	98
61) Tetrachloroethene	11.082	164	47052	19.152	ug/l	96
62) Toluene	10.612	91	288250	18.520	ug/l	99
64) Chlorobenzene	11.871	112	176820	18.489	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.941	131	60167	17.894	ug/l	98
66) Ethyl Benzene	11.941	91	313471	18.070	ug/l	96
67) m/p-Xylenes	12.053	106	234674	36.855	ug/l	94
68) o-Xylene	12.376	106	112552	17.967	ug/l	95
69) Styrene	12.394	104	190698	17.828	ug/l	97
70) Isopropylbenzene	12.670	105	287573	18.069	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.918	83	107758	19.761	ug/l	100
72) 1,2,3-Trichloropropane	12.976	75	102002m	20.079	ug/l	
73) Bromobenzene	12.965	156	67709	18.352	ug/l	97
74) n-propylbenzene	13.012	91	364448	18.336	ug/l	100
75) 2-Chlorotoluene	13.106	91	220760	18.056	ug/l	99
76) 1,3,5-Trimethylbenzene	13.153	105	246343	18.078	ug/l	99
77) t-1,4-Dichloro-2-butene	12.723	75	29449	15.314	ug/l	83
78) 4-Chlorotoluene	13.200	91	226327	18.267	ug/l	98
79) tert-butylbenzene	13.417	119	207454	18.057	ug/l	99
80) 1,2,4-Trimethylbenzene	13.459	105	249708	18.339	ug/l	99
81) sec-Butylbenzene	13.594	105	307869	18.407	ug/l	99
82) p-Isopropyltoluene	13.706	119	255793	18.419	ug/l	99
83) 1,3-Dichlorobenzene	13.712	146	134487	19.143	ug/l	99
84) 1,4-Dichlorobenzene	13.788	146	137073	19.244	ug/l	98
85) n-Butylbenzene	14.035	91	248166	18.265	ug/l	97
86) Hexachloroethane	14.312	117	48796	17.993	ug/l	97
87) 1,2-Dichlorobenzene	14.082	146	132579	19.769	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	14.700	75	26154	18.933	ug/l	97
89) 1,2,4-Trichlorobenzene	15.811	180	76100	18.988	ug/l	98
90) Hexachlorobutadiene	15.476	225	28421	18.237	ug/l	98
91) Naphthalene	15.617	128	280180	18.334	ug/l	99
92) 1,2,3-Trichlorobenzene	15.811	180	76100	18.988	ug/l	98

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



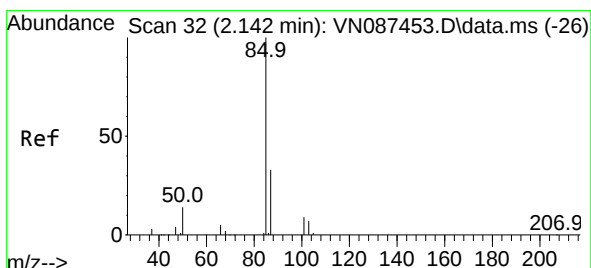
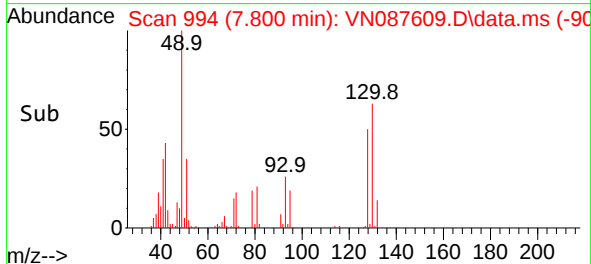
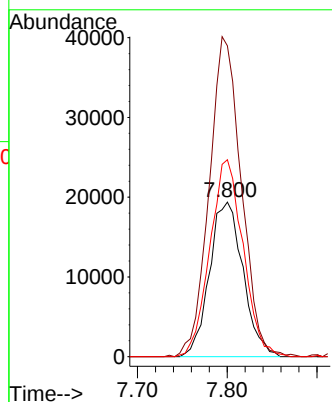
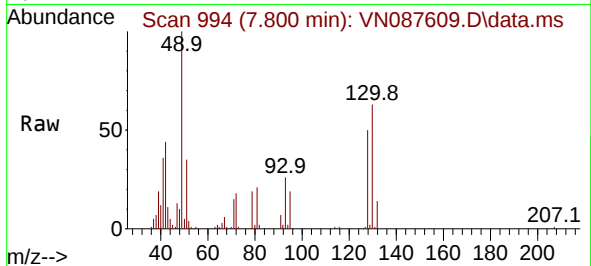
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Bromochloromethane
Concen: 30.000 ug/l
RT: 7.800 min Scan# 994
Delta R.T. 0.000 min
Lab File: VN087609.D
Acq: 20 Aug 2025 11:57

Instrument :
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ClientSampleId :
OUTFALL-DSN-001MS

Tgt Ion:128 Resp: 5025
Ion Ratio Lower Upper
128 100
49 198.2 0.0 494.8
130 126.6 0.0 321.5

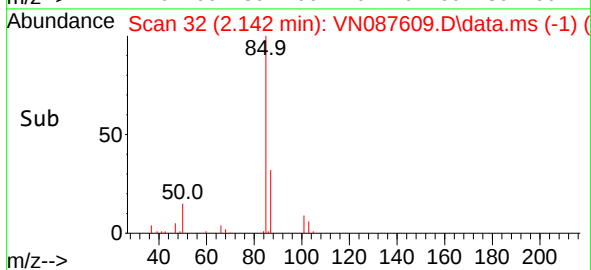
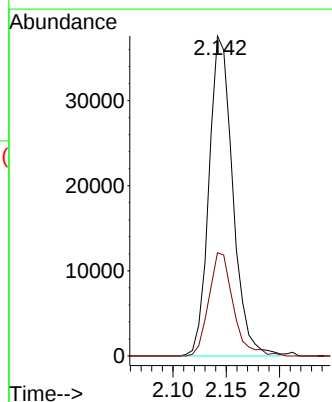
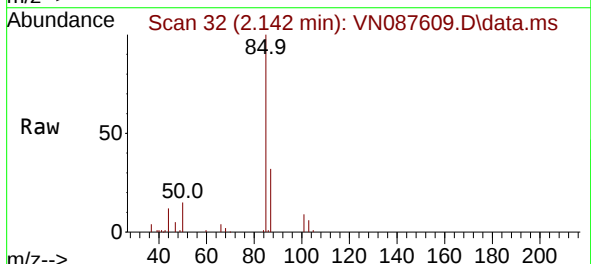
Manual Integrations
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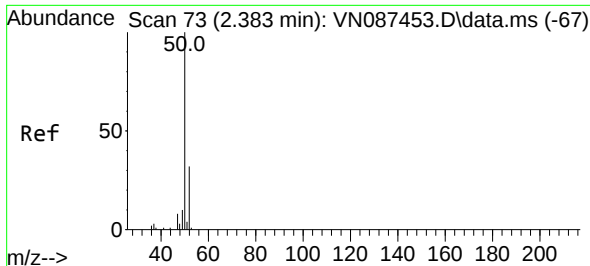
Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/25/2025



#2
Dichlorodifluoromethane
Concen: 17.778 ug/l
RT: 2.142 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN087609.D
Acq: 20 Aug 2025 11:57

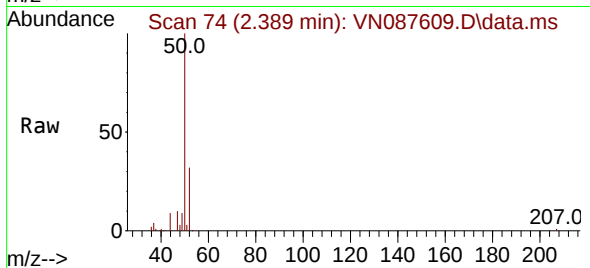
Tgt Ion: 85 Resp: 58332
Ion Ratio Lower Upper
85 100
87 32.3 16.4 49.2





#3
Chloromethane
Concen: 17.643 ug/l
RT: 2.389 min Scan# 74
Delta R.T. 0.006 min
Lab File: VN087609.D
Acq: 20 Aug 2025 11:57

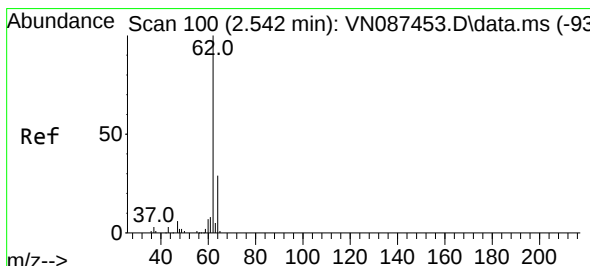
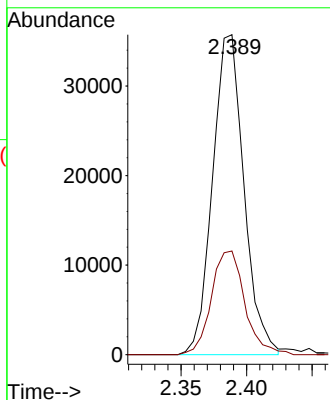
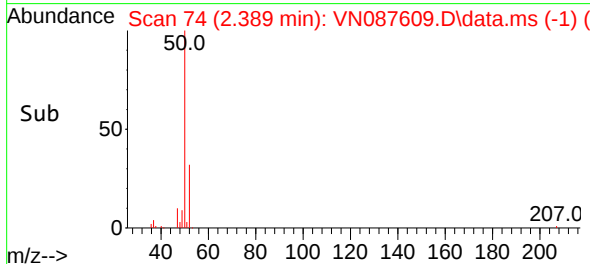
Instrument :
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ClientSampleId :
OUTFALL-DSN-001MS



Tgt Ion: 50 Resp: 59394
Ion Ratio Lower Upper
50 100
52 32.4 25.8 38.6

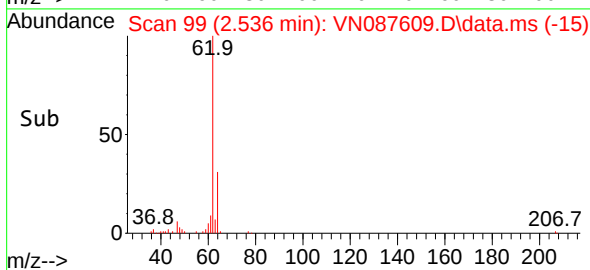
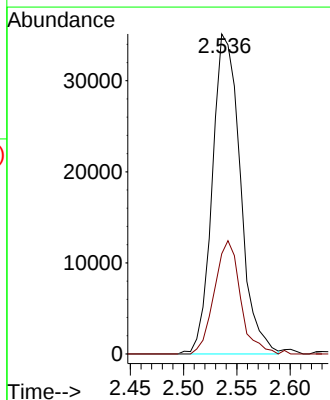
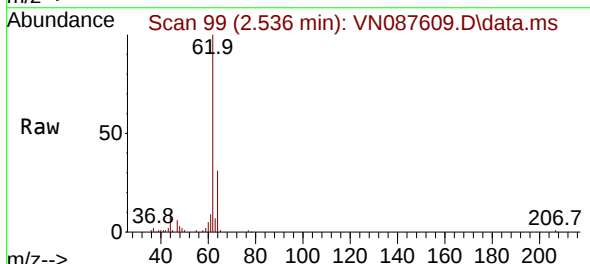
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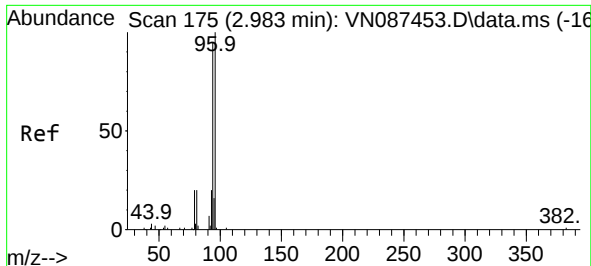
Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/25/2025



#4
Vinyl Chloride
Concen: 17.960 ug/l
RT: 2.536 min Scan# 99
Delta R.T. -0.006 min
Lab File: VN087609.D
Acq: 20 Aug 2025 11:57

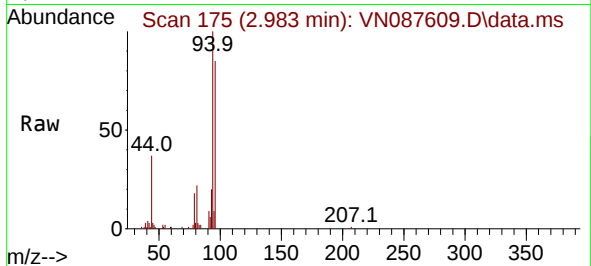
Tgt Ion: 62 Resp: 64125
Ion Ratio Lower Upper
62 100
64 31.3 23.4 35.2





#5
Bromomethane
Concen: 16.078 ug/l
RT: 2.983 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087609.D
Acq: 20 Aug 2025 11:57

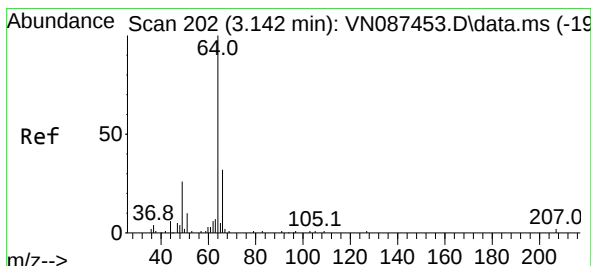
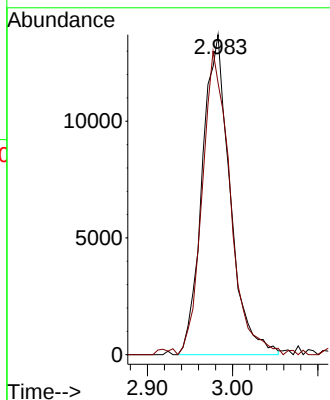
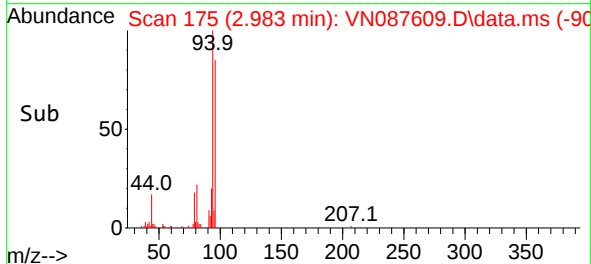
Instrument :
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ClientSampleId :
OUTFALL-DSN-001MS



Tgt Ion: 94 Resp: 31072
Ion Ratio Lower Upper
94 100
96 84.9 84.2 126.4

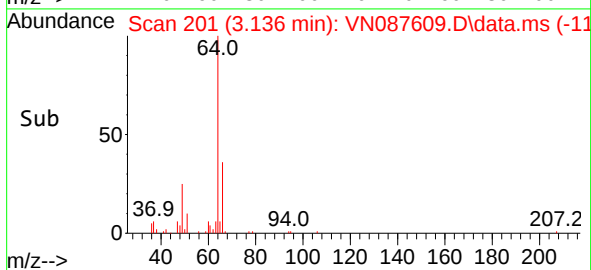
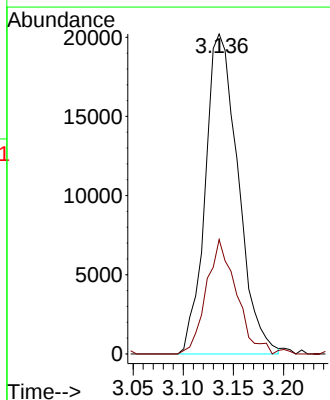
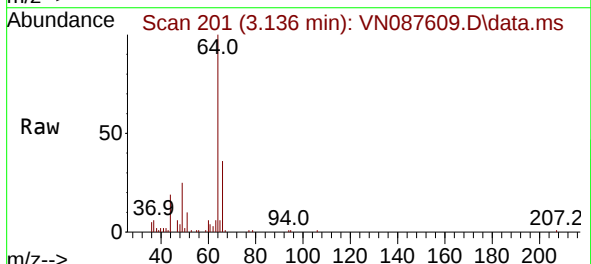
Manual Integrations
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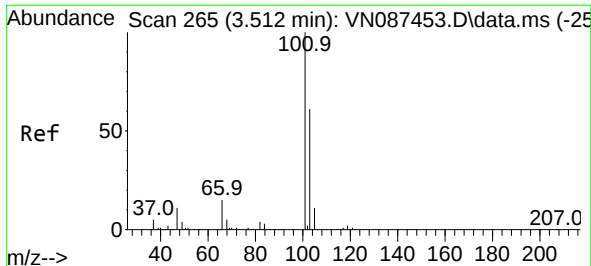
Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/25/2025



#6
Chloroethane
Concen: 19.992 ug/l
RT: 3.136 min Scan# 201
Delta R.T. -0.006 min
Lab File: VN087609.D
Acq: 20 Aug 2025 11:57

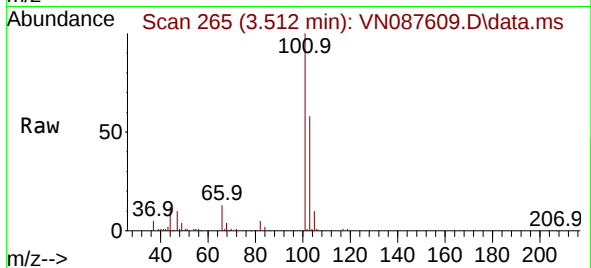
Tgt Ion: 64 Resp: 46028
Ion Ratio Lower Upper
64 100
66 35.7 25.4 38.0





#7
 Trichlorofluoromethane
 Concen: 19.588 ug/l
 RT: 3.512 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN087609.D
 Acq: 20 Aug 2025 11:57

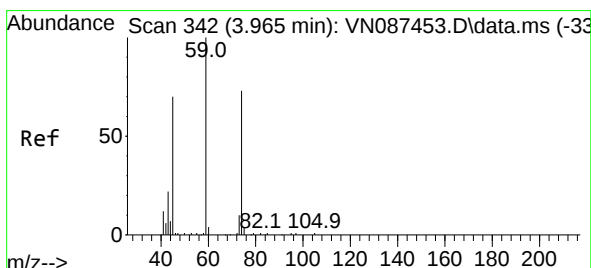
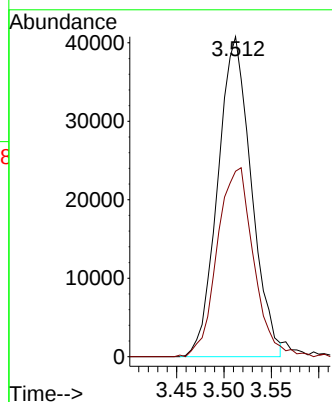
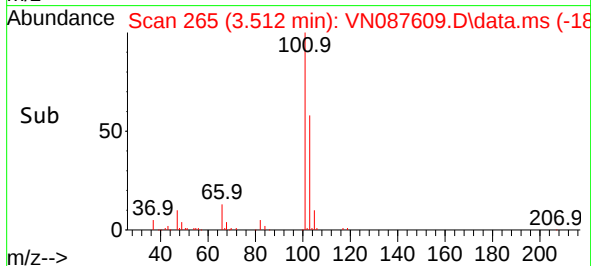
Instrument :
 MSVOA_N
 ClientSampleId :
 OUTFALL-DSN-001MS



Tgt Ion:101 Resp: 100652
 Ion Ratio Lower Upper
 101 100
 103 57.4 49.2 73.8

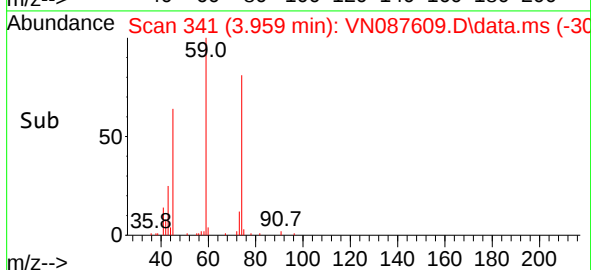
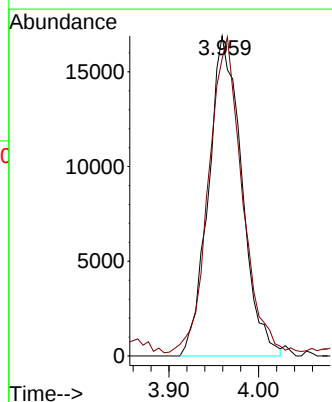
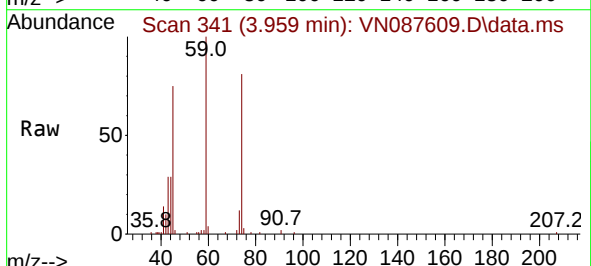
Manual Integrations
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Reviewed By :John Carlone 08/21/2025
 Supervised By :Mahesh Dadoda 08/25/2025



#8
 Diethyl Ether
 Concen: 20.317 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.006 min
 Lab File: VN087609.D
 Acq: 20 Aug 2025 11:57

Tgt Ion: 74 Resp: 43495
 Ion Ratio Lower Upper
 74 100
 45 98.7 20.1 180.9





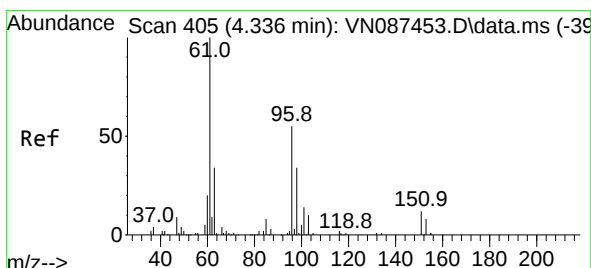
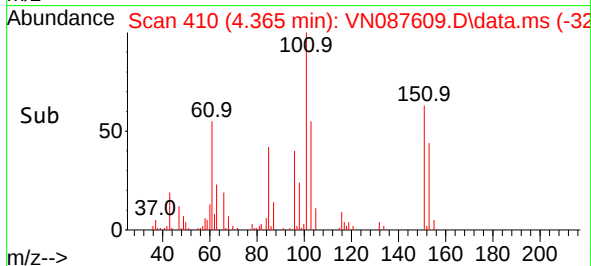
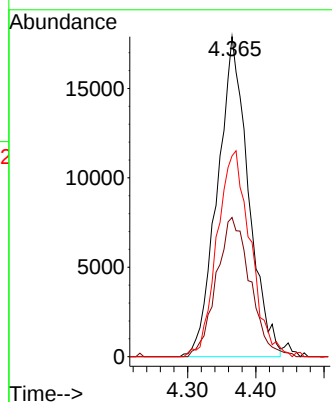
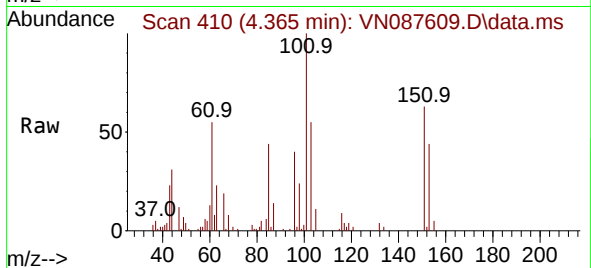
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 1,1,2-Trichlorotrifluoroethane
 Concen: 21.626 ug/l
 RT: 4.365 min Scan# 411
 Delta R.T. -0.006 min
 Lab File: VN087609.D
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Instrument :
 MSVOA_N
 ClientSampleId :
 OUTFALL-DSN-001MS

Tgt Ion:101 Resp: 5668
 Ion Ratio Lower Upper
 101 100
 85 47.4 0.0 57.0
 151 68.5 0.0 134.2

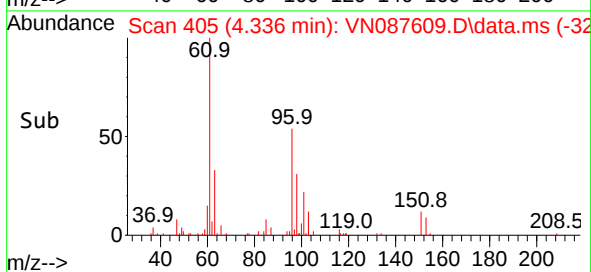
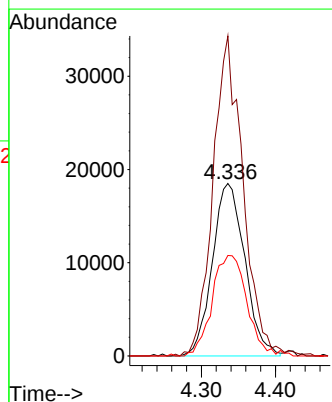
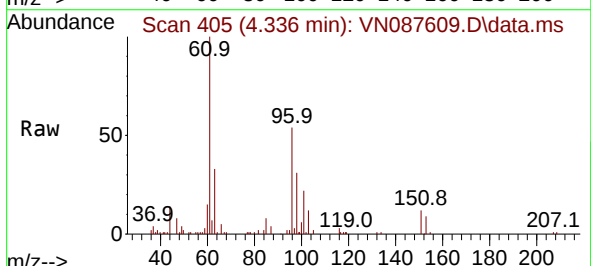
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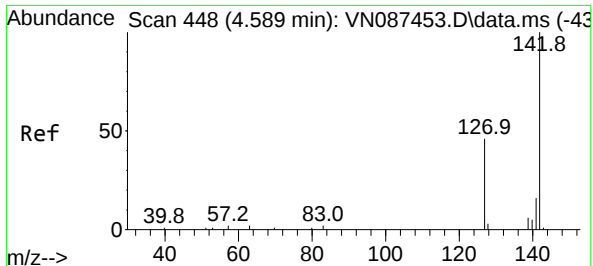
Reviewed By :John Carlone 08/21/2025
 Supervised By :Mahesh Dadoda 08/25/2025



#10
 1,1-Dichloroethene
 Concen: 20.464 ug/l
 RT: 4.336 min Scan# 405
 Delta R.T. 0.000 min
 Lab File: VN087609.D
 Acq: 20 Aug 2025 11:57

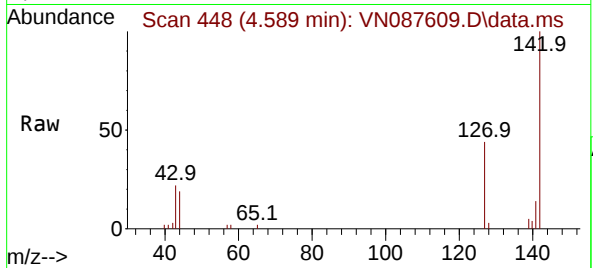
Tgt Ion: 96 Resp: 56327
 Ion Ratio Lower Upper
 96 100
 61 185.5 144.2 216.4
 98 58.2 49.7 74.5





#11
Methyl Iodide
Concen: 12.849 ug/l m
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN087609.D
Acq: 20 Aug 2025 11:57

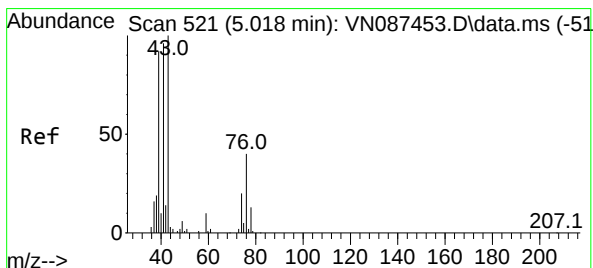
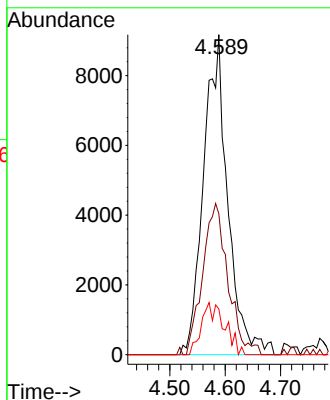
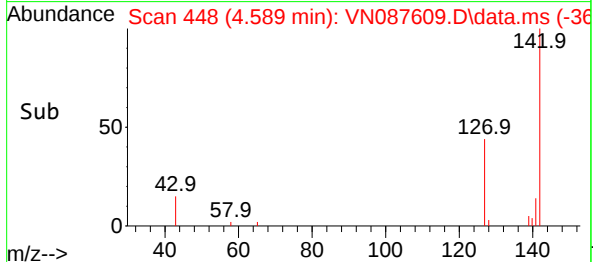
Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MS



Tgt Ion:142 Resp: 2784
Ion Ratio Lower Upper
142 100
127 44.0 22.9 68.7
141 14.3 7.7 23.1

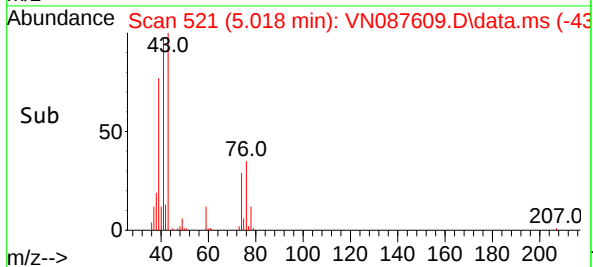
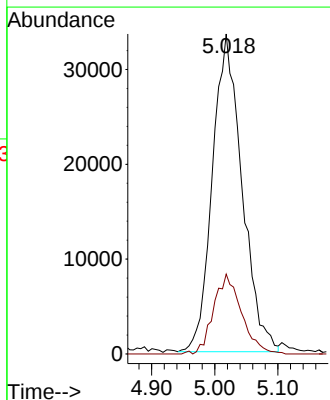
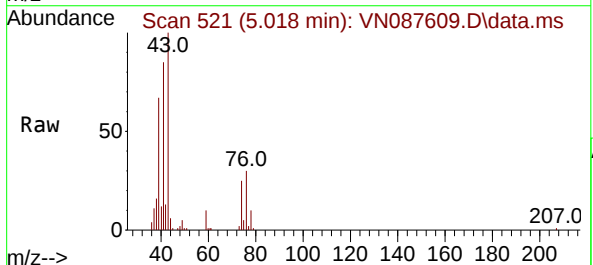
Manual Integrations
APPROVED

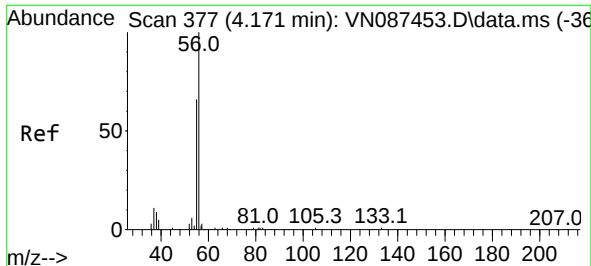
Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/25/2025



#12
Methyl Acetate
Concen: 21.488 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN087609.D
Acq: 20 Aug 2025 11:57

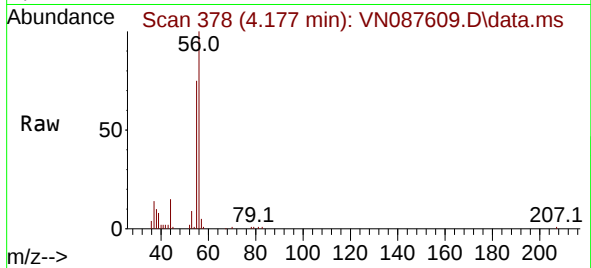
Tgt Ion: 43 Resp: 109142
Ion Ratio Lower Upper
43 100
74 25.1 16.0 24.0#





#13
Acrolein
Concen: 129.661 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN087609.D
Acq: 20 Aug 2025 11:57

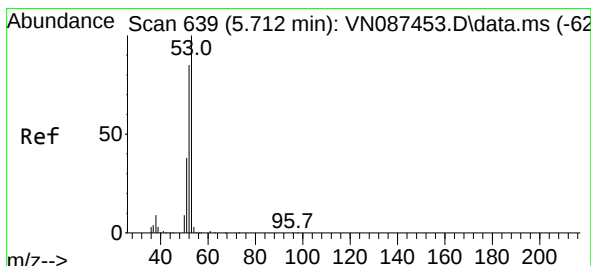
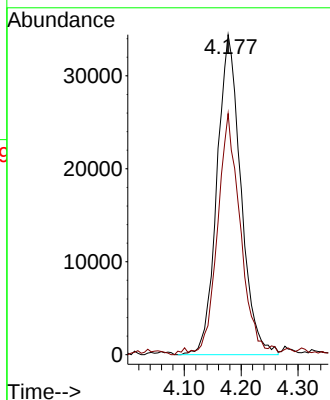
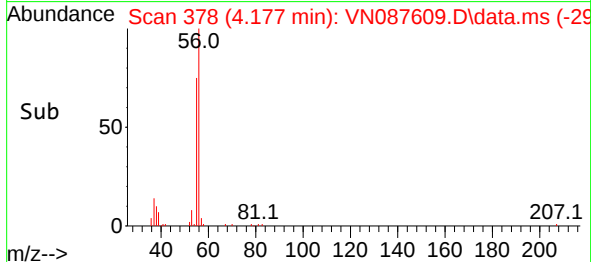
Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MS



Tgt Ion: 56 Resp: 100588
Ion Ratio Lower Upper
56 100
55 69.4 57.4 86.0

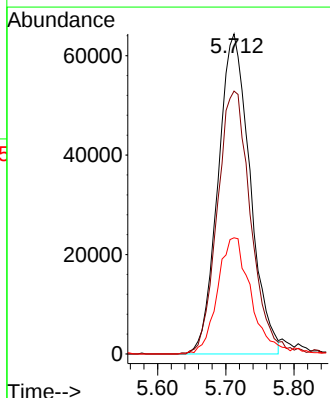
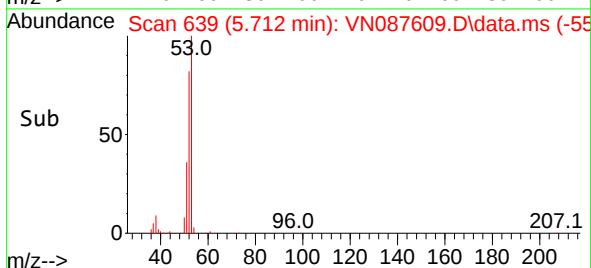
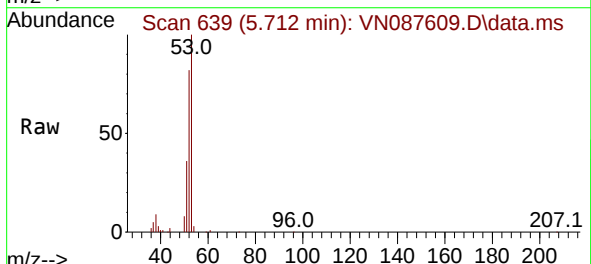
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/25/2025



#14
Acrylonitrile
Concen: 94.534 ug/l
RT: 5.712 min Scan# 639
Delta R.T. 0.000 min
Lab File: VN087609.D
Acq: 20 Aug 2025 11:57

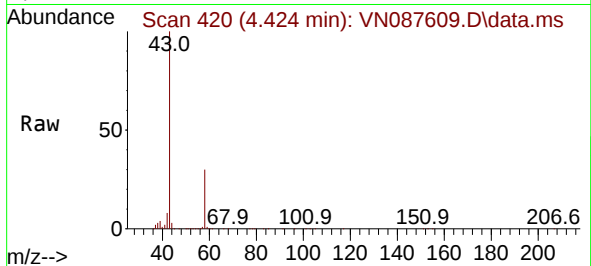
Tgt Ion: 53 Resp: 209670
Ion Ratio Lower Upper
53 100
52 85.5 42.4 127.2
51 37.7 18.5 55.5





#15
Acetone
Concen: 687.405 ug/l
RT: 4.424 min Scan# 419
Delta R.T. 0.006 min
Lab File: VN087609.D
Acq: 20 Aug 2025 11:57

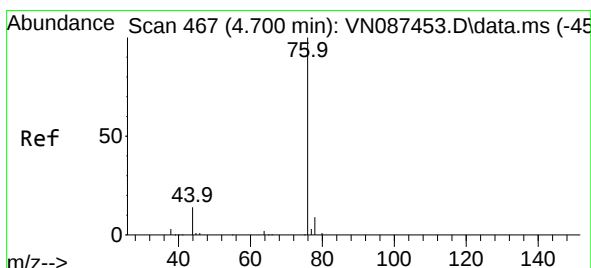
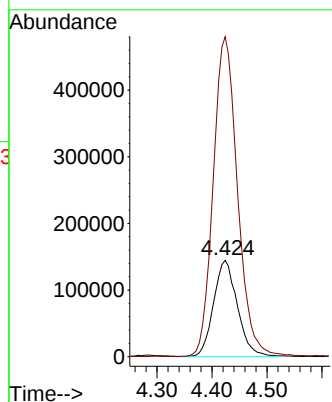
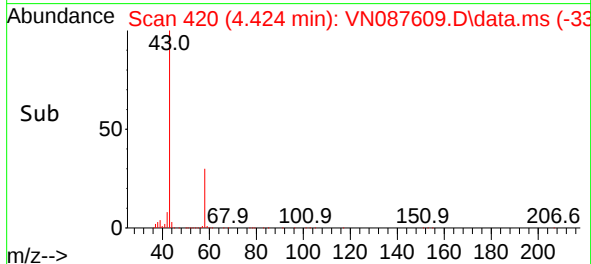
Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MS



Tgt Ion: 58 Resp: 43562
Ion Ratio Lower Upper
58 100
43 332.0 268.9 403.3

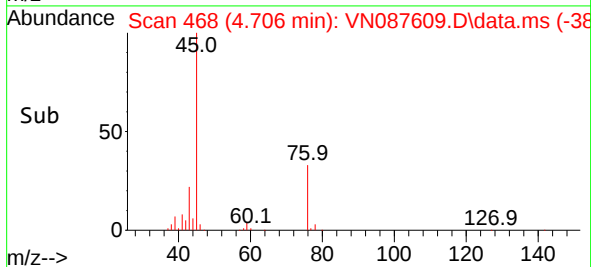
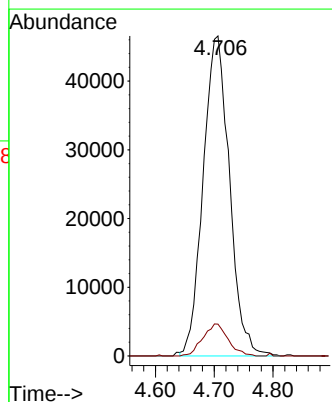
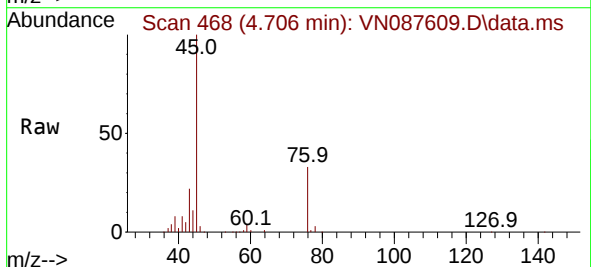
Manual Integrations
APPROVED

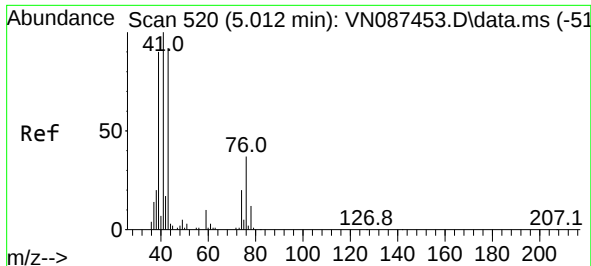
Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/25/2025



#16
Carbon Disulfide
Concen: 16.988 ug/l
RT: 4.706 min Scan# 468
Delta R.T. 0.006 min
Lab File: VN087609.D
Acq: 20 Aug 2025 11:57

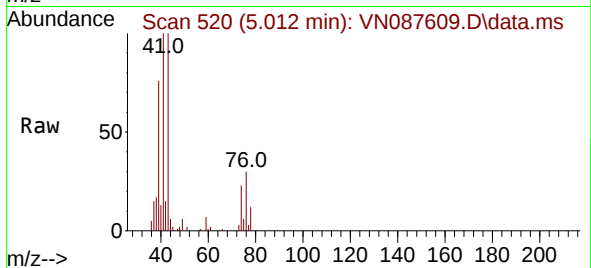
Tgt Ion: 76 Resp: 145043
Ion Ratio Lower Upper
76 100
78 10.0 7.1 10.7





#17
Allyl chloride
Concen: 16.604 ug/l
RT: 5.012 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN087609.D
Acq: 20 Aug 2025 11:57

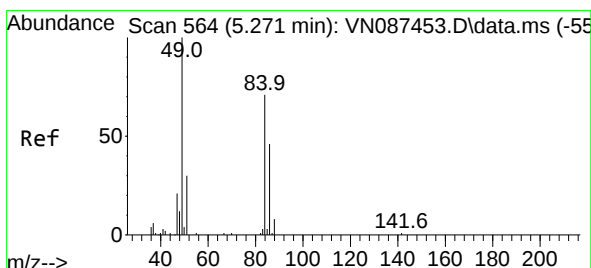
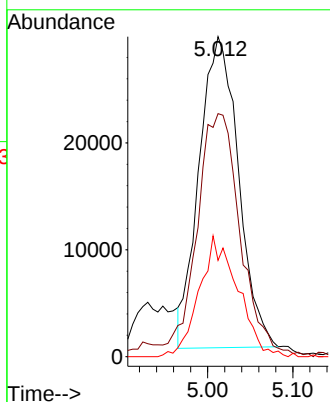
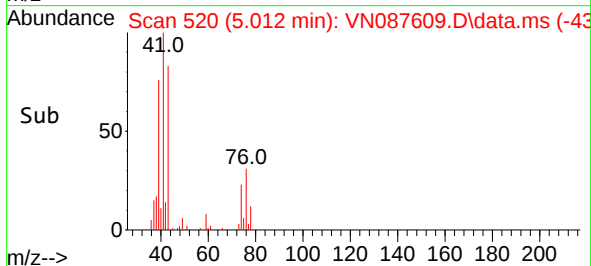
Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MS



Tgt Ion: 41 Resp: 9315
Ion Ratio Lower Upper
41 100
39 75.7 42.4 127.2
76 29.3 16.9 50.6

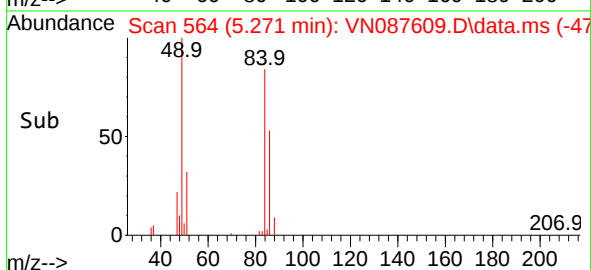
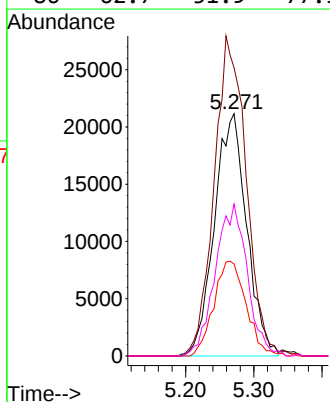
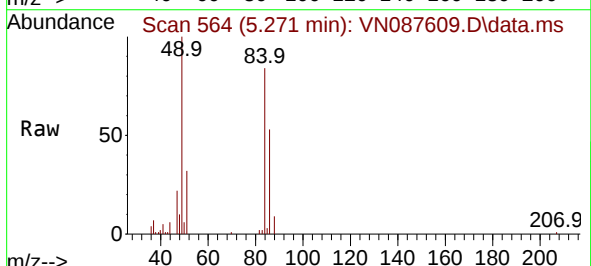
Manual Integrations
APPROVED

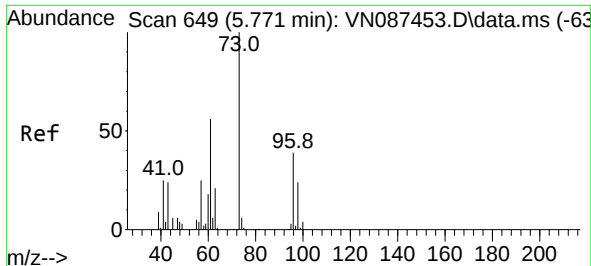
Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/25/2025



#18
Methylene Chloride
Concen: 19.709 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.000 min
Lab File: VN087609.D
Acq: 20 Aug 2025 11:57

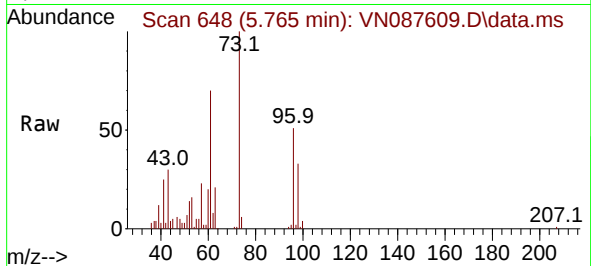
Tgt Ion: 84 Resp: 69838
Ion Ratio Lower Upper
84 100
49 118.3 112.9 169.3
51 38.0 33.8 50.8
86 62.7 51.9 77.9





#19
trans-1,2-Dichloroethene
Concen: 17.563 ug/l m
RT: 5.765 min Scan# 649
Delta R.T. -0.006 min
Lab File: VN087609.D
Acq: 20 Aug 2025 11:57

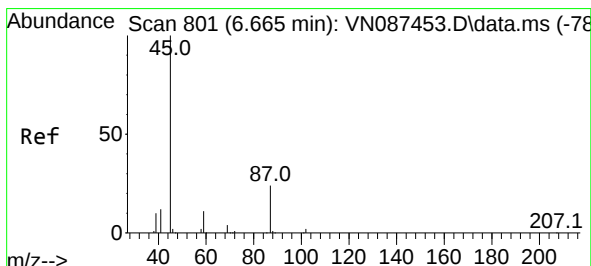
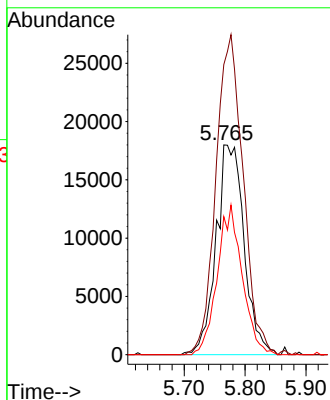
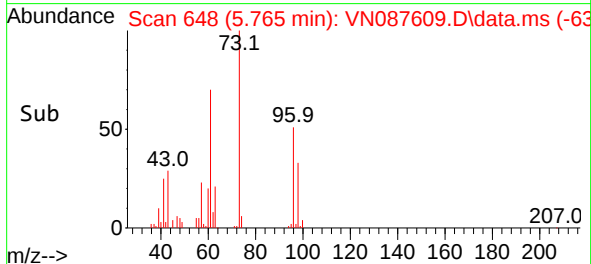
Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MS



Tgt Ion: 96 Resp: 5748
Ion Ratio Lower Upper
96 100
61 138.3 114.2 171.4
98 65.8 48.7 73.1

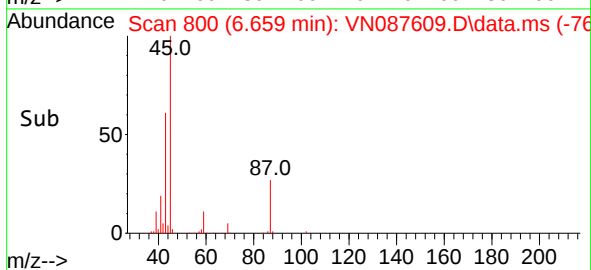
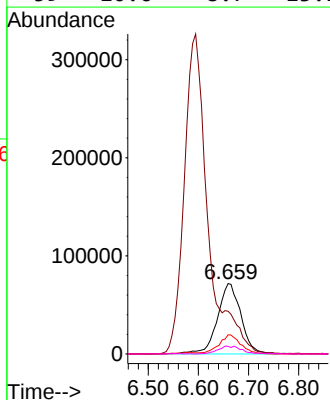
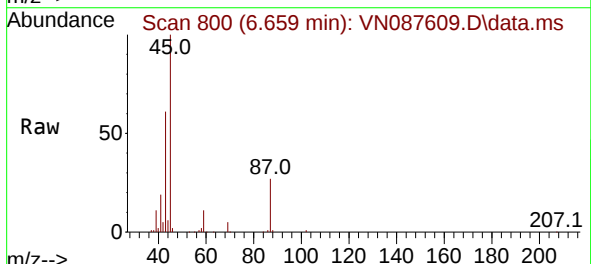
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/25/2025



#20
Diisopropyl ether
Concen: 18.243 ug/l
RT: 6.659 min Scan# 800
Delta R.T. -0.006 min
Lab File: VN087609.D
Acq: 20 Aug 2025 11:57

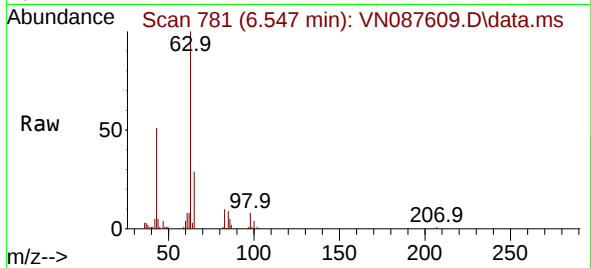
Tgt Ion: 45 Resp: 233146
Ion Ratio Lower Upper
45 100
43 59.8 44.7 67.1
87 27.5 20.2 30.2
59 10.6 8.7 13.1





#21
1,1-Dichloroethane
Concen: 18.600 ug/l
RT: 6.547 min Scan# 71
Delta R.T. -0.006 min
Lab File: VN087609.D
Acq: 20 Aug 2025 11:57

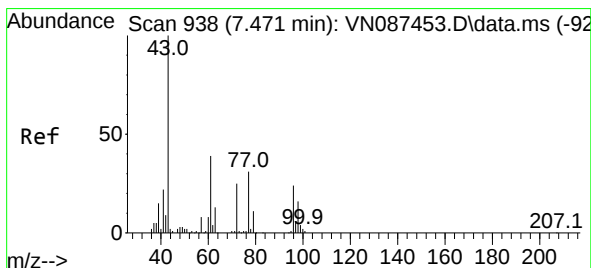
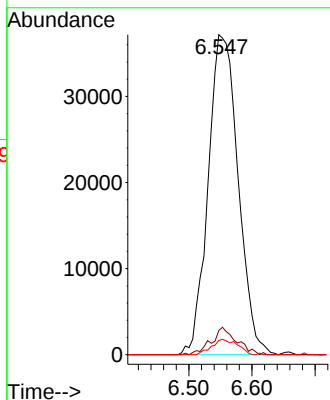
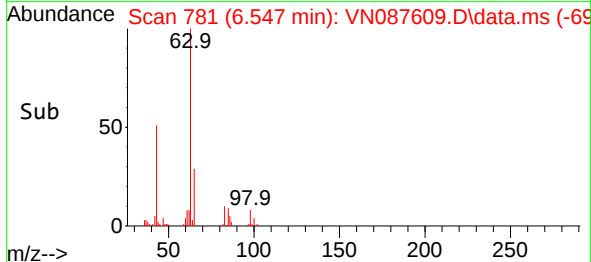
Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MS



Tgt Ion: 63 Resp: 122875
Ion Ratio Lower Upper
63 100
98 7.6 3.0 9.0
100 4.5 1.9 5.7

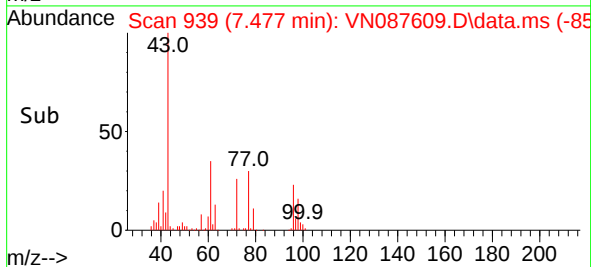
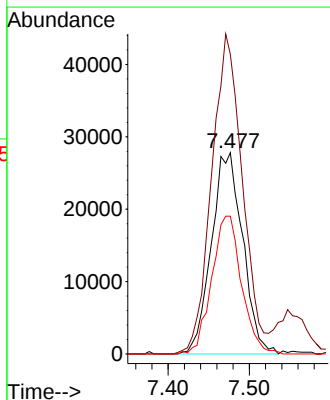
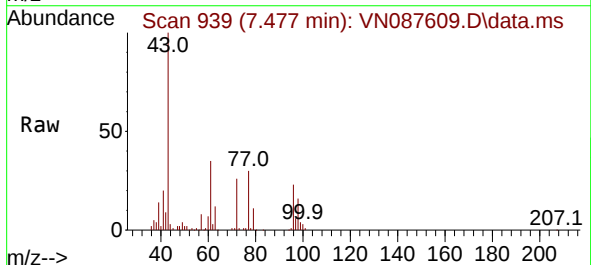
Manual Integrations
APPROVED

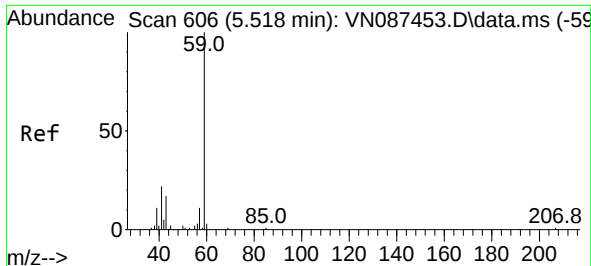
Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/25/2025



#22
cis-1,2-Dichloroethene
Concen: 18.523 ug/l
RT: 7.477 min Scan# 939
Delta R.T. 0.006 min
Lab File: VN087609.D
Acq: 20 Aug 2025 11:57

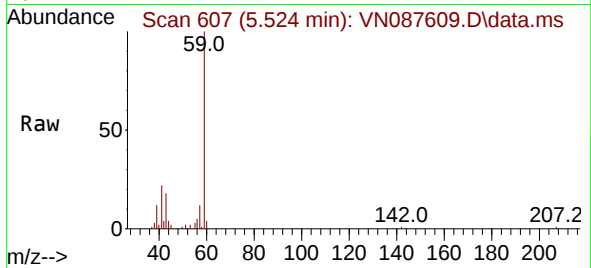
Tgt Ion: 96 Resp: 74596
Ion Ratio Lower Upper
96 100
61 156.0 126.6 190.0
98 65.3 50.9 76.3





#23
tert-Butyl Alcohol
Concen: 97.002 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN087609.D
Acq: 20 Aug 2025 11:57

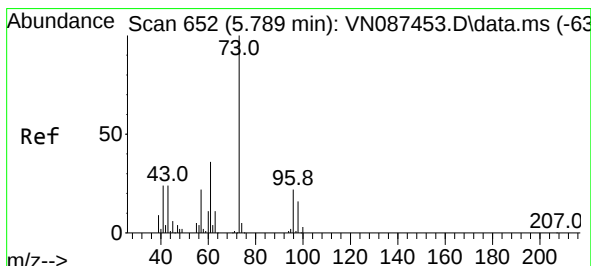
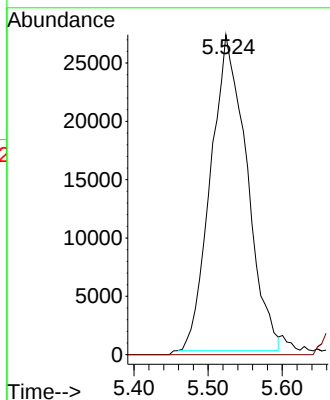
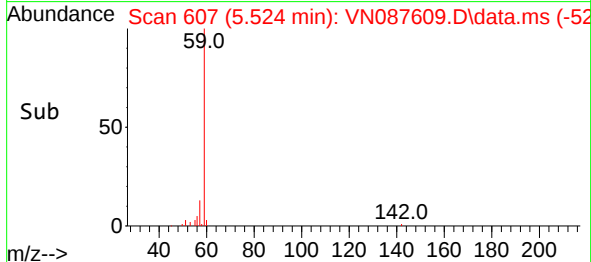
Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MS



Tgt Ion: 59 Resp: 9142
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

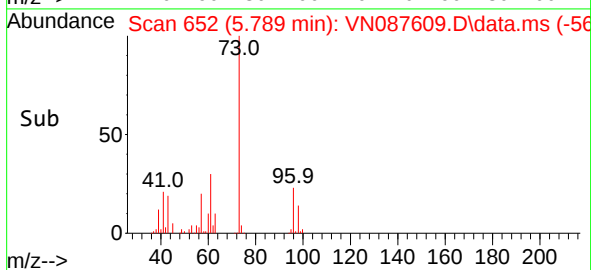
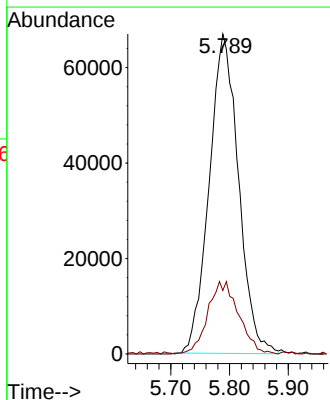
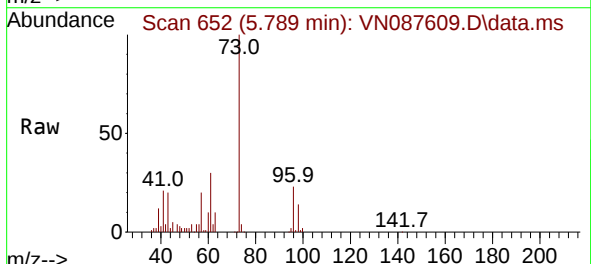
Manual Integrations
APPROVED

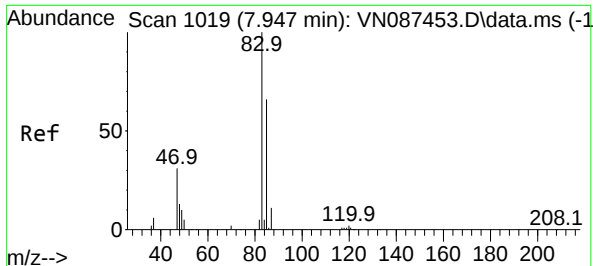
Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/25/2025



#24
Methyl tert-Butyl Ether
Concen: 18.440 ug/l
RT: 5.789 min Scan# 652
Delta R.T. 0.000 min
Lab File: VN087609.D
Acq: 20 Aug 2025 11:57

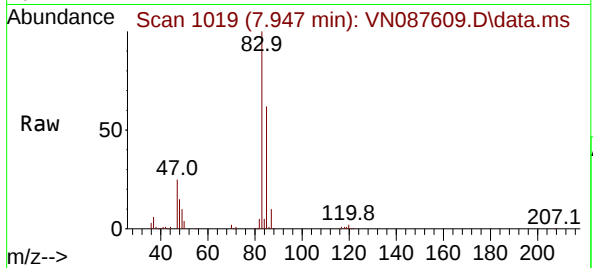
Tgt Ion: 73 Resp: 231270
Ion Ratio Lower Upper
73 100
43 12.5 19.9 29.9#





#25
Chloroform
Concen: 31.702 ug/l
RT: 7.947 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VN087609.D
Acq: 20 Aug 2025 11:57

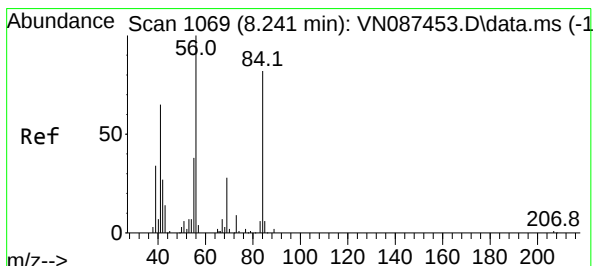
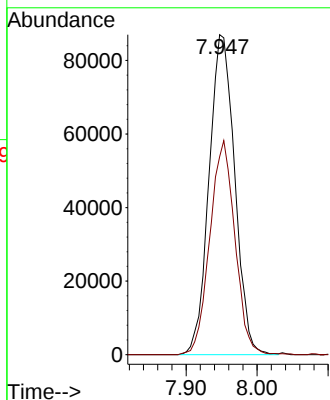
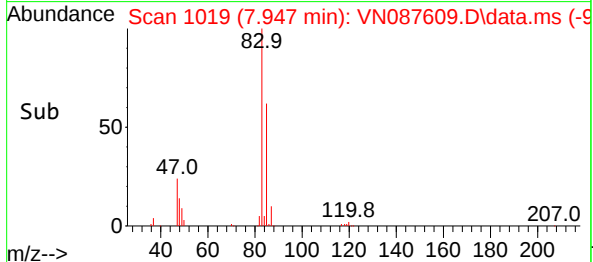
Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MS



Tgt Ion: 83 Resp: 218600
Ion Ratio Lower Upper
83 100
85 61.9 52.6 78.8

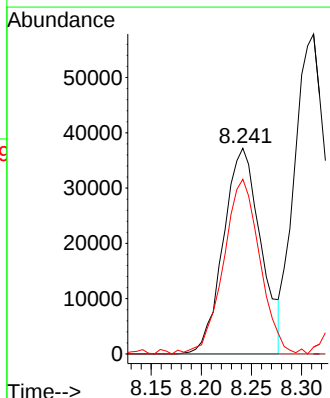
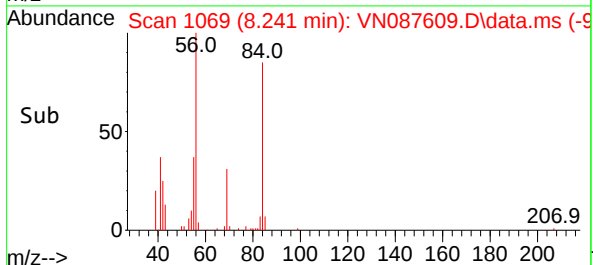
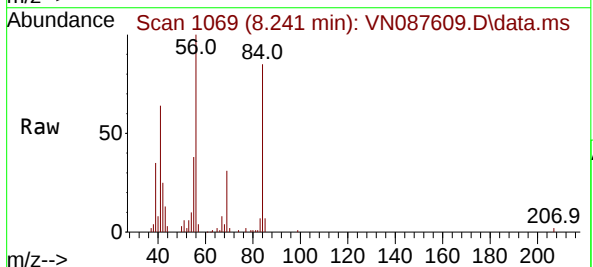
Manual Integrations
APPROVED

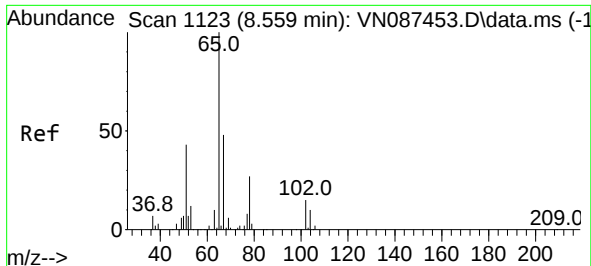
Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/25/2025



#26
Cyclohexane
Concen: 18.248 ug/l
RT: 8.241 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VN087609.D
Acq: 20 Aug 2025 11:57

Tgt Ion: 56 Resp: 96517
Ion Ratio Lower Upper
56 100
89 0.0 2.3 3.5#
84 81.9 67.0 100.4





#27

1,2-Dichloroethane-d4

Concen: 30.063 ug/l

RT: 8.565 min Scan# 1124

Delta R.T. 0.006 min

Lab File: VN087609.D

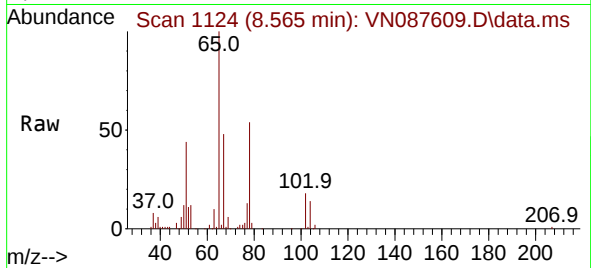
Acq: 20 Aug 2025 11:57

Instrument :

MSVOA_N

ClientSampleId :

OUTFALL-DSN-001MS



Tgt Ion: 65 Resp: 139348

Ion Ratio Lower Upper

65 100

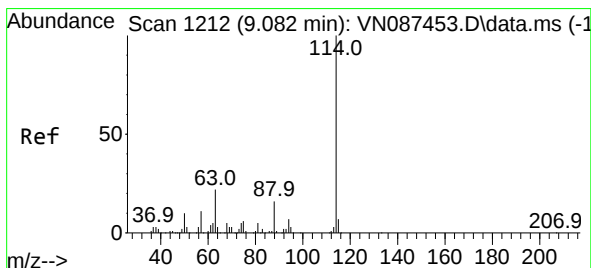
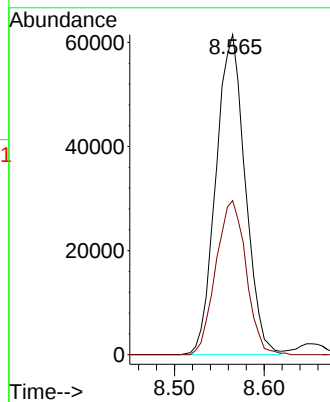
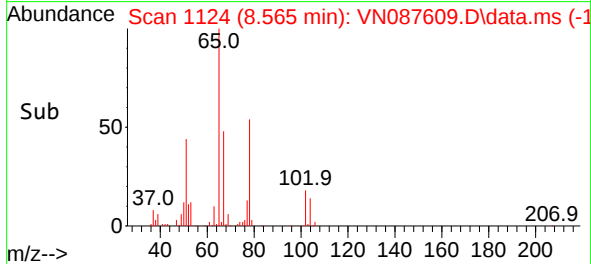
67 49.6 40.8 61.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/21/2025

Supervised By :Mahesh Dadoda 08/25/2025



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.088 min Scan# 1213

Delta R.T. 0.006 min

Lab File: VN087609.D

Acq: 20 Aug 2025 11:57

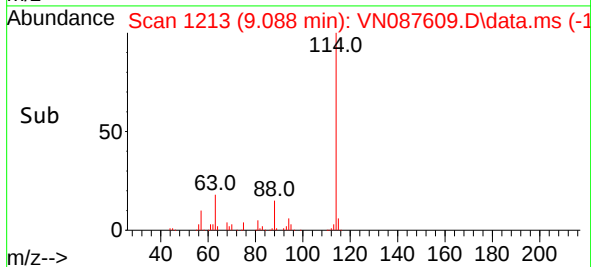
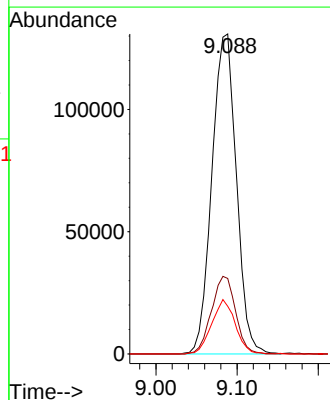
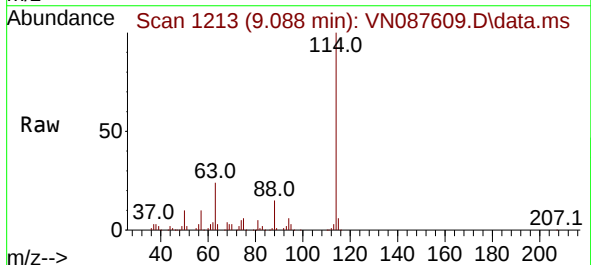
Tgt Ion:114 Resp: 274038

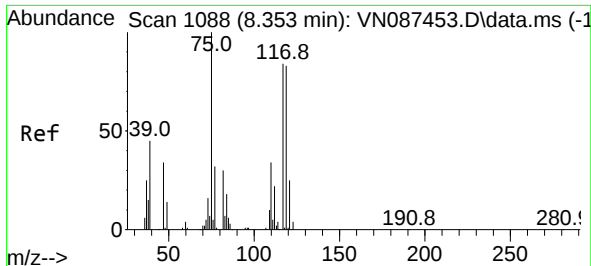
Ion Ratio Lower Upper

114 100

63 24.0 18.9 28.3

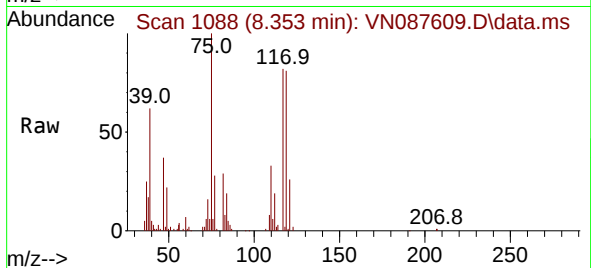
88 16.3 13.1 19.7





#29
1,1-Dichloropropene
Concen: 18.517 ug/l
RT: 8.353 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VN087609.D
Acq: 20 Aug 2025 11:57

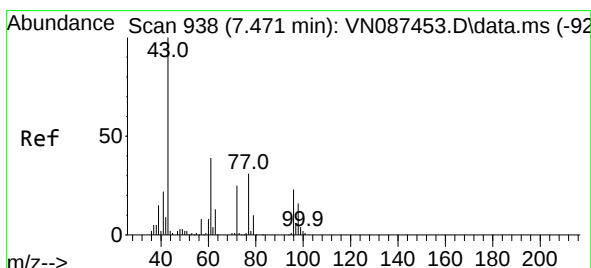
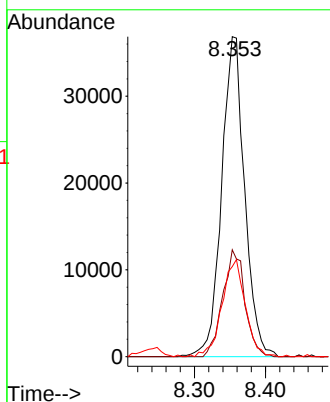
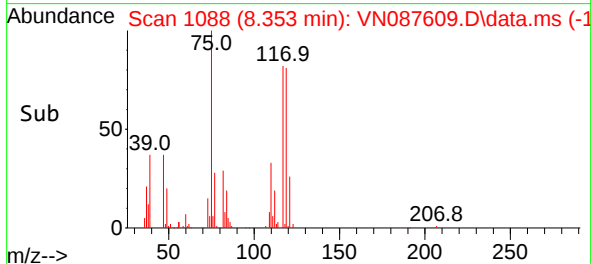
Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MS



Tgt Ion: 75 Resp: 8276
Ion Ratio Lower Upper
75 100
110 32.2 0.0 65.8
77 30.7 0.0 63.6

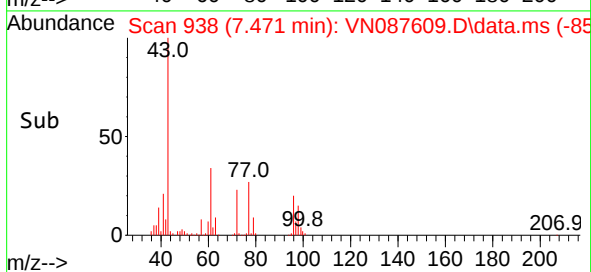
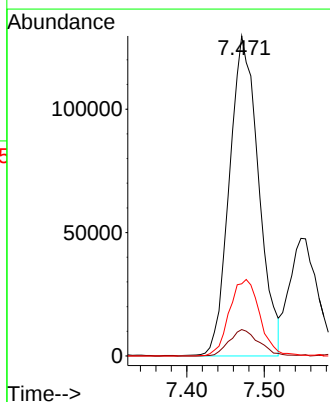
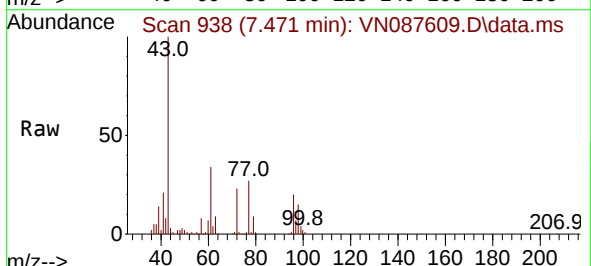
Manual Integrations
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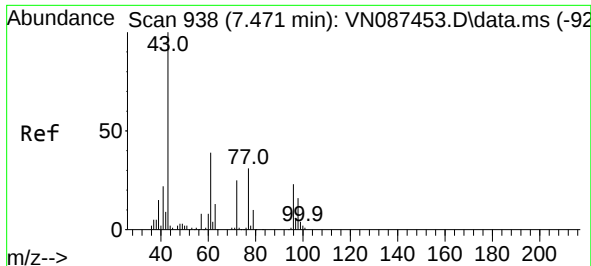
Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/25/2025



#30
2-Butanone
Concen: 103.384 ug/l
RT: 7.471 min Scan# 938
Delta R.T. 0.000 min
Lab File: VN087609.D
Acq: 20 Aug 2025 11:57

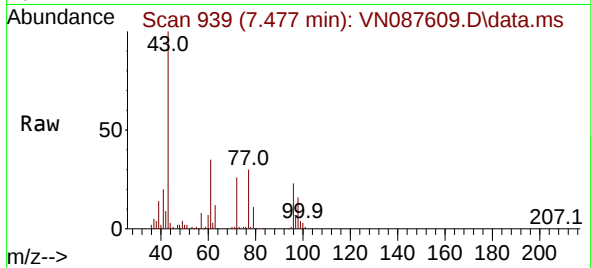
Tgt Ion: 43 Resp: 340608
Ion Ratio Lower Upper
43 100
57 8.4 6.6 9.8
72 24.8 19.7 29.5





#31
2,2-Dichloropropane
Concen: 18.688 ug/l
RT: 7.477 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN087609.D
Acq: 20 Aug 2025 11:57

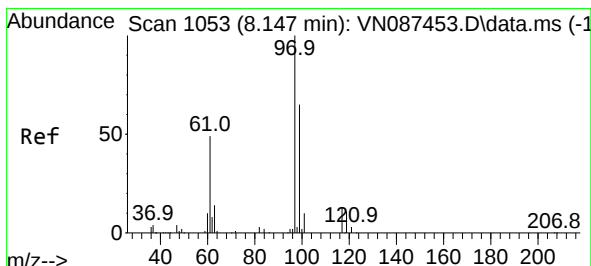
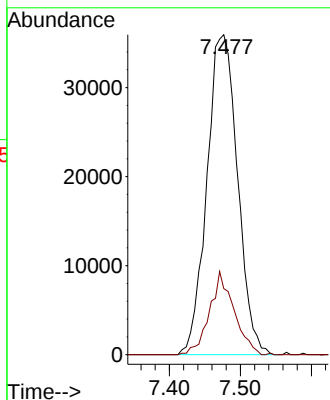
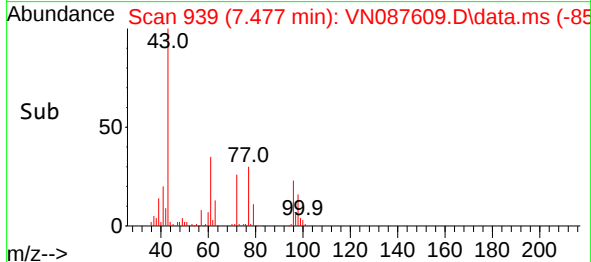
Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MS



Tgt Ion: 77 Resp: 107729
Ion Ratio Lower Upper
77 100
97 20.8 16.7 25.1

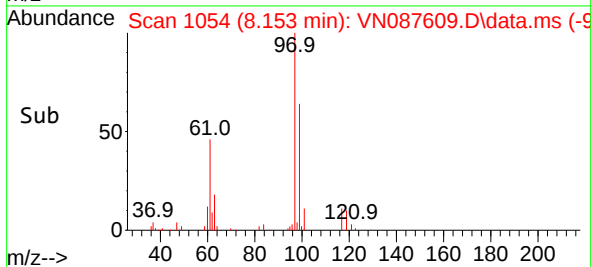
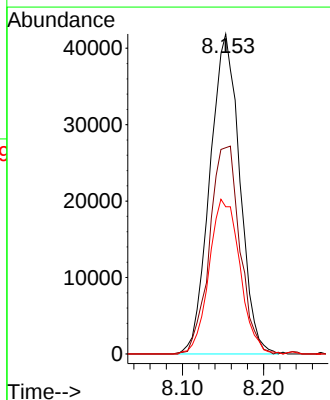
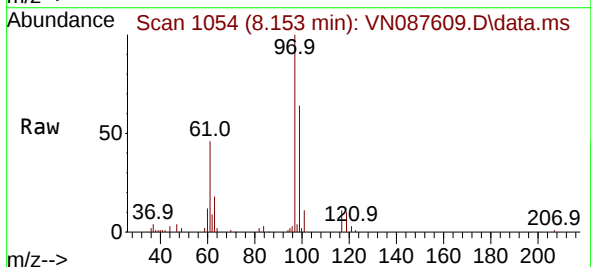
Manual Integrations
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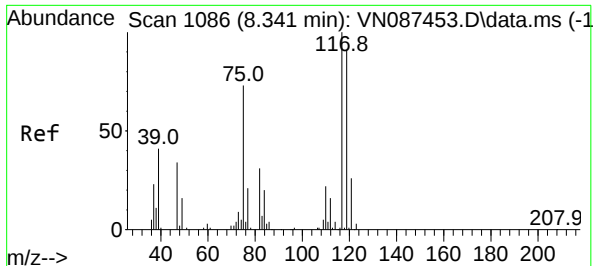
Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/25/2025



#32
1,1,1-Trichloroethane
Concen: 18.758 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VN087609.D
Acq: 20 Aug 2025 11:57

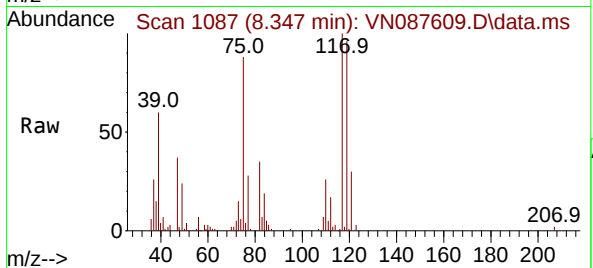
Tgt Ion: 97 Resp: 106930
Ion Ratio Lower Upper
97 100
99 65.9 53.0 79.6
61 50.1 40.6 61.0





#33
Carbon Tetrachloride
Concen: 18.837 ug/l
RT: 8.347 min Scan# 1086
Delta R.T. 0.006 min
Lab File: VN087609.D
Acq: 20 Aug 2025 11:57

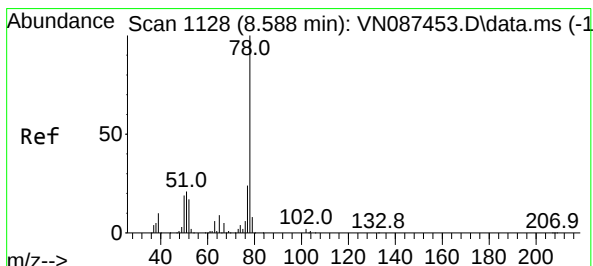
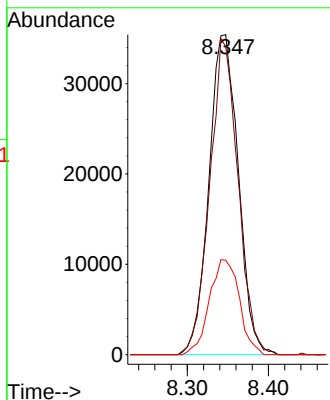
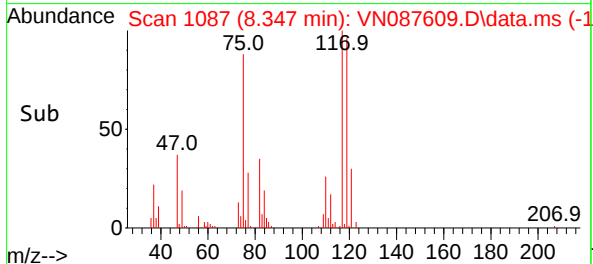
Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MS



Tgt Ion: 117 Resp: 8920
Ion Ratio Lower Upper
117 100
119 96.3 73.4 110.0
121 29.5 21.1 31.7

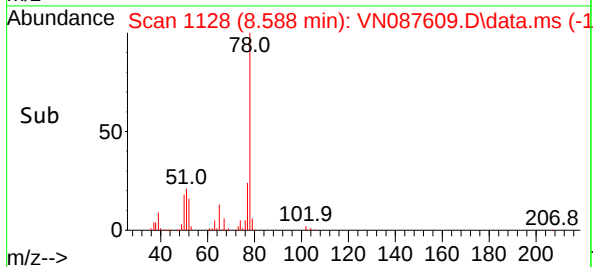
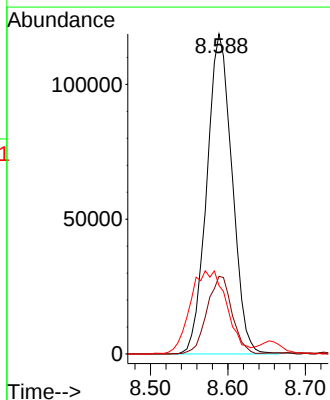
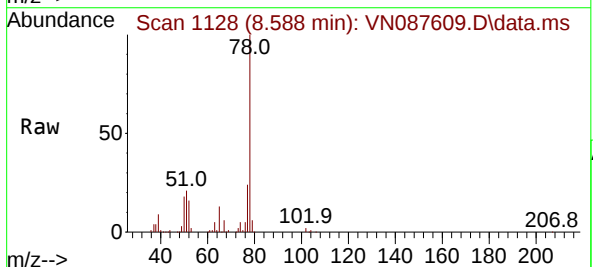
Manual Integrations
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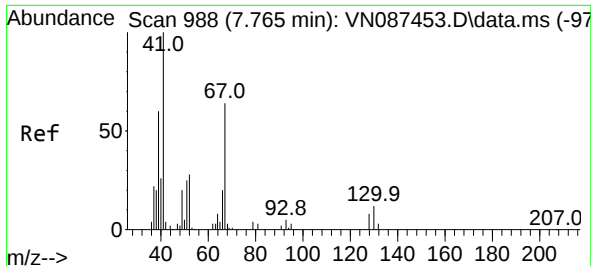
Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/25/2025



#34
Benzene
Concen: 19.052 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VN087609.D
Acq: 20 Aug 2025 11:57

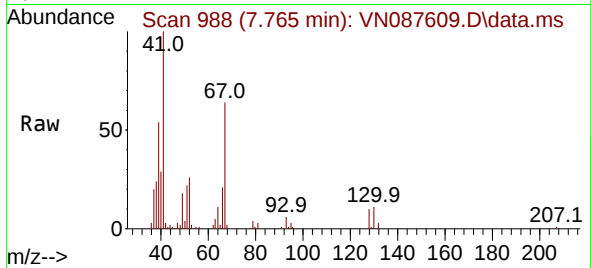
Tgt Ion: 78 Resp: 268810
Ion Ratio Lower Upper
78 100
77 24.1 19.2 28.8
51 18.3 16.9 25.3





#35
Methacrylonitrile
Concen: 19.230 ug/l
RT: 7.765 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN087609.D
Acq: 20 Aug 2025 11:57

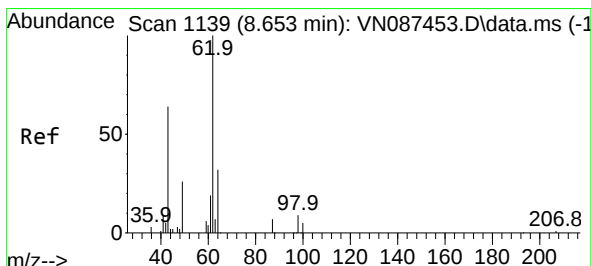
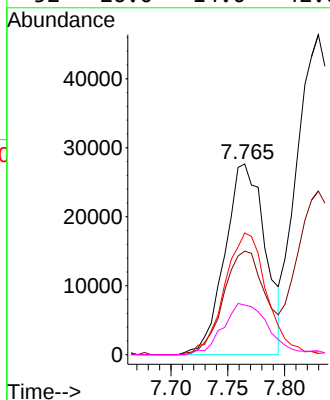
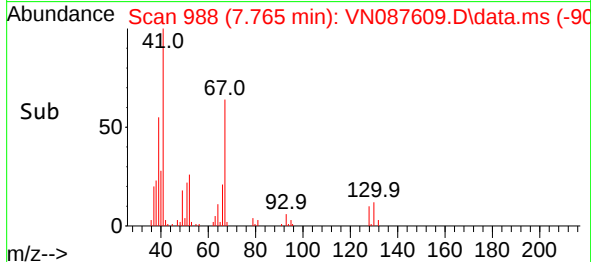
Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MS



Tgt Ion:	41	Resp:	68369
Ion Ratio	Lower	Upper	
41	100		
39	54.2	30.1	90.5
67	63.9	32.0	96.2
52	26.0	14.0	42.0

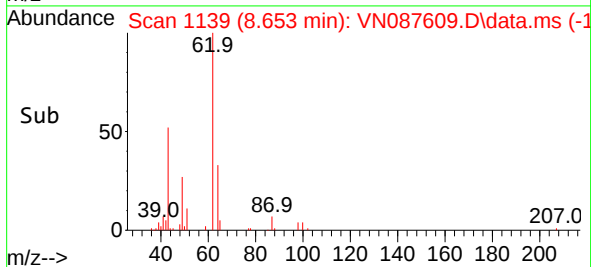
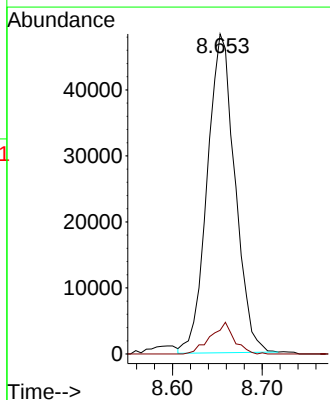
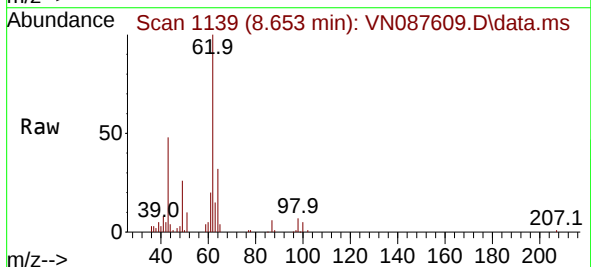
Manual Integrations
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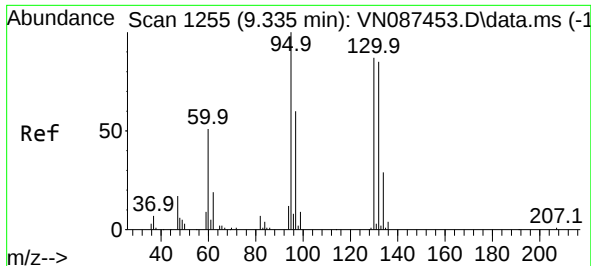
Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/25/2025



#36
1,2-Dichloroethane
Concen: 18.186 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. 0.000 min
Lab File: VN087609.D
Acq: 20 Aug 2025 11:57

Tgt Ion:	62	Resp:	103708
Ion Ratio	Lower	Upper	
62	100		
98	8.4	6.6	9.8





#37

Trichloroethene

Concen: 19.118 ug/l

RT: 9.341 min Scan# 1256

Delta R.T. 0.006 min

Lab File: VN087609.D

Acq: 20 Aug 2025 11:57

Instrument :

MSVOA_N

ClientSampleId :

OUTFALL-DSN-001MS

Tgt Ion:130 Resp: 59418

Ion Ratio Lower Upper

130 100

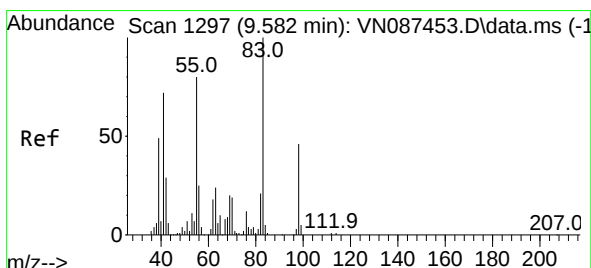
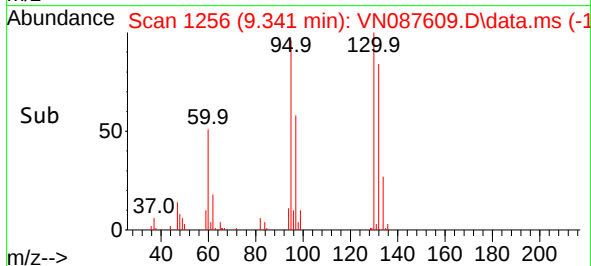
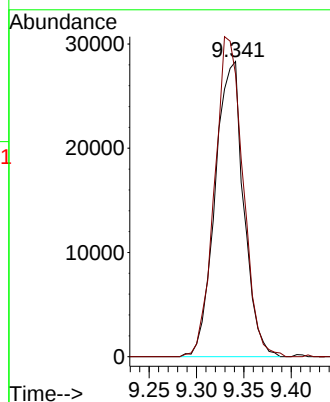
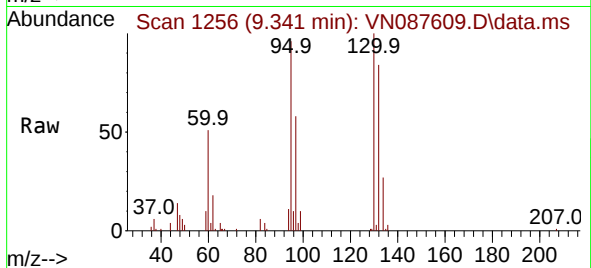
95 95.7 91.4 137.2

Manual Integrations

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Reviewed By :John Carlone 08/21/2025

Supervised By :Mahesh Dadoda 08/25/2025



#38

Methylcyclohexane

Concen: 17.862 ug/l

RT: 9.582 min Scan# 1297

Delta R.T. 0.000 min

Lab File: VN087609.D

Acq: 20 Aug 2025 11:57

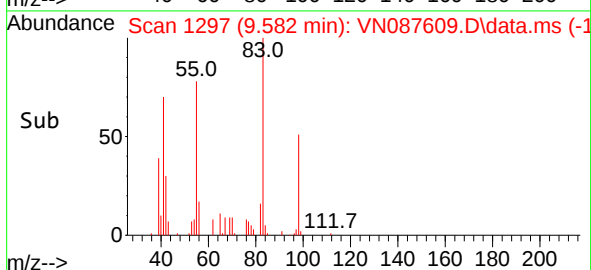
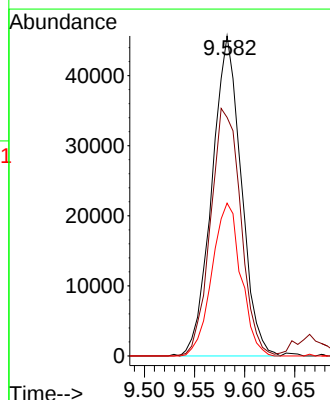
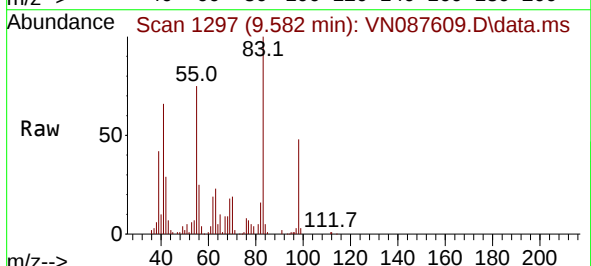
Tgt Ion: 83 Resp: 92618

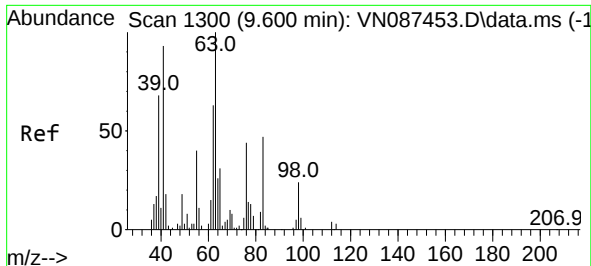
Ion Ratio Lower Upper

83 100

55 79.9 41.2 123.6

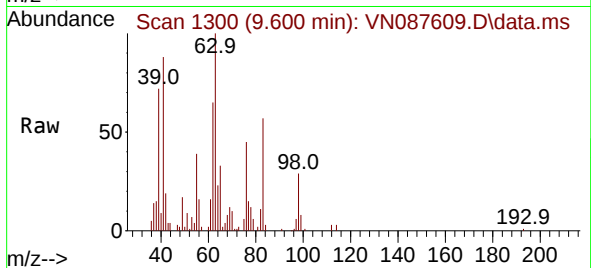
98 47.4 23.3 69.9





#39
1,2-Dichloropropane
Concen: 19.347 ug/l
RT: 9.600 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087609.D
Acq: 20 Aug 2025 11:57

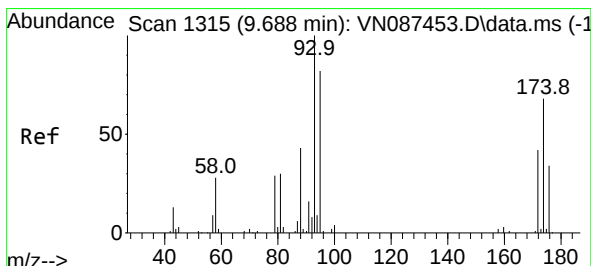
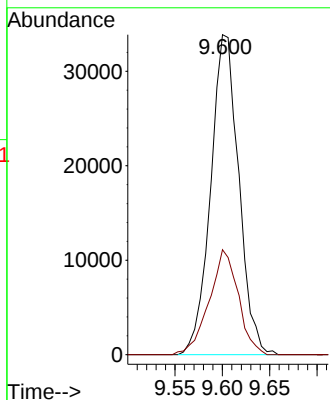
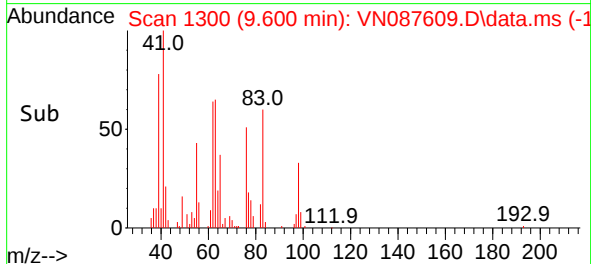
Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MS



Tgt Ion: 63 Resp: 6998
Ion Ratio Lower Upper
63 100
65 32.8 24.6 36.8

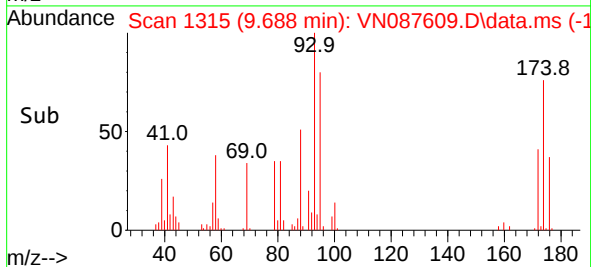
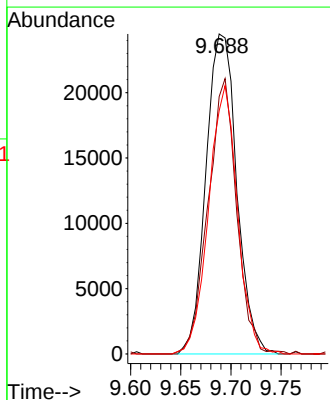
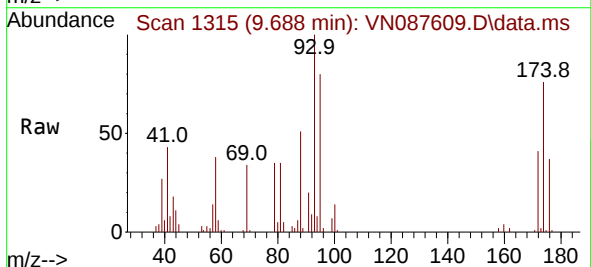
Manual Integrations
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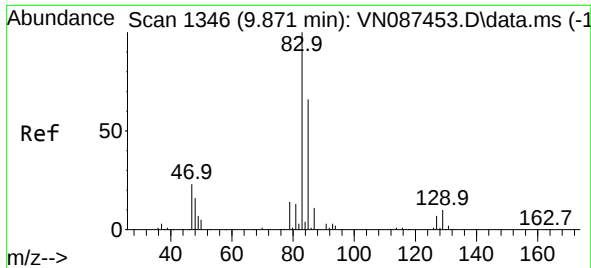
Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/25/2025



#40
Dibromomethane
Concen: 19.322 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN087609.D
Acq: 20 Aug 2025 11:57

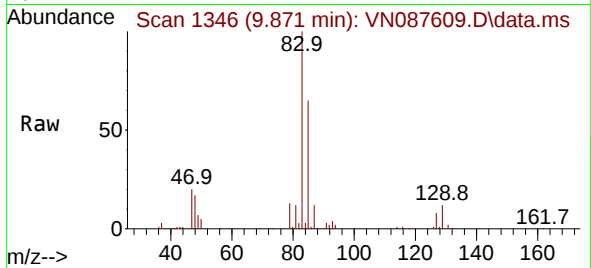
Tgt Ion: 93 Resp: 52444
Ion Ratio Lower Upper
93 100
95 79.3 0.0 161.6
174 78.5 0.0 151.4





#41
Bromodichloromethane
Concen: 21.848 ug/l
RT: 9.871 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087609.D
Acq: 20 Aug 2025 11:57

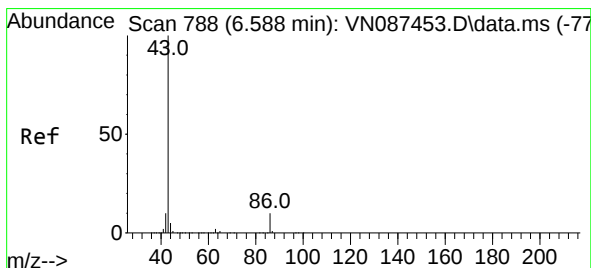
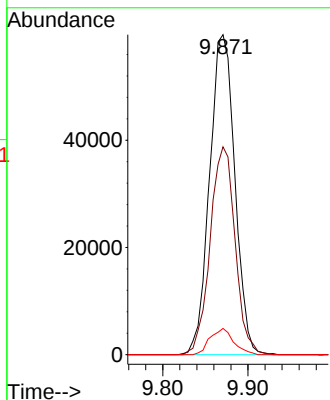
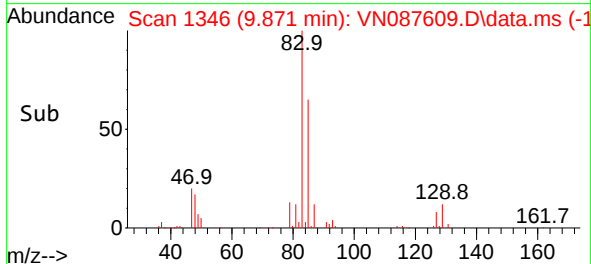
Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MS



Tgt Ion: 83 Resp: 123218
Ion Ratio Lower Upper
83 100
85 65.0 52.9 79.3
127 8.2 5.8 8.6

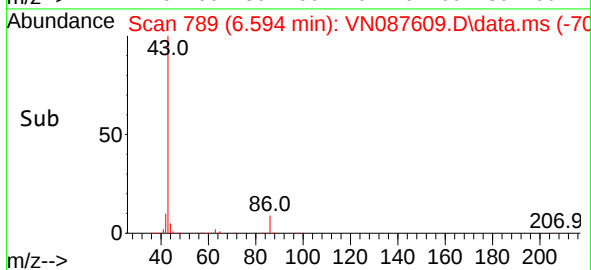
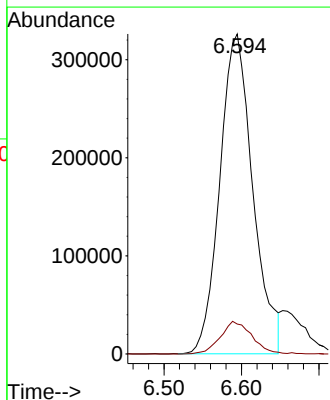
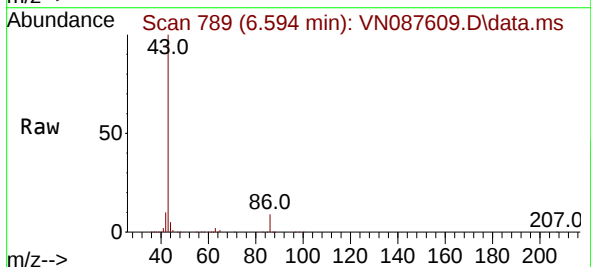
Manual Integrations
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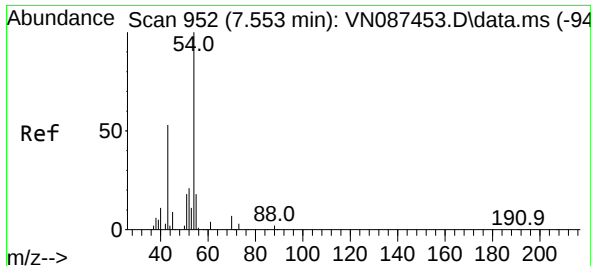
Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/25/2025



#42
Vinyl Acetate
Concen: 89.271 ug/l
RT: 6.594 min Scan# 789
Delta R.T. 0.006 min
Lab File: VN087609.D
Acq: 20 Aug 2025 11:57

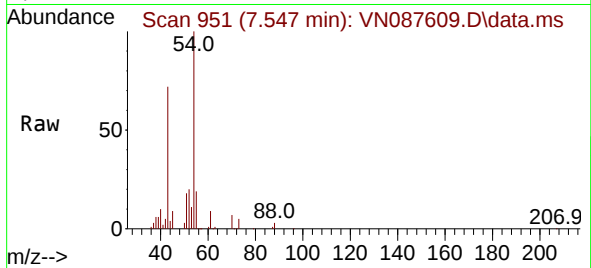
Tgt Ion: 43 Resp: 968565
Ion Ratio Lower Upper
43 100
86 9.7 7.3 10.9





#43
Ethyl Acetate
Concen: 19.439 ug/l
RT: 7.547 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN087609.D
Acq: 20 Aug 2025 11:57

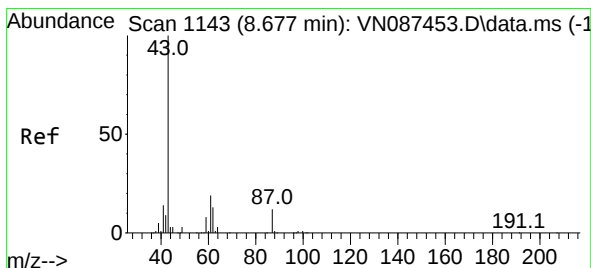
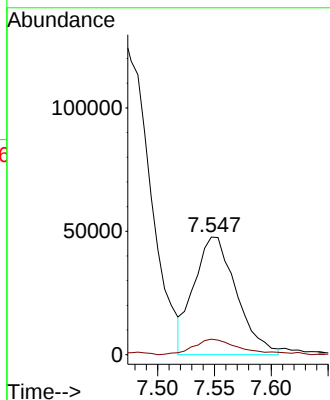
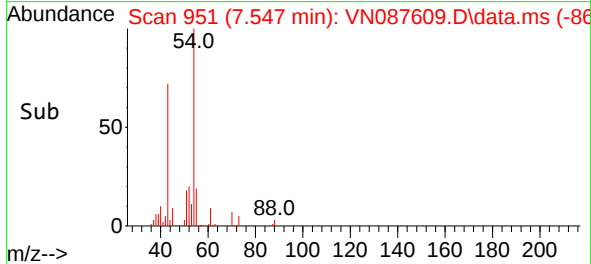
Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MS



Tgt Ion: 43 Resp: 12372
Ion Ratio Lower Upper
43 100
45 13.2 11.1 16.7

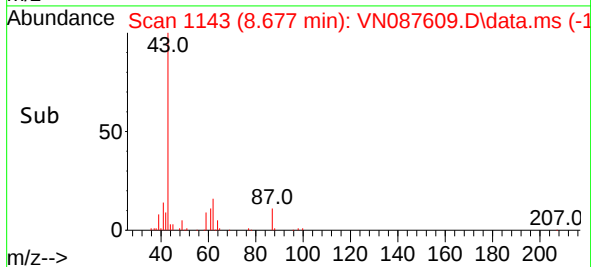
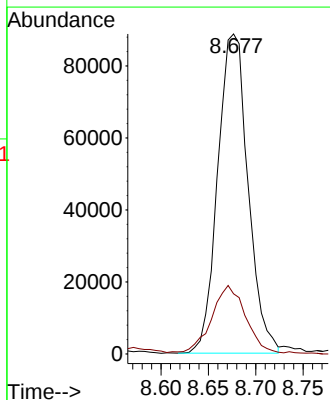
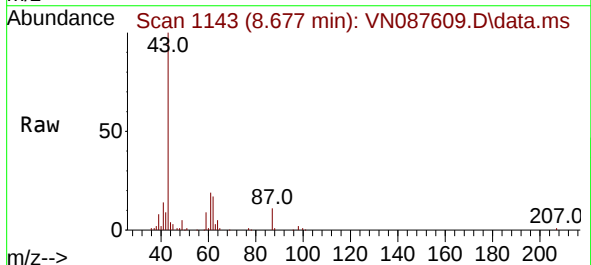
Manual Integrations
APPROVED

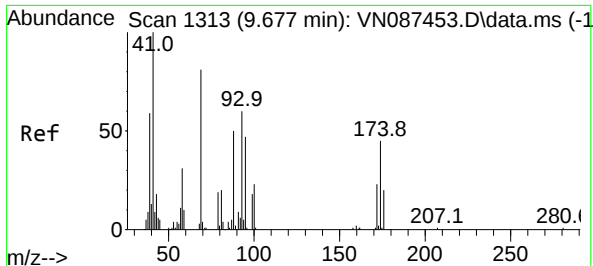
Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/25/2025



#44
Isopropyl Acetate
Concen: 18.328 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VN087609.D
Acq: 20 Aug 2025 11:57

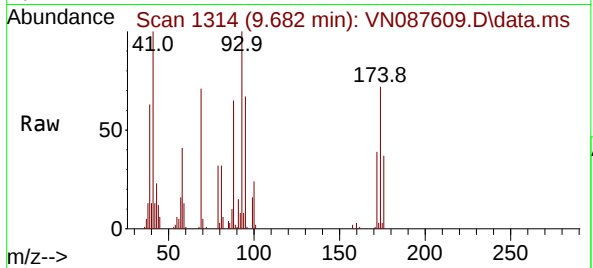
Tgt Ion: 43 Resp: 197742
Ion Ratio Lower Upper
43 100
61 24.3 18.6 28.0





#45
1,4-Dioxane
Concen: 450.018 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.006 min
Lab File: VN087609.D
Acq: 20 Aug 2025 11:57

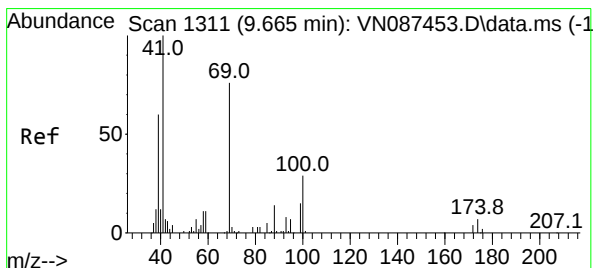
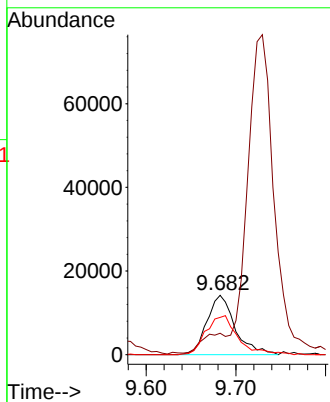
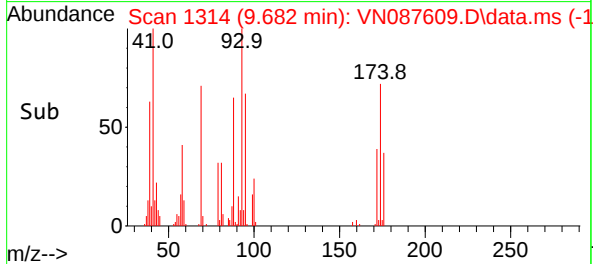
Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MS



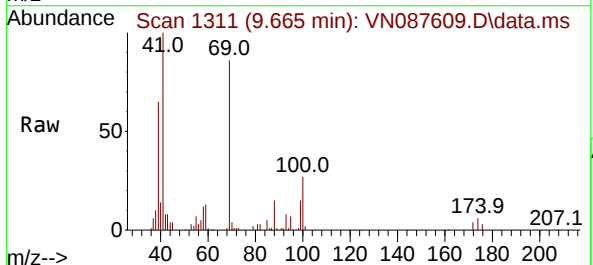
Tgt Ion: 88 Resp: 30952
Ion Ratio Lower Upper
88 100
43 28.1 24.1 36.1
58 68.7 57.2 85.8

Manual Integrations
APPROVED

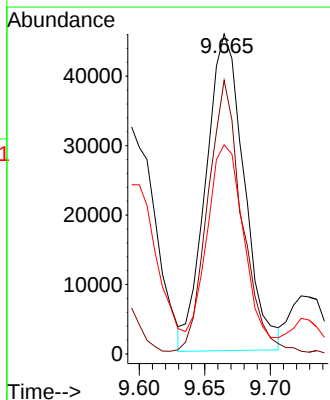
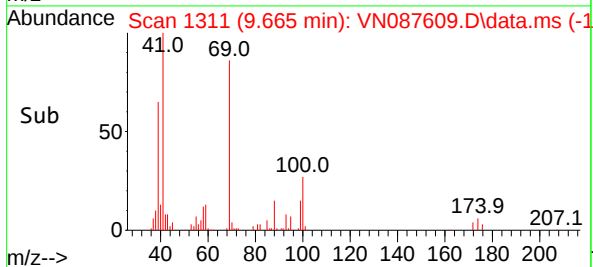
Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/25/2025

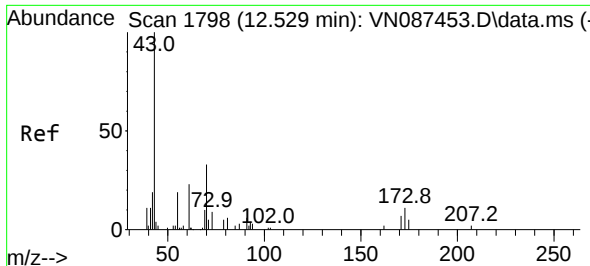


#46
Methyl methacrylate
Concen: 18.166 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. 0.000 min
Lab File: VN087609.D
Acq: 20 Aug 2025 11:57



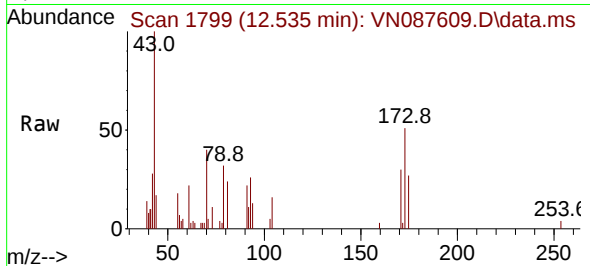
Tgt Ion: 41 Resp: 92516
Ion Ratio Lower Upper
41 100
69 91.7 37.1 111.5
39 65.7 30.7 92.1





#47
n-amy1 Acetate
Concen: 19.215 ug/l m
RT: 12.535 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN087609.D
Acq: 20 Aug 2025 11:57

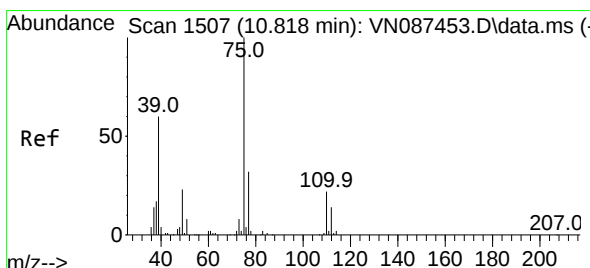
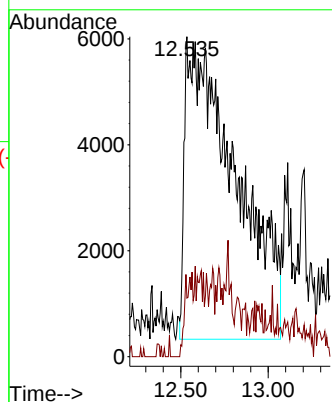
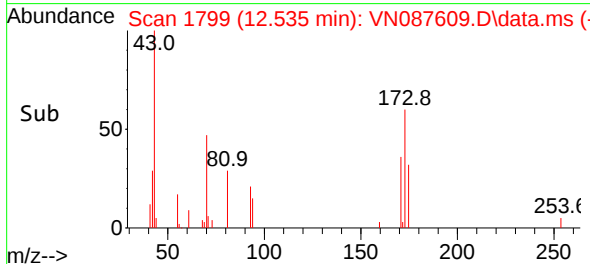
Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MS



Tgt Ion: 43 Resp: 11452
Ion Ratio Lower Upper
43 100
55 1.6 4.6 6.8

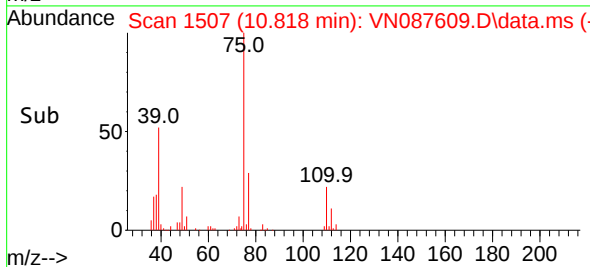
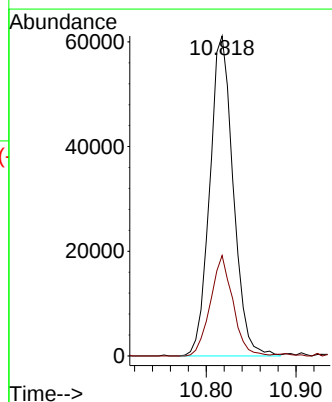
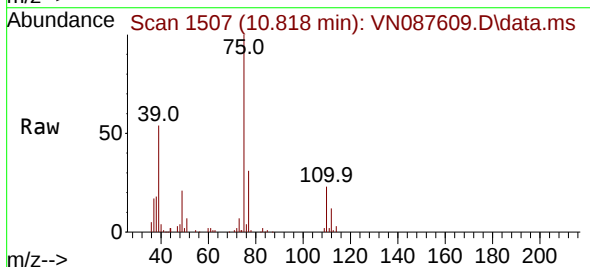
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/25/2025



#48
t-1,3-Dichloropropene
Concen: 18.112 ug/l
RT: 10.818 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VN087609.D
Acq: 20 Aug 2025 11:57

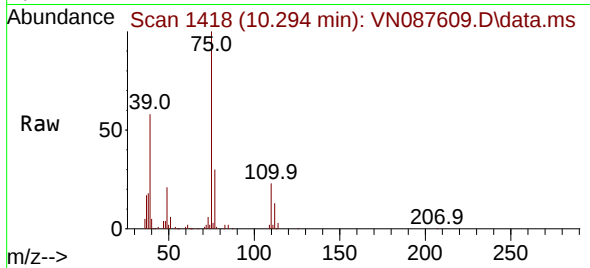
Tgt Ion: 75 Resp: 111130
Ion Ratio Lower Upper
75 100
77 31.4 25.3 37.9





#49
 cis-1,3-Dichloropropene
 Concen: 18.037 ug/l
 RT: 10.294 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VN087609.D
 Acq: 20 Aug 2025 11:57

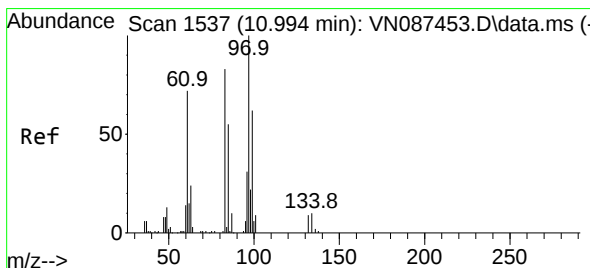
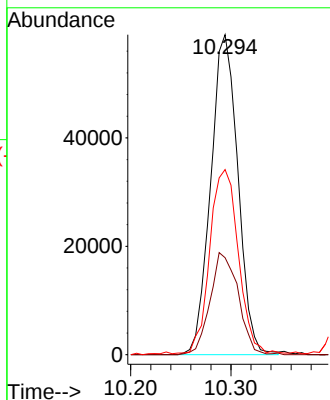
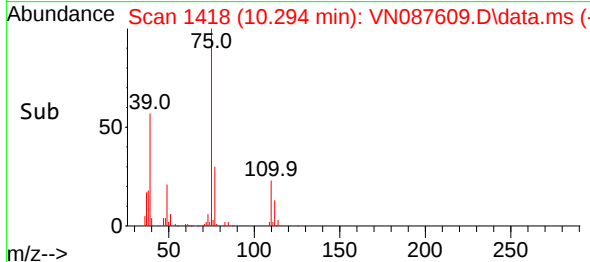
Instrument :
 MSVOA_N
 ClientSampleId :
 OUTFALL-DSN-001MS



Tgt Ion: 75 Resp: 111370
 Ion Ratio Lower Upper
 75 100
 77 30.3 24.6 36.8
 39 57.3 51.5 77.3

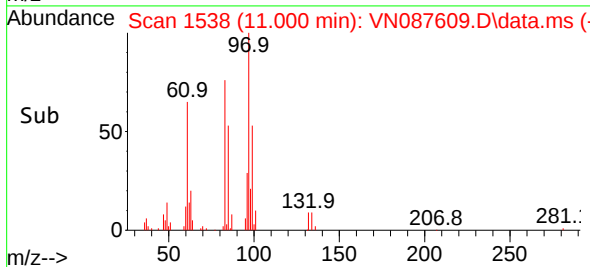
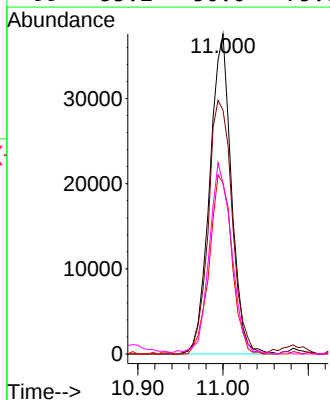
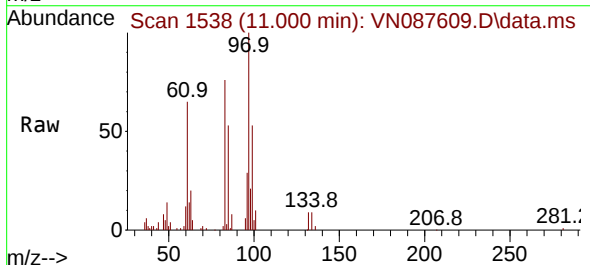
Manual Integrations
 APPROVED

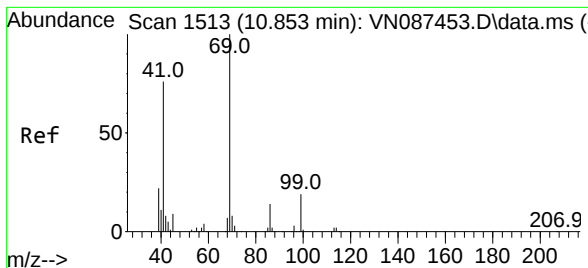
Reviewed By :John Carlone 08/21/2025
 Supervised By :Mahesh Dadoda 08/25/2025



#50
 1,1,2-Trichloroethane
 Concen: 19.369 ug/l
 RT: 11.000 min Scan# 1538
 Delta R.T. 0.006 min
 Lab File: VN087609.D
 Acq: 20 Aug 2025 11:57

Tgt Ion: 97 Resp: 66421
 Ion Ratio Lower Upper
 97 100
 83 76.2 66.2 99.2
 85 53.4 43.9 65.9
 99 53.2 50.0 75.0





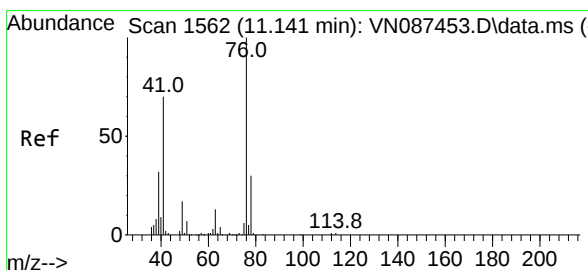
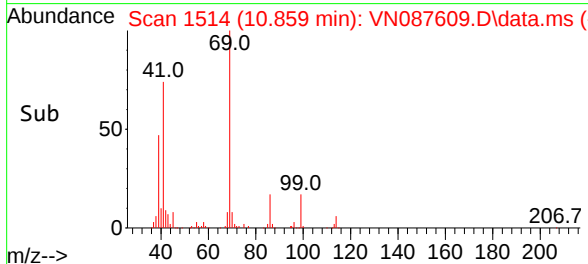
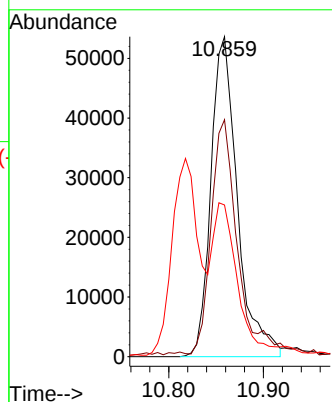
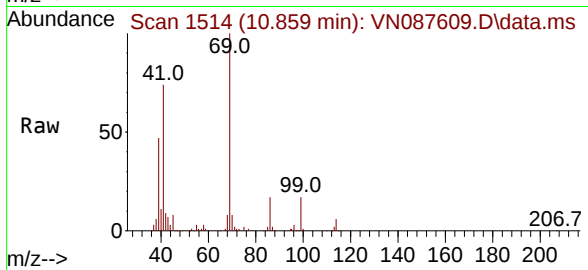
#51
Ethyl methacrylate
Concen: 17.270 ug/l
RT: 10.859 min Scan# 1513
Delta R.T. 0.006 min
Lab File: VN087609.D
Acq: 20 Aug 2025 11:57

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MS

Tgt Ion: 69 Resp: 104302
Ion Ratio Lower Upper
69 100
41 72.3 38.0 114.1
39 44.3 23.2 69.5

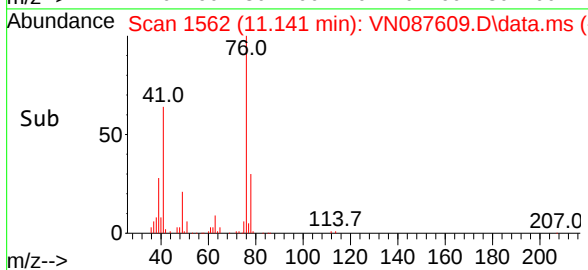
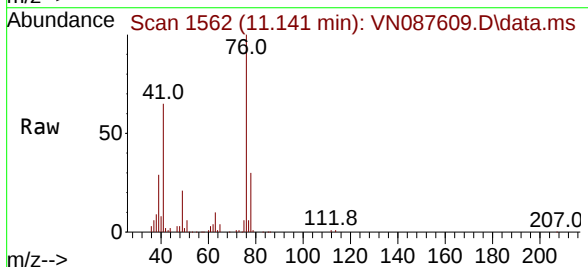
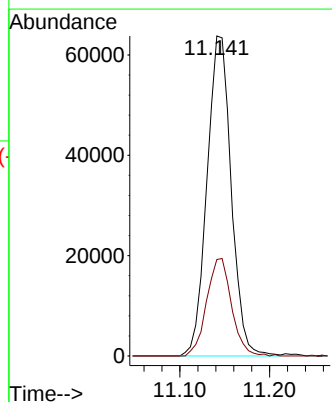
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/25/2025



#52
1,3-Dichloropropane
Concen: 19.376 ug/l
RT: 11.141 min Scan# 1562
Delta R.T. 0.000 min
Lab File: VN087609.D
Acq: 20 Aug 2025 11:57

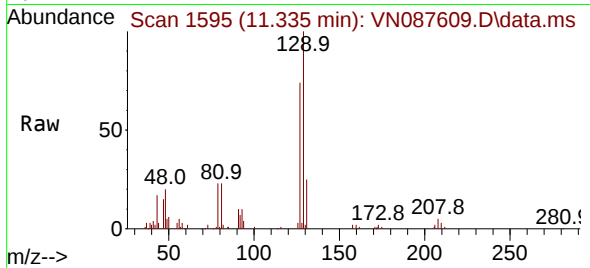
Tgt Ion: 76 Resp: 119707
Ion Ratio Lower Upper
76 100
78 31.2 0.0 63.0





#53
Dibromochloromethane
Concen: 19.957 ug/l
RT: 11.335 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN087609.D
Acq: 20 Aug 2025 11:57

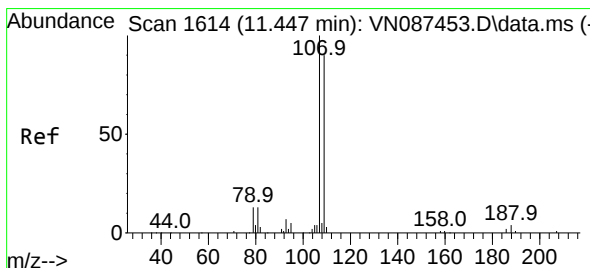
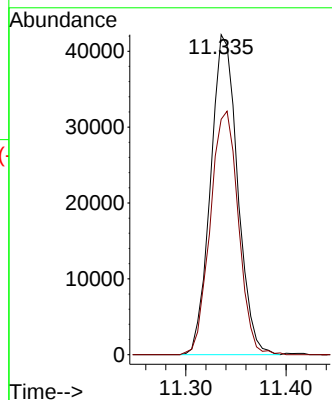
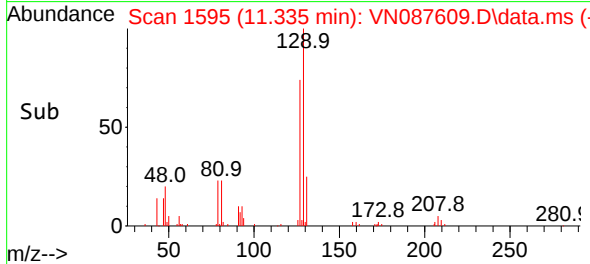
Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MS



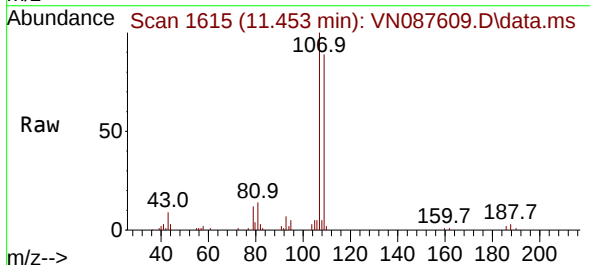
Tgt Ion:129 Resp: 79034
Ion Ratio Lower Upper
129 100
127 78.9 39.1 117.3

Manual Integrations
APPROVED

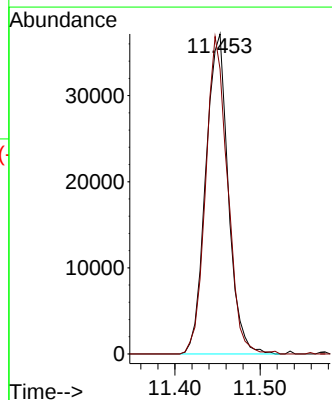
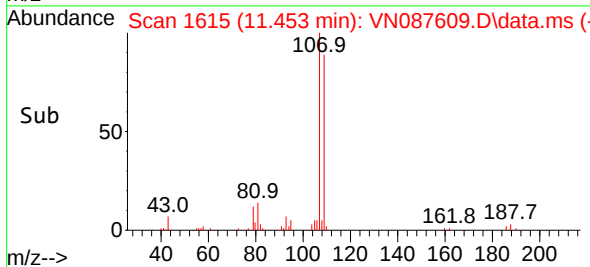
Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/25/2025

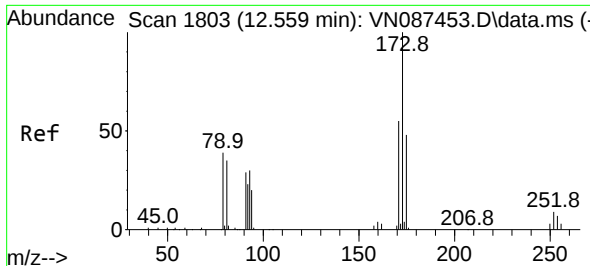


#54
1,2-Dibromoethane
Concen: 18.775 ug/l
RT: 11.453 min Scan# 1615
Delta R.T. 0.006 min
Lab File: VN087609.D
Acq: 20 Aug 2025 11:57



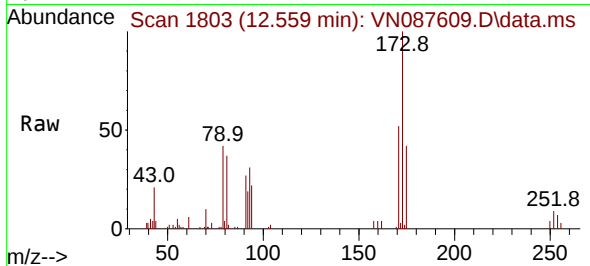
Tgt Ion:107 Resp: 68348
Ion Ratio Lower Upper
107 100
109 96.1 74.2 111.4





#56
Bromoform
Concen: 18.768 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VN087609.D
Acq: 20 Aug 2025 11:57

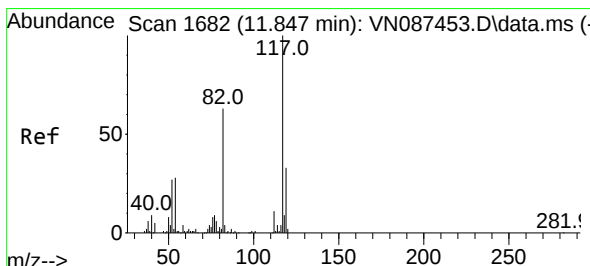
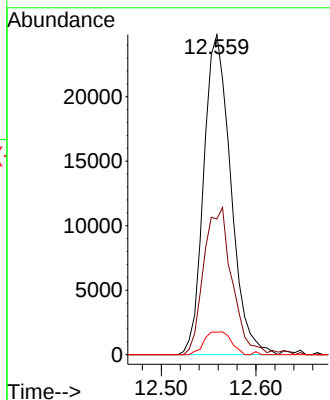
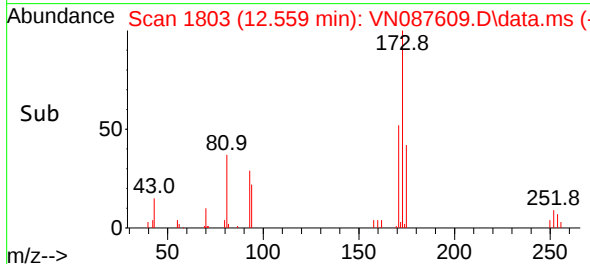
Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MS



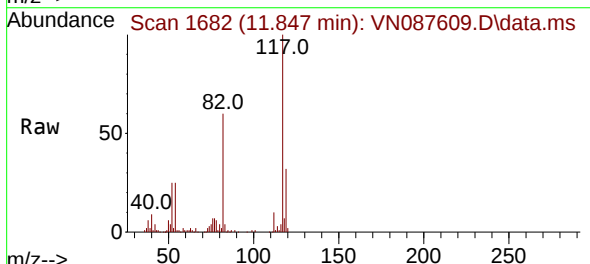
Tgt Ion:173 Resp: 4916
Ion Ratio Lower Upper
173 100
175 48.0 38.8 58.2
254 7.1 3.9 5.9

Manual Integrations
APPROVED

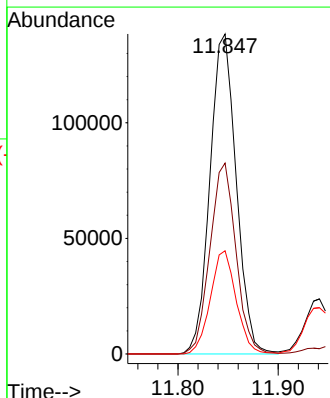
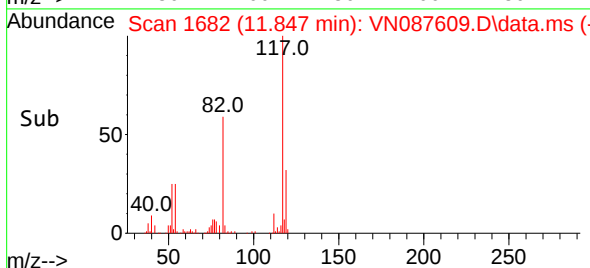
Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/25/2025

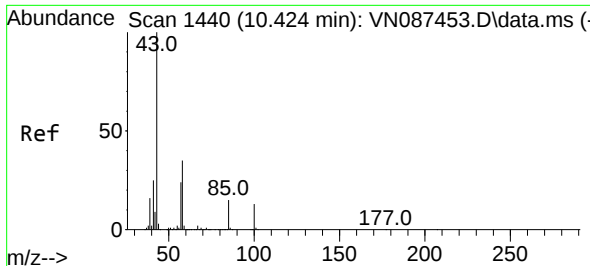


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.847 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN087609.D
Acq: 20 Aug 2025 11:57



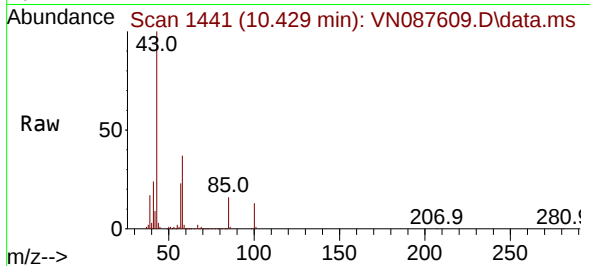
Tgt Ion:117 Resp: 252169
Ion Ratio Lower Upper
117 100
82 59.1 49.2 73.8
119 31.6 25.7 38.5





#58
4-Methyl-2-Pentanone
Concen: 97.852 ug/l
RT: 10.429 min Scan# 1441
Delta R.T. 0.006 min
Lab File: VN087609.D
Acq: 20 Aug 2025 11:57

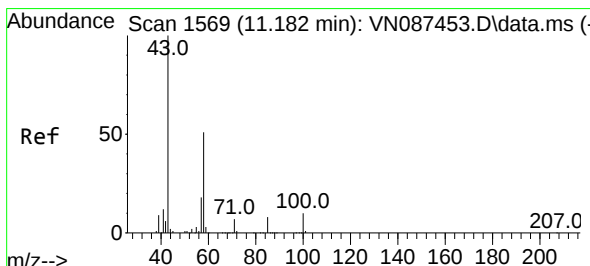
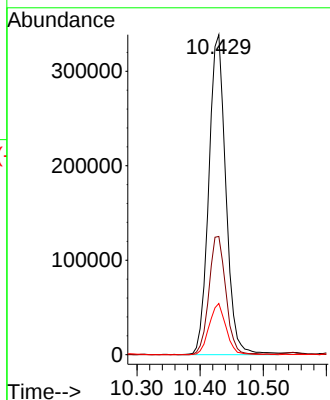
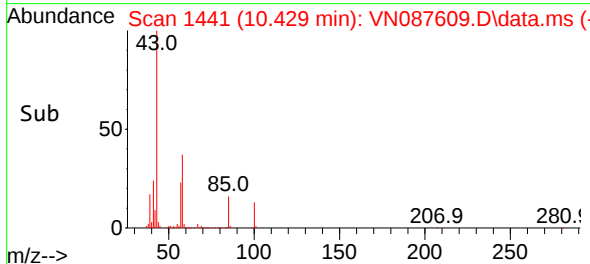
Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MS



Tgt Ion: 43 Resp: 63476
Ion Ratio Lower Upper
43 100
58 36.6 29.0 43.6
85 15.8 12.7 19.1

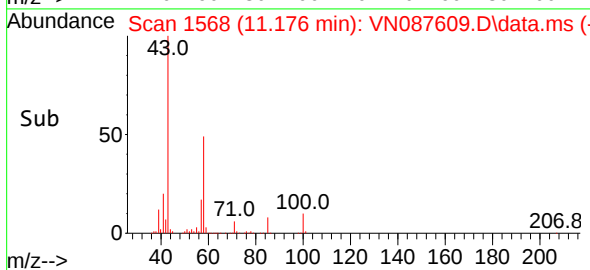
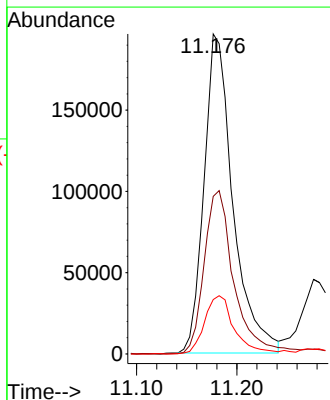
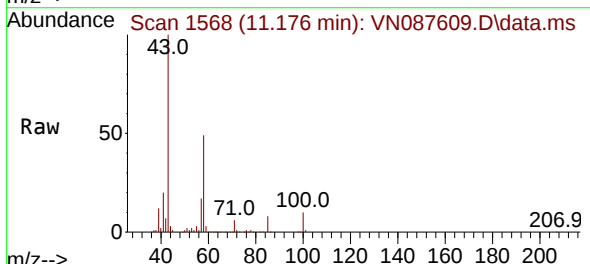
Manual Integrations
APPROVED

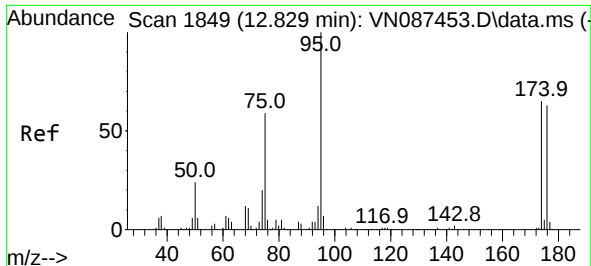
Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/25/2025



#59
2-Hexanone
Concen: 89.483 ug/l
RT: 11.176 min Scan# 1568
Delta R.T. -0.006 min
Lab File: VN087609.D
Acq: 20 Aug 2025 11:57

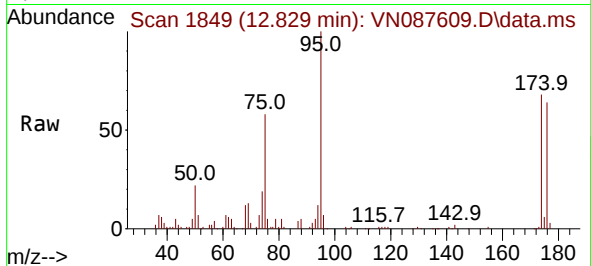
Tgt Ion: 43 Resp: 394402
Ion Ratio Lower Upper
43 100
58 53.0 41.0 61.6
57 18.6 14.6 21.8





#60
4-Bromofluorobenzene
Concen: 28.814 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN087609.D
Acq: 20 Aug 2025 11:57

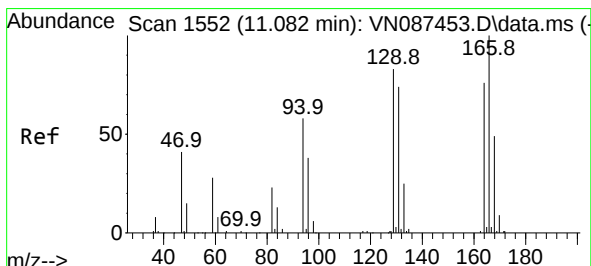
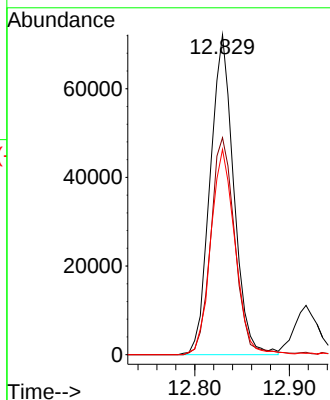
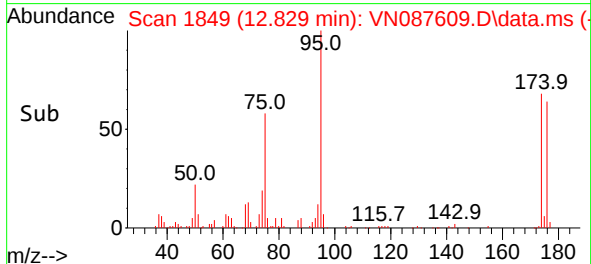
Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MS



Tgt Ion: 95 Resp: 125044
Ion Ratio Lower Upper
95 100
174 69.3 52.3 78.5
176 66.1 49.8 74.8

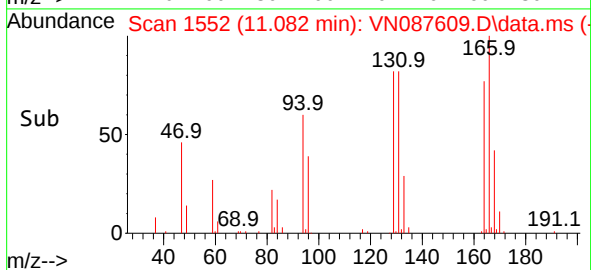
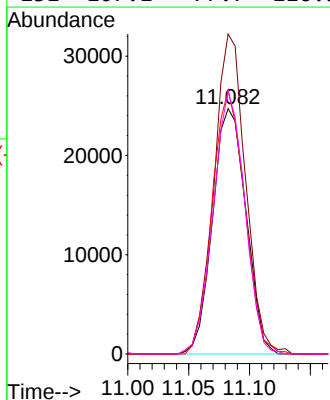
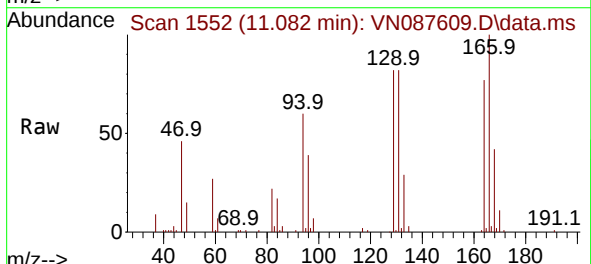
Manual Integrations
APPROVED

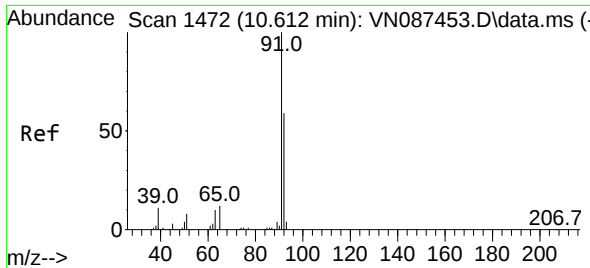
Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/25/2025



#61
Tetrachloroethene
Concen: 19.152 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. 0.000 min
Lab File: VN087609.D
Acq: 20 Aug 2025 11:57

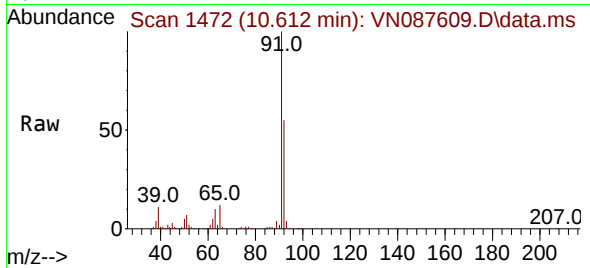
Tgt Ion:164 Resp: 47052
Ion Ratio Lower Upper
164 100
166 130.4 105.4 158.0
129 107.5 87.7 131.5
131 107.1 77.7 116.5





#62
Toluene
Concen: 18.520 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VN087609.D
Acq: 20 Aug 2025 11:57

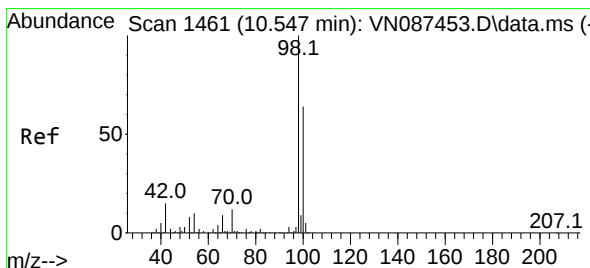
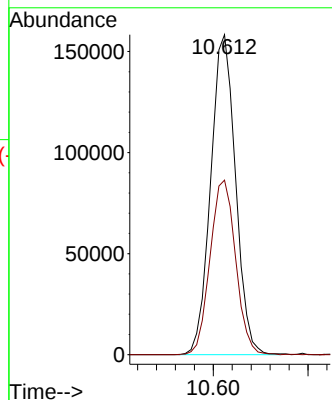
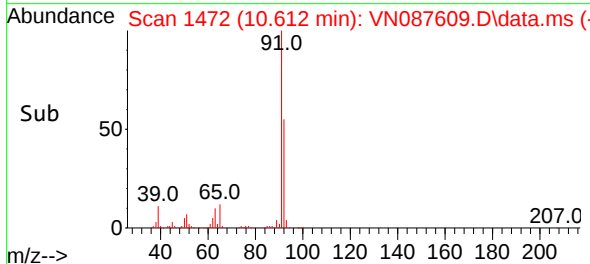
Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MS



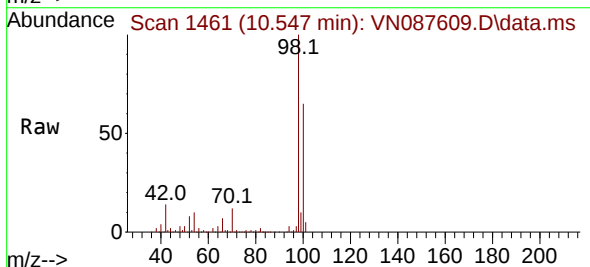
Tgt Ion: 91 Resp: 288250
Ion Ratio Lower Upper
91 100
92 56.1 45.8 68.6

Manual Integrations
APPROVED

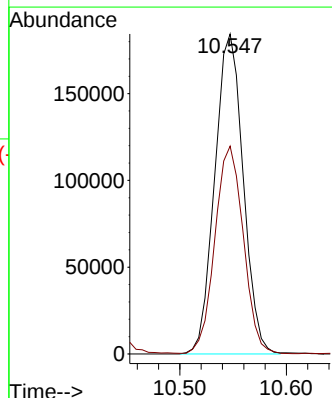
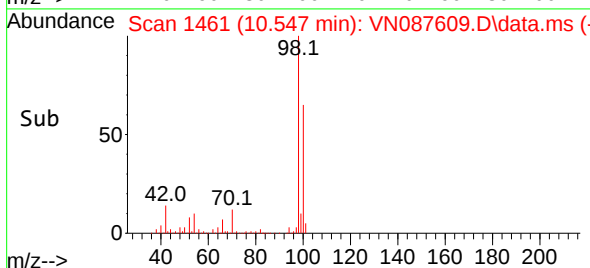
Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/25/2025

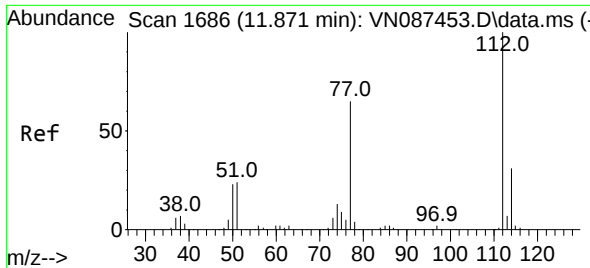


#63
Toluene-d8
Concen: 29.445 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VN087609.D
Acq: 20 Aug 2025 11:57



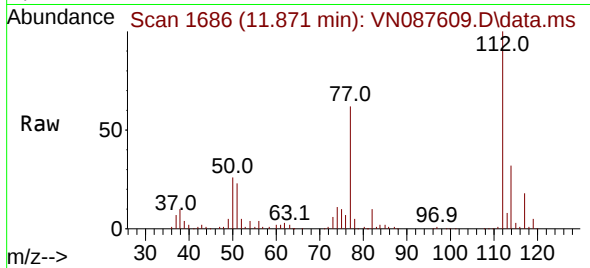
Tgt Ion: 98 Resp: 341651
Ion Ratio Lower Upper
98 100
100 65.1 50.5 75.7





#64
Chlorobenzene
Concen: 18.489 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN087609.D
Acq: 20 Aug 2025 11:57

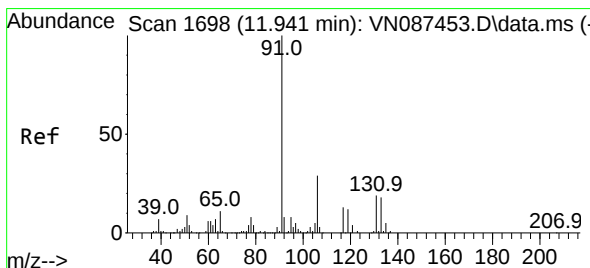
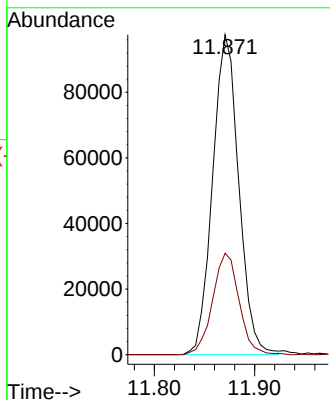
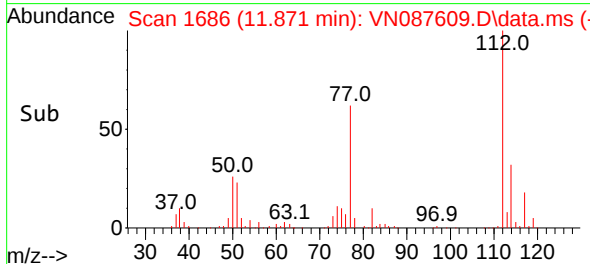
Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MS



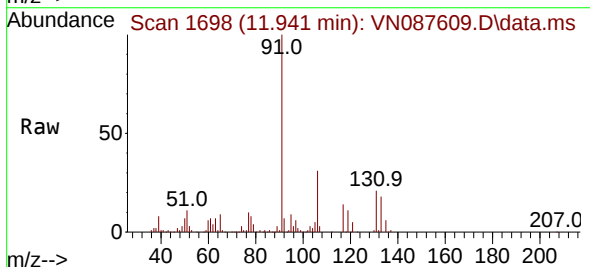
Tgt Ion:112 Resp: 176820
Ion Ratio Lower Upper
112 100
114 31.7 24.7 37.1

Manual Integrations
APPROVED

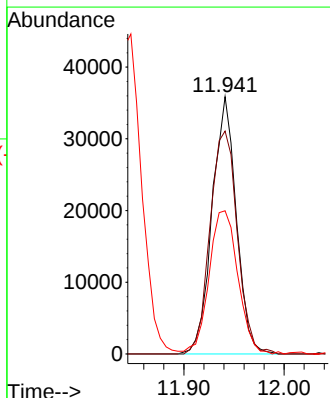
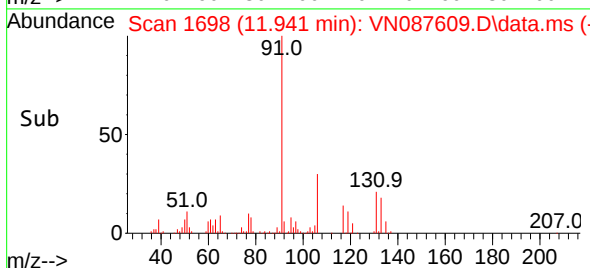
Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/25/2025

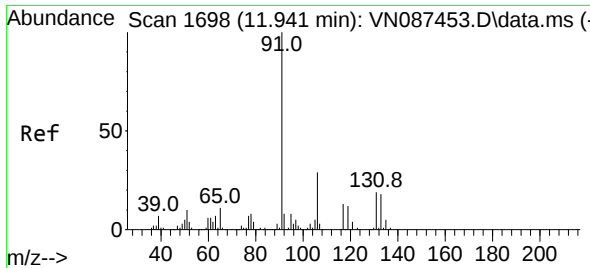


#65
1,1,1,2-Tetrachloroethane
Concen: 17.894 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN087609.D
Acq: 20 Aug 2025 11:57



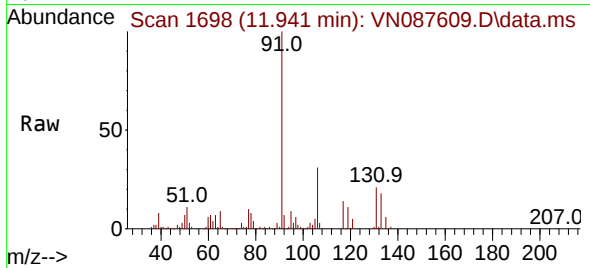
Tgt Ion:131 Resp: 60167
Ion Ratio Lower Upper
131 100
133 97.1 0.0 189.8
119 66.1 0.0 133.2





#66
Ethyl Benzene
Concen: 18.070 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN087609.D
Acq: 20 Aug 2025 11:57

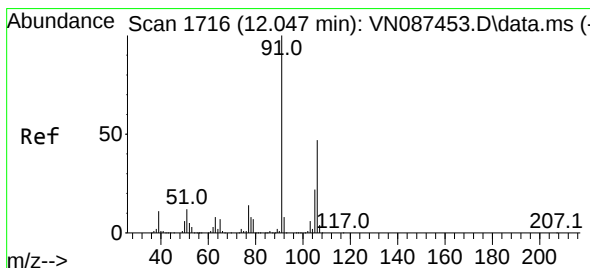
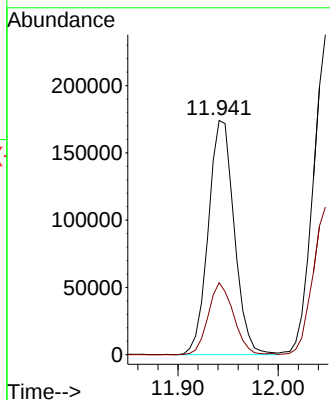
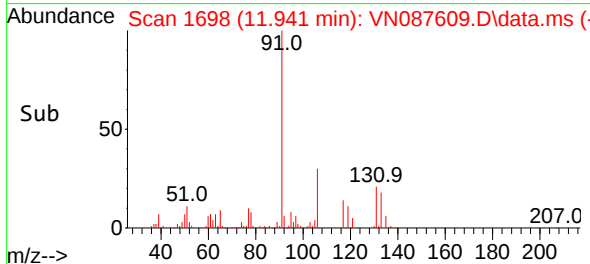
Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MS



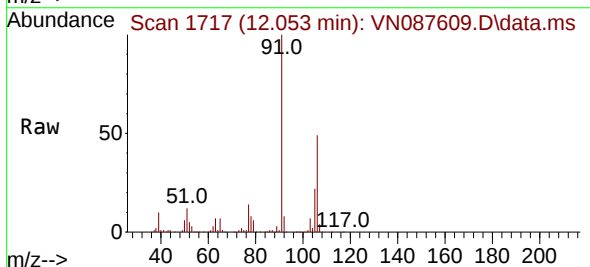
Tgt Ion: 91 Resp: 31347
Ion Ratio Lower Upper
91 100
106 30.8 22.9 34.3

Manual Integrations
APPROVED

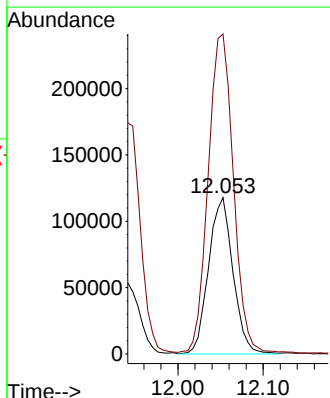
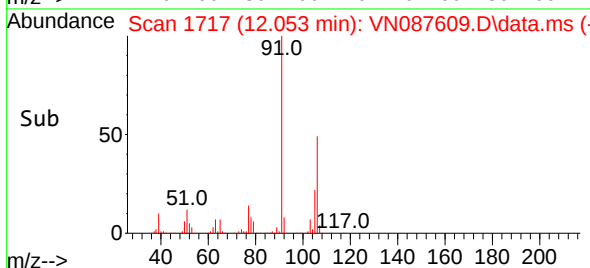
Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/25/2025

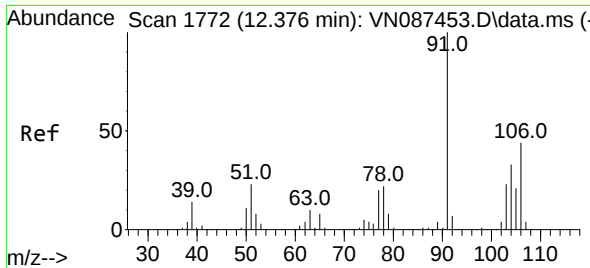


#67
m/p-Xylenes
Concen: 36.855 ug/l
RT: 12.053 min Scan# 1717
Delta R.T. 0.006 min
Lab File: VN087609.D
Acq: 20 Aug 2025 11:57



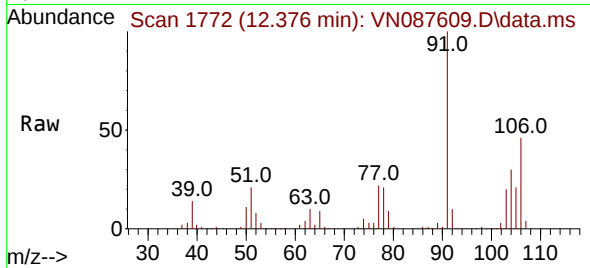
Tgt Ion:106 Resp: 234674
Ion Ratio Lower Upper
106 100
91 208.6 174.2 261.2





#68
o-Xylene
Concen: 17.967 ug/l
RT: 12.376 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087609.D
Acq: 20 Aug 2025 11:57

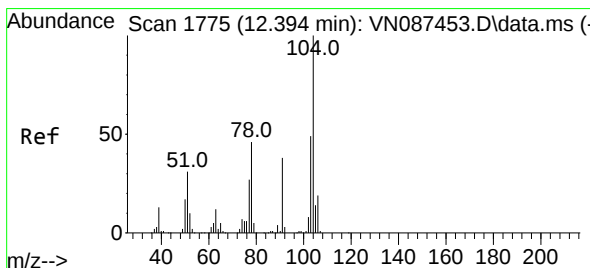
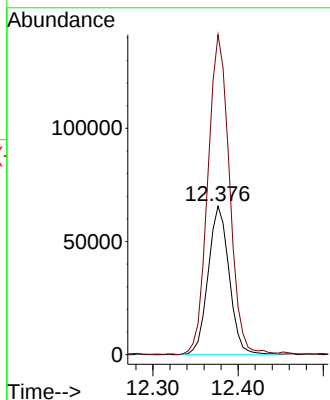
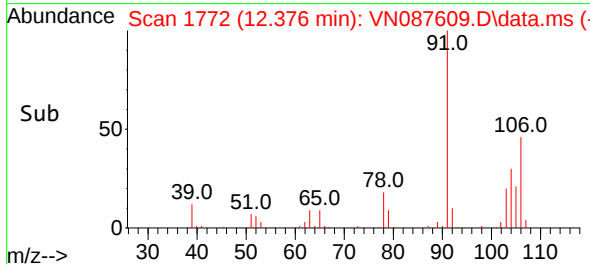
Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MS



Tgt Ion:106 Resp: 11255
Ion Ratio Lower Upper
106 100
91 220.9 114.5 343.5

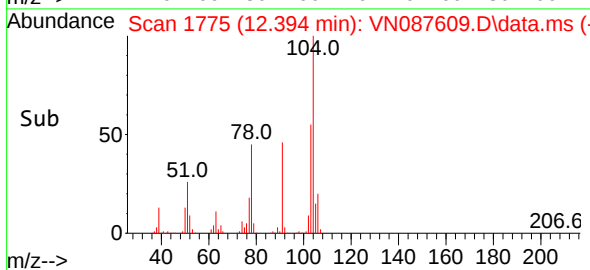
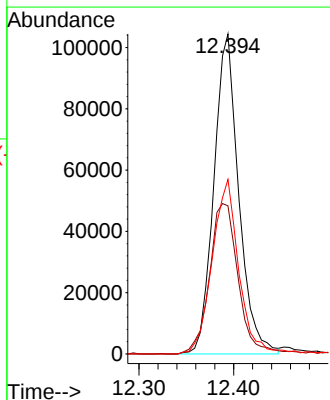
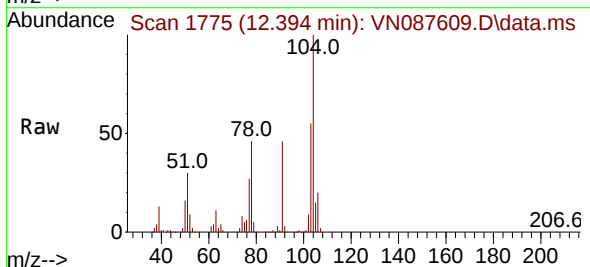
Manual Integrations
APPROVED

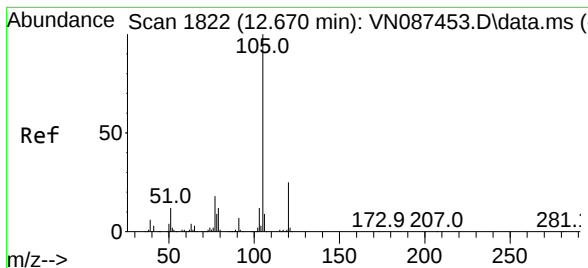
Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/25/2025



#69
Styrene
Concen: 17.828 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN087609.D
Acq: 20 Aug 2025 11:57

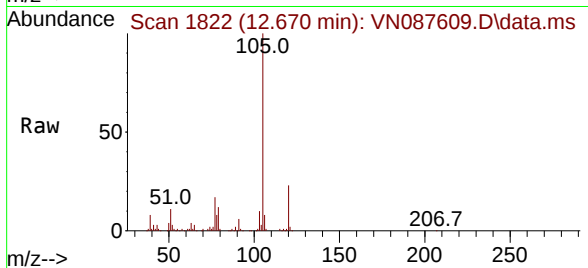
Tgt Ion:104 Resp: 190698
Ion Ratio Lower Upper
104 100
78 53.8 43.8 65.8
103 57.5 43.1 64.7





#70
Isopropylbenzene
Concen: 18.069 ug/l
RT: 12.670 min Scan# 1822
Delta R.T. 0.000 min
Lab File: VN087609.D
Acq: 20 Aug 2025 11:57

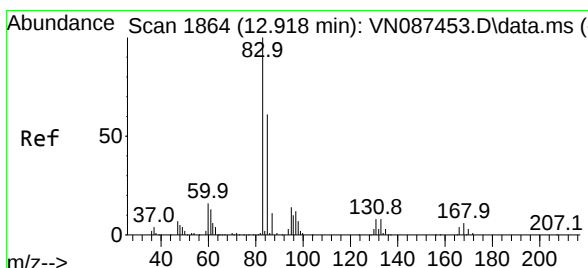
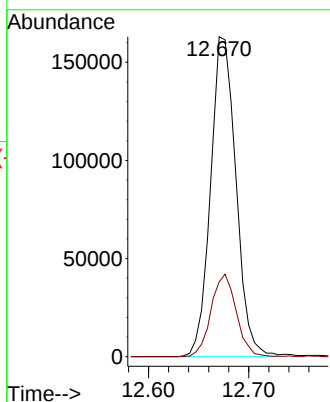
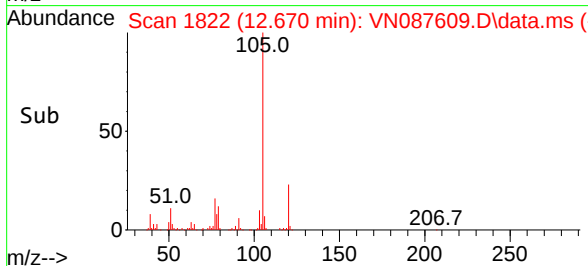
Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MS



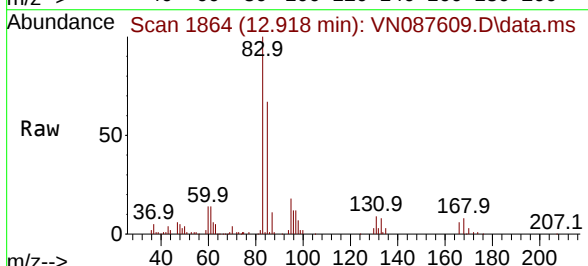
Tgt Ion: 105 Resp: 28757
Ion Ratio Lower Upper
105 100
120 25.6 17.5 32.5

Manual Integrations
APPROVED

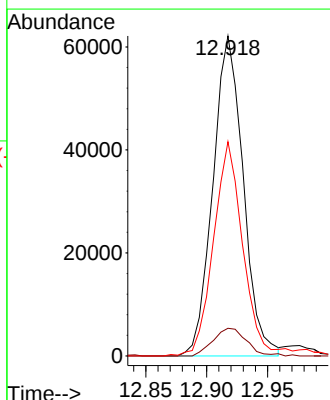
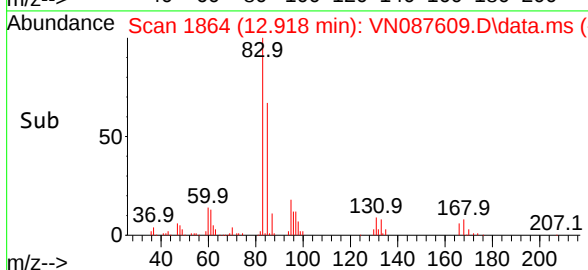
Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/25/2025

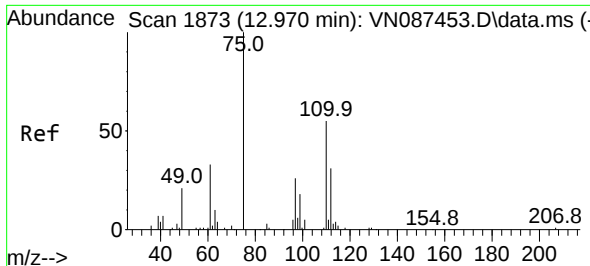


#71
1,1,2,2-Tetrachloroethane
Concen: 19.761 ug/l
RT: 12.918 min Scan# 1864
Delta R.T. 0.000 min
Lab File: VN087609.D
Acq: 20 Aug 2025 11:57



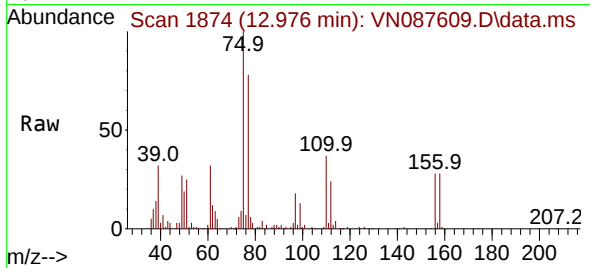
Tgt Ion: 83 Resp: 107758
Ion Ratio Lower Upper
83 100
131 9.4 4.8 14.3
85 63.6 31.7 95.1





#72
1,2,3-Trichloropropane
Concen: 20.079 ug/l m
RT: 12.976 min Scan# 1874
Delta R.T. 0.006 min
Lab File: VN087609.D
Acq: 20 Aug 2025 11:57

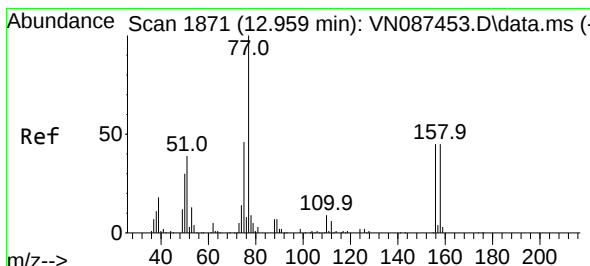
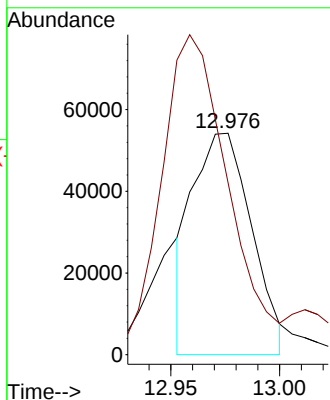
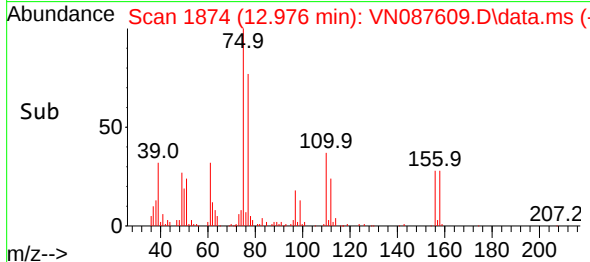
Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MS



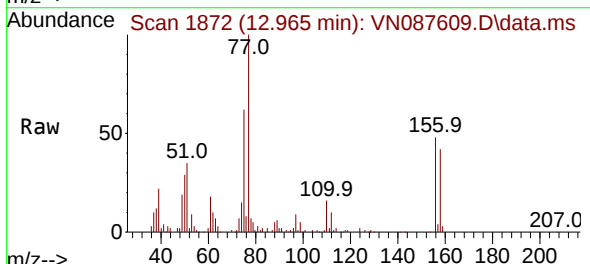
Tgt Ion: 75 Resp: 10200
Ion Ratio Lower Upper
75 100
77 164.1 0.0 385.0

Manual Integrations
APPROVED

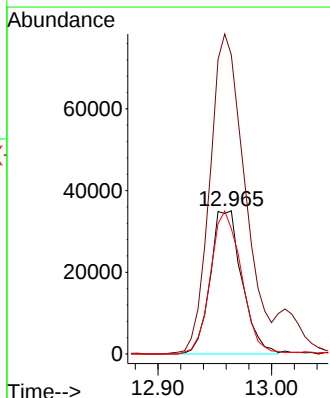
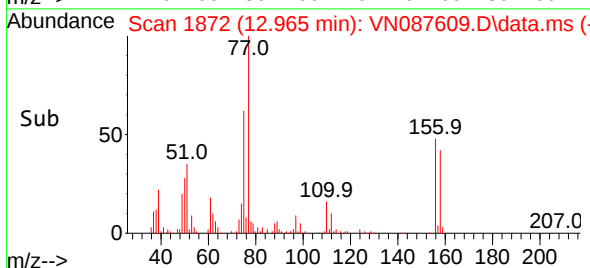
Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/25/2025

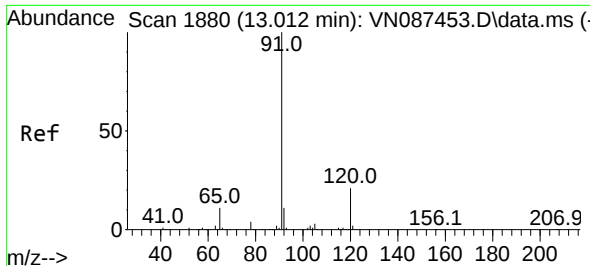


#73
Bromobenzene
Concen: 18.352 ug/l
RT: 12.965 min Scan# 1872
Delta R.T. 0.006 min
Lab File: VN087609.D
Acq: 20 Aug 2025 11:57



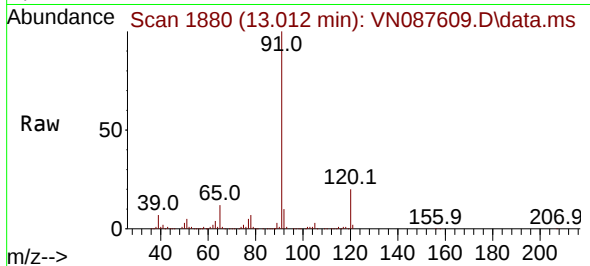
Tgt Ion:156 Resp: 67709
Ion Ratio Lower Upper
156 100
77 247.2 0.0 506.6
158 97.8 0.0 193.6





#74
n-propylbenzene
Concen: 18.336 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN087609.D
Acq: 20 Aug 2025 11:57

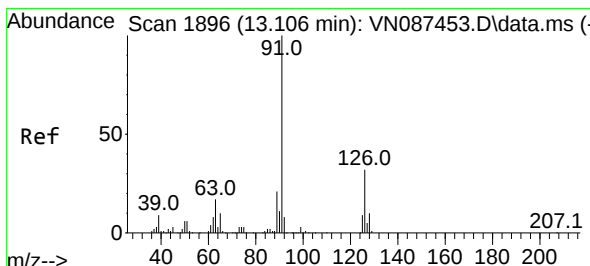
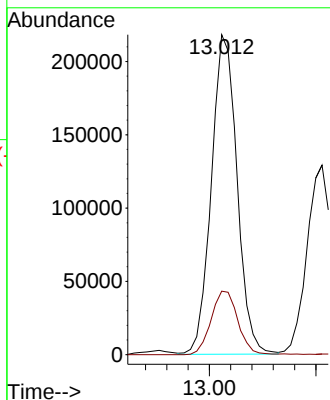
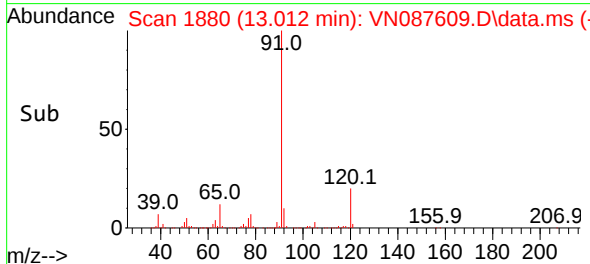
Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MS



Tgt Ion: 91 Resp: 364448
Ion Ratio Lower Upper
91 100
120 20.7 0.0 41.8

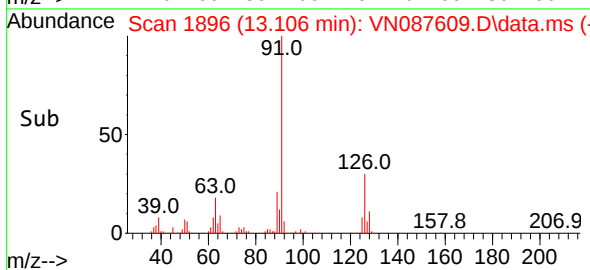
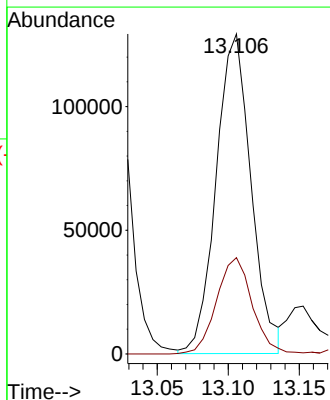
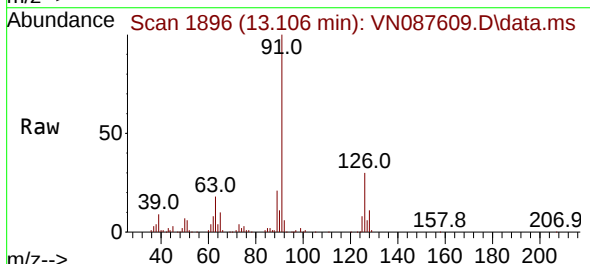
Manual Integrations
APPROVED

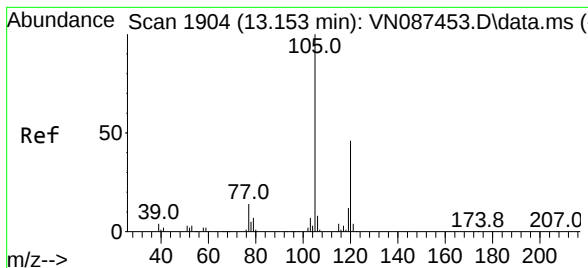
Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/25/2025



#75
2-Chlorotoluene
Concen: 18.056 ug/l
RT: 13.106 min Scan# 1896
Delta R.T. 0.000 min
Lab File: VN087609.D
Acq: 20 Aug 2025 11:57

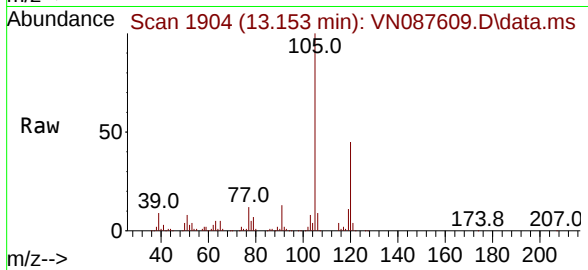
Tgt Ion: 91 Resp: 220760
Ion Ratio Lower Upper
91 100
126 30.8 0.0 60.4





#76
1,3,5-Trimethylbenzene
Concen: 18.078 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VN087609.D
Acq: 20 Aug 2025 11:57

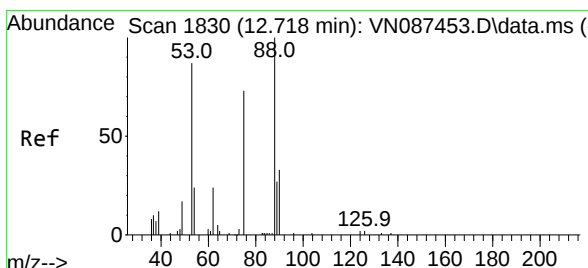
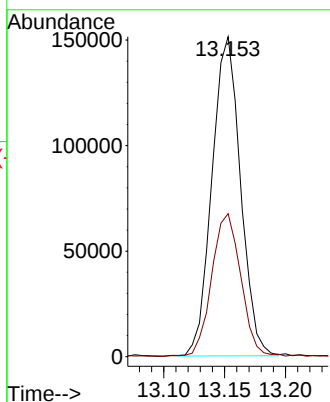
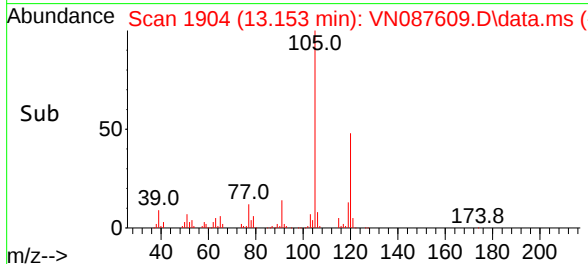
Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MS



Tgt Ion:105 Resp: 24634
Ion Ratio Lower Upper
105 100
120 46.0 0.0 91.2

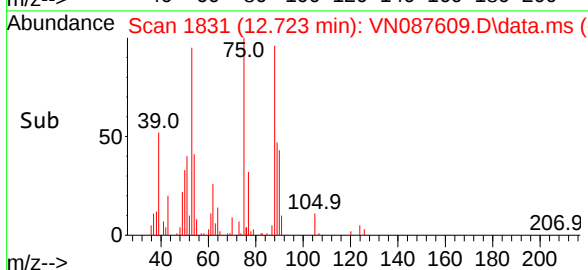
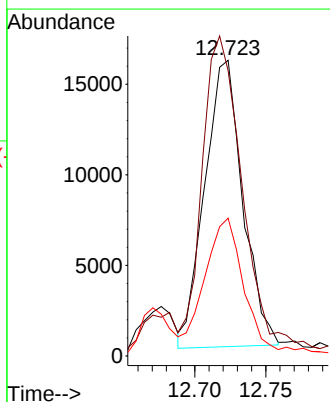
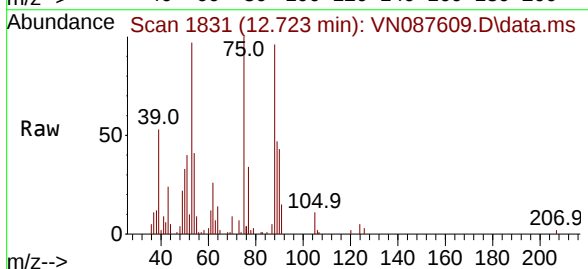
Manual Integrations
APPROVED

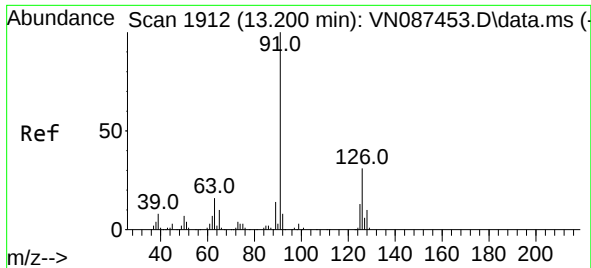
Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/25/2025



#77
t-1,4-Dichloro-2-butene
Concen: 15.314 ug/l
RT: 12.723 min Scan# 1831
Delta R.T. 0.006 min
Lab File: VN087609.D
Acq: 20 Aug 2025 11:57

Tgt Ion: 75 Resp: 29449
Ion Ratio Lower Upper
75 100
53 92.9 59.0 176.8
89 46.6 22.1 66.5





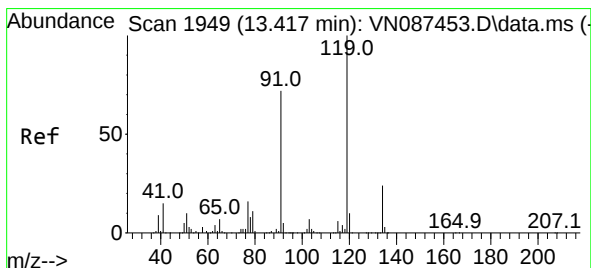
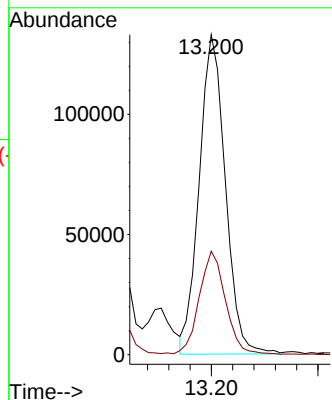
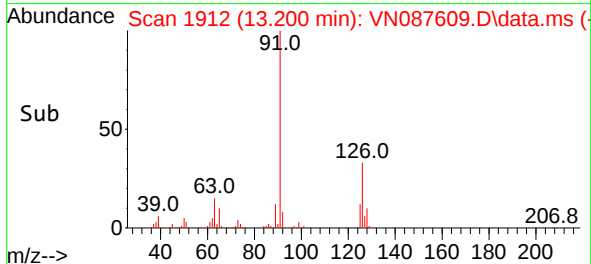
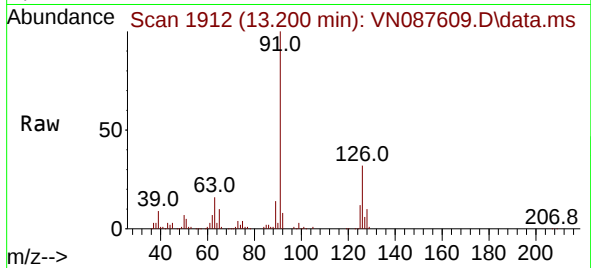
#78
4-Chlorotoluene
Concen: 18.267 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VN087609.D
Acq: 20 Aug 2025 11:57

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MS

Tgt Ion: 91 Resp: 22632
Ion Ratio Lower Upper
91 100
126 32.7 0.0 63.2

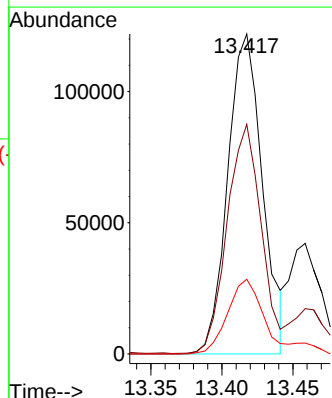
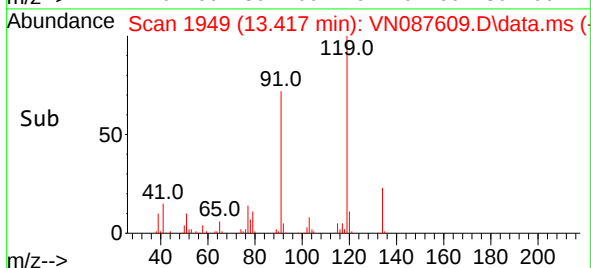
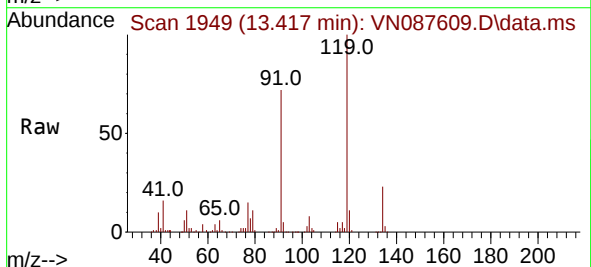
Manual Integrations
APPROVED

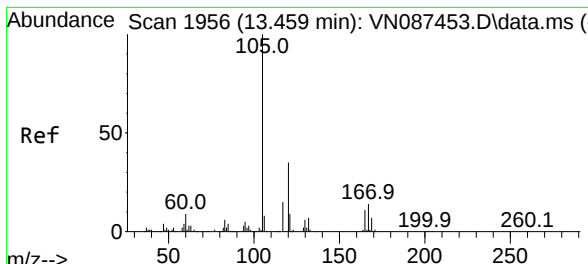
Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/25/2025



#79
tert-butylbenzene
Concen: 18.057 ug/l
RT: 13.417 min Scan# 1949
Delta R.T. 0.000 min
Lab File: VN087609.D
Acq: 20 Aug 2025 11:57

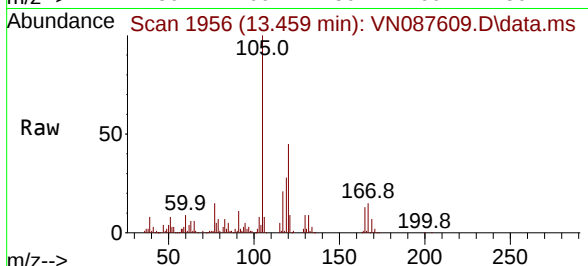
Tgt Ion:119 Resp: 207454
Ion Ratio Lower Upper
119 100
91 70.2 0.0 141.6
134 23.8 0.0 45.6





#80
 1,2,4-Trimethylbenzene
 Concen: 18.339 ug/l
 RT: 13.459 min Scan# 1956
 Delta R.T. 0.000 min
 Lab File: VN087609.D
 Acq: 20 Aug 2025 11:57

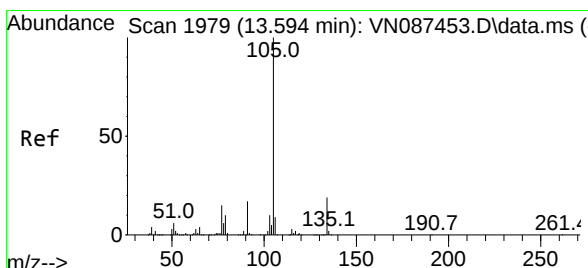
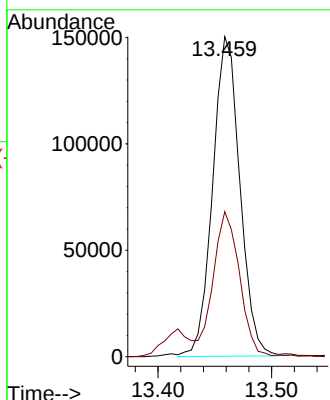
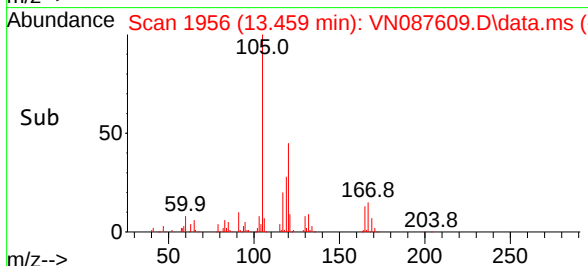
Instrument :
 MSVOA_N
 ClientSampleId :
 OUTFALL-DSN-001MS



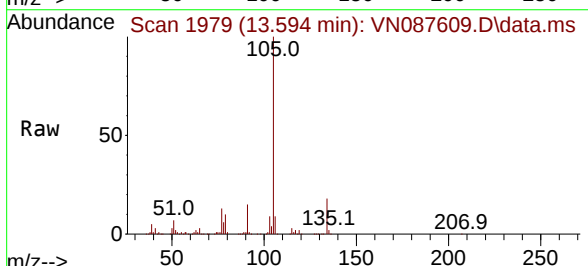
Tgt Ion:105 Resp: 249708
 Ion Ratio Lower Upper
 105 100
 120 44.2 0.0 87.2

Manual Integrations
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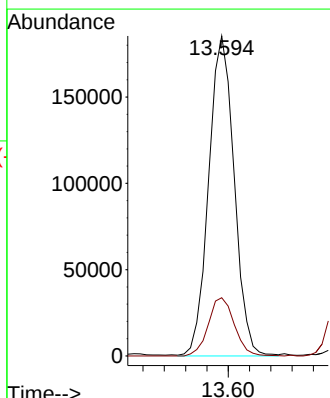
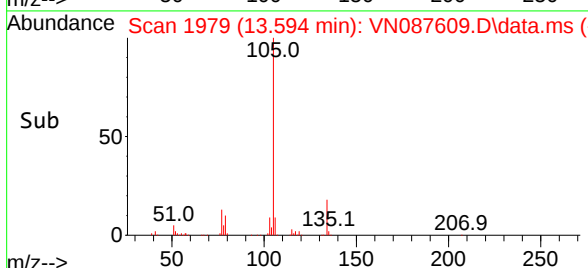
Reviewed By :John Carlone 08/21/2025
 Supervised By :Mahesh Dadoda 08/25/2025

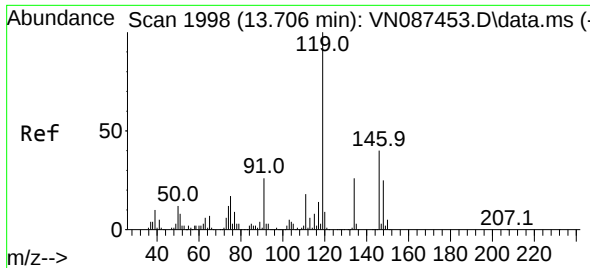


#81
 sec-Butylbenzene
 Concen: 18.407 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VN087609.D
 Acq: 20 Aug 2025 11:57



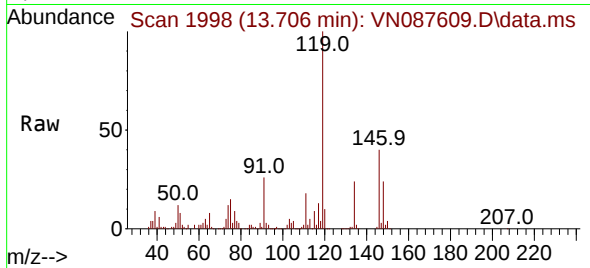
Tgt Ion:105 Resp: 307869
 Ion Ratio Lower Upper
 105 100
 134 18.6 0.0 37.6





#82
p-Isopropyltoluene
Concen: 18.419 ug/l
RT: 13.706 min Scan# 1998
Delta R.T. 0.000 min
Lab File: VN087609.D
Acq: 20 Aug 2025 11:57

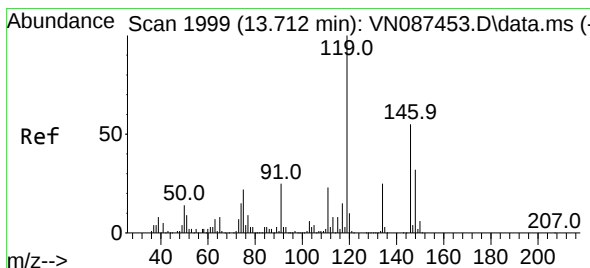
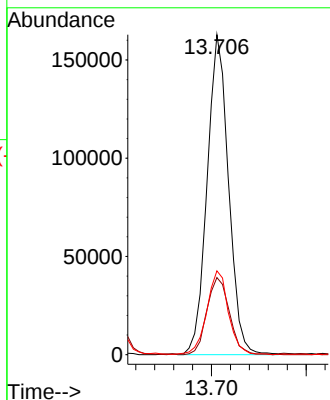
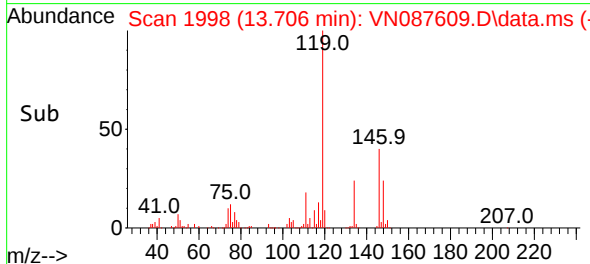
Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MS



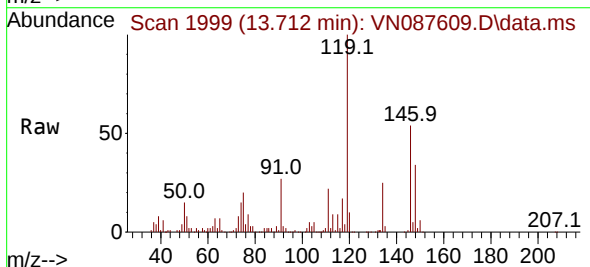
Tgt Ion:119 Resp: 255793
Ion Ratio Lower Upper
119 100
134 25.3 0.0 51.4
91 26.5 0.0 52.0

Manual Integrations
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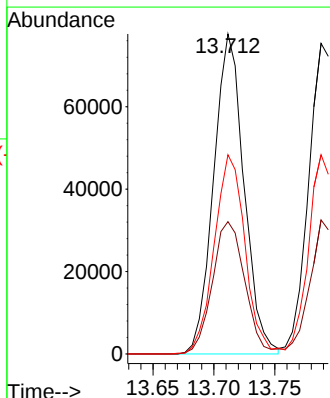
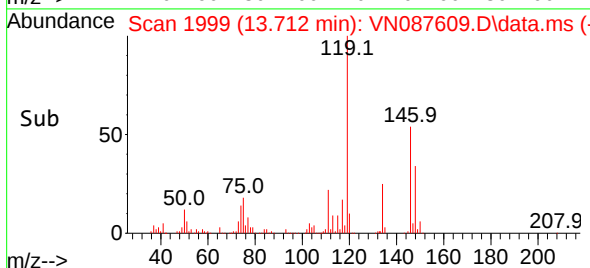
Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/25/2025

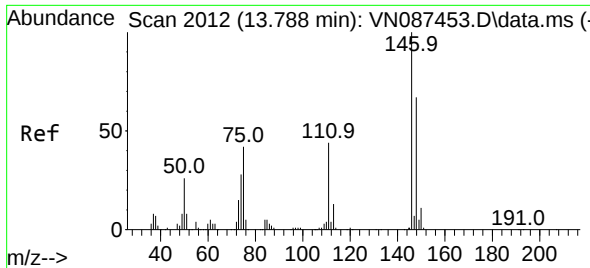


#83
1,3-Dichlorobenzene
Concen: 19.143 ug/l
RT: 13.712 min Scan# 1999
Delta R.T. 0.000 min
Lab File: VN087609.D
Acq: 20 Aug 2025 11:57



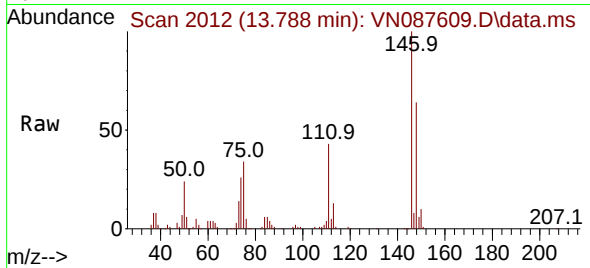
Tgt Ion:146 Resp: 134487
Ion Ratio Lower Upper
146 100
111 44.5 21.9 65.5
148 62.7 31.3 93.9





#84
1,4-Dichlorobenzene
Concen: 19.244 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN087609.D
Acq: 20 Aug 2025 11:57

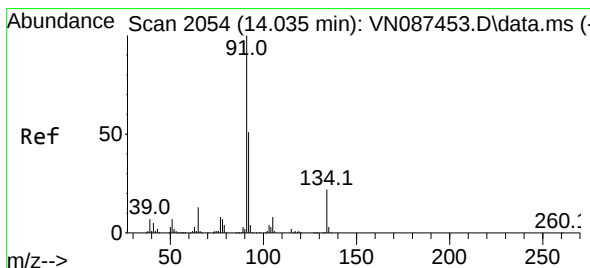
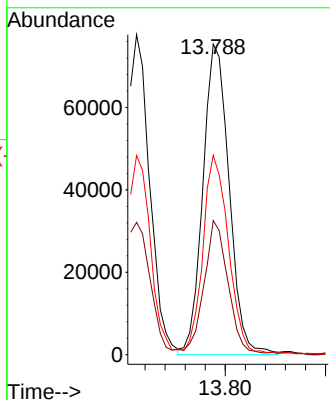
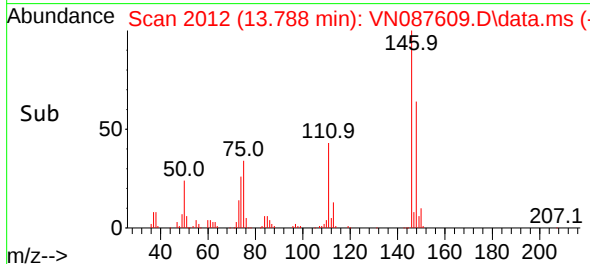
Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MS



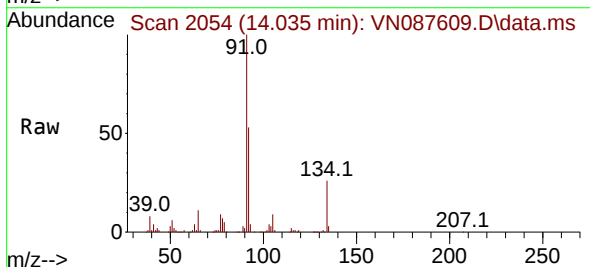
Tgt Ion:146 Resp: 13707
Ion Ratio Lower Upper
146 100
111 39.5 21.1 63.1
148 62.3 31.4 94.3

Manual Integrations
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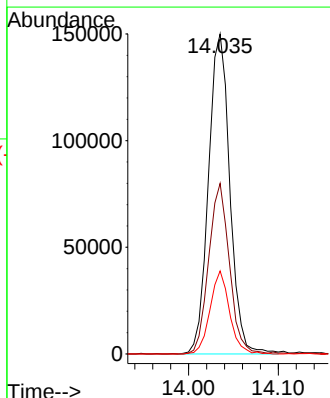
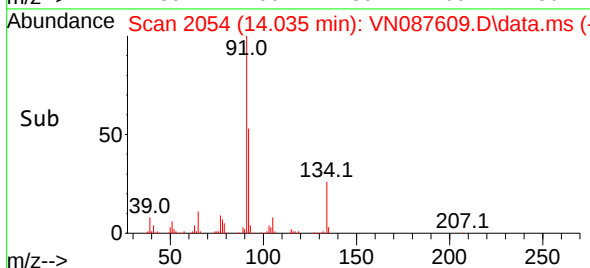
Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/25/2025

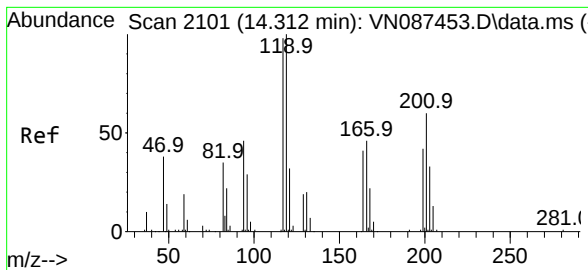


#85
n-Butylbenzene
Concen: 18.265 ug/l
RT: 14.035 min Scan# 2054
Delta R.T. 0.000 min
Lab File: VN087609.D
Acq: 20 Aug 2025 11:57



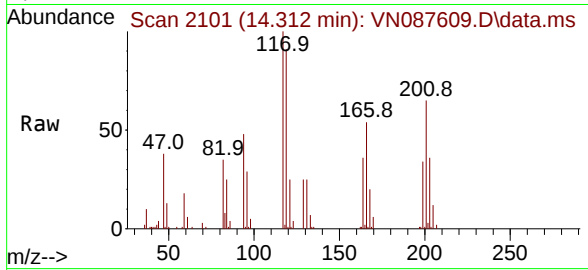
Tgt Ion: 91 Resp: 248166
Ion Ratio Lower Upper
91 100
92 51.6 0.0 106.6
134 23.7 0.0 44.4





#86
Hexachloroethane
Concen: 17.993 ug/l
RT: 14.312 min Scan# 2101
Delta R.T. 0.000 min
Lab File: VN087609.D
Acq: 20 Aug 2025 11:57

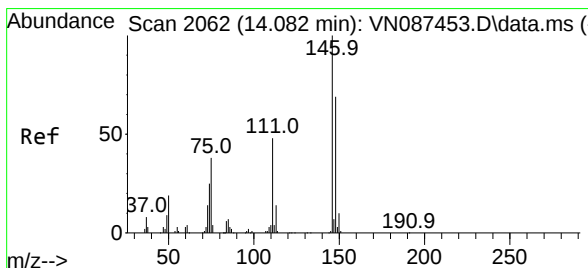
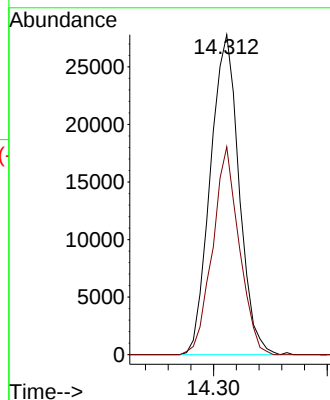
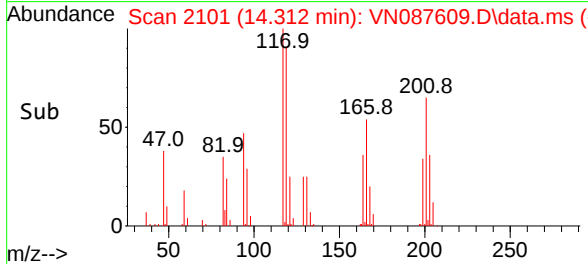
Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MS



Tgt Ion:117 Resp: 48790
Ion Ratio Lower Upper
117 100
201 60.2 29.1 87.4

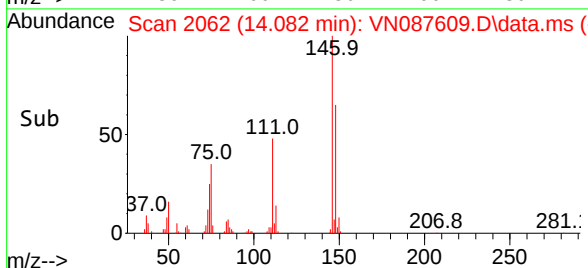
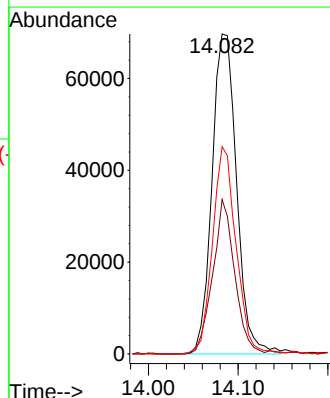
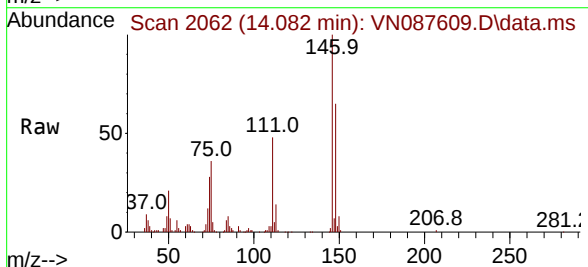
Manual Integrations
APPROVED

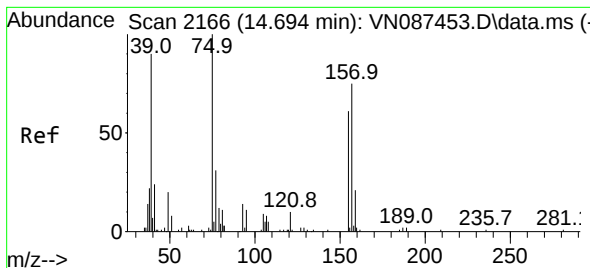
Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/25/2025



#87
1,2-Dichlorobenzene
Concen: 19.769 ug/l
RT: 14.082 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VN087609.D
Acq: 20 Aug 2025 11:57

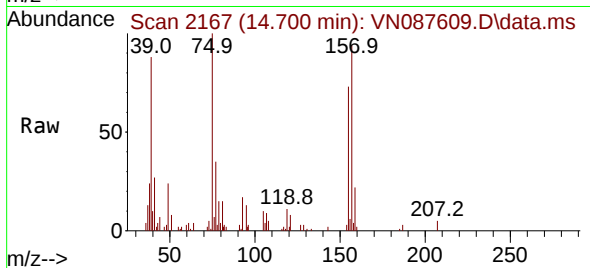
Tgt Ion:146 Resp: 132579
Ion Ratio Lower Upper
146 100
111 43.1 22.9 68.7
148 62.0 31.6 94.7





#88
 1,2-Dibromo-3-Chloropropane
 Concen: 18.933 ug/l
 RT: 14.700 min Scan# 2166
 Delta R.T. 0.006 min
 Lab File: VN087609.D
 Acq: 20 Aug 2025 11:57

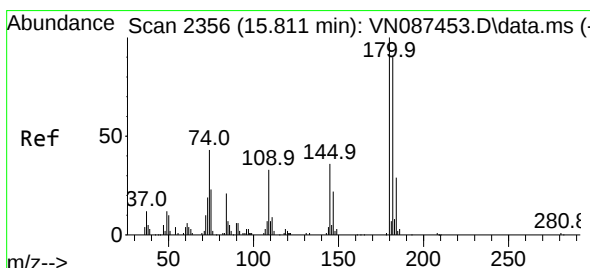
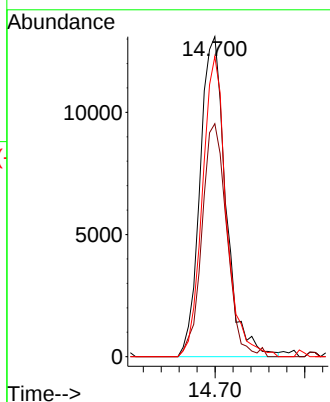
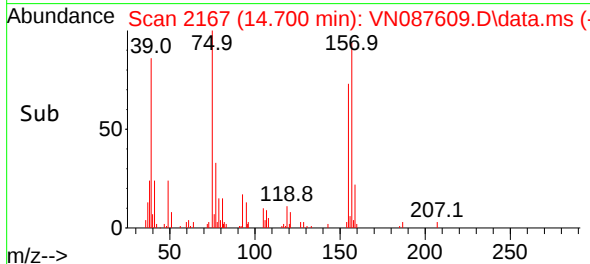
Instrument :
 MSVOA_N
 ClientSampleId :
 OUTFALL-DSN-001MS



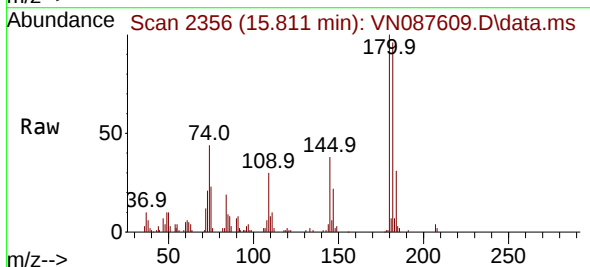
Tgt Ion: 75 Resp: 26154
 Ion Ratio Lower Upper
 75 100
 155 69.6 55.7 83.5
 157 87.1 65.8 98.6

Manual Integrations
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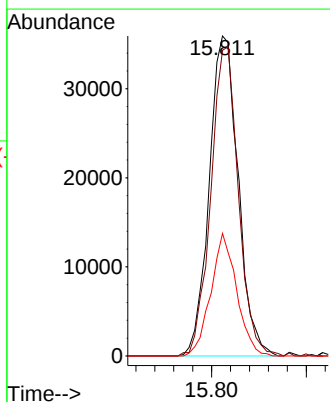
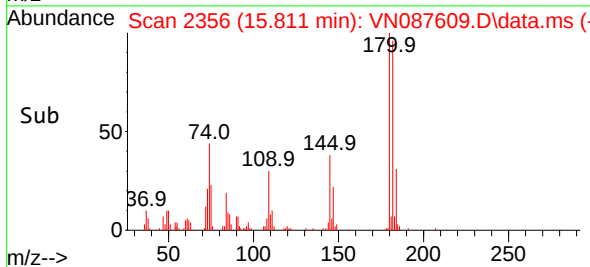
Reviewed By :John Carlone 08/21/2025
 Supervised By :Mahesh Dadoda 08/25/2025

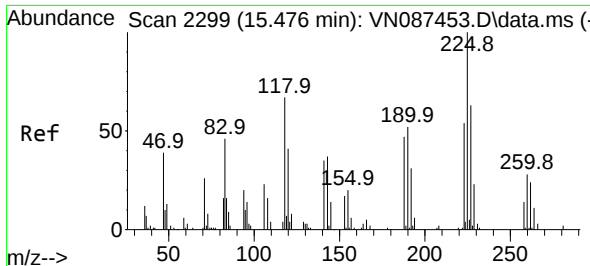


#89
 1,2,4-Trichlorobenzene
 Concen: 18.988 ug/l
 RT: 15.811 min Scan# 2356
 Delta R.T. 0.000 min
 Lab File: VN087609.D
 Acq: 20 Aug 2025 11:57



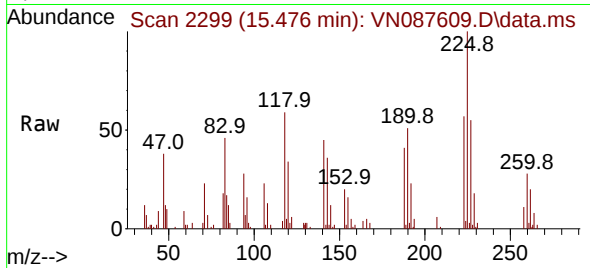
Tgt Ion:180 Resp: 76100
 Ion Ratio Lower Upper
 180 100
 182 92.1 75.0 112.4
 145 34.2 28.6 43.0





#90
Hexachlorobutadiene
Concen: 18.237 ug/l
RT: 15.476 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN087609.D
Acq: 20 Aug 2025 11:57

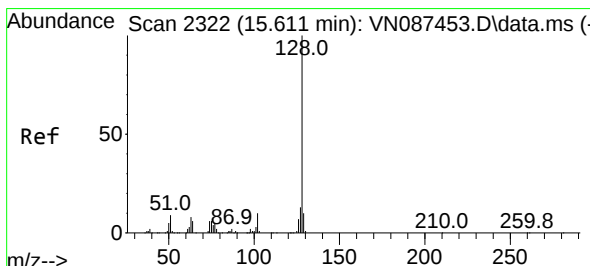
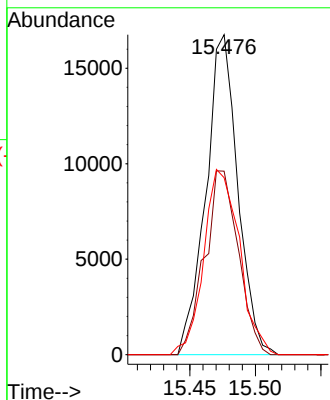
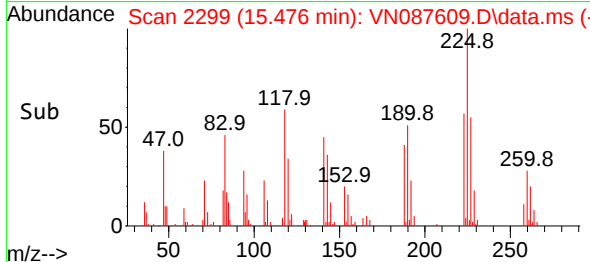
Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001MS



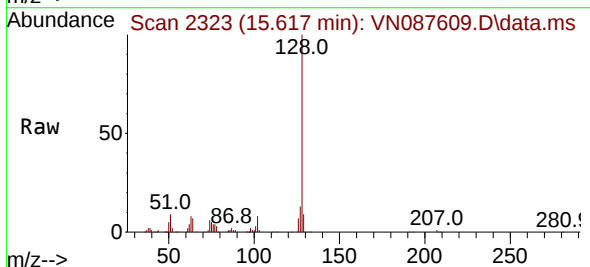
Tgt Ion:225 Resp: 2842
Ion Ratio Lower Upper
225 100
223 60.6 0.0 116.0
227 64.5 0.0 127.0

Manual Integrations
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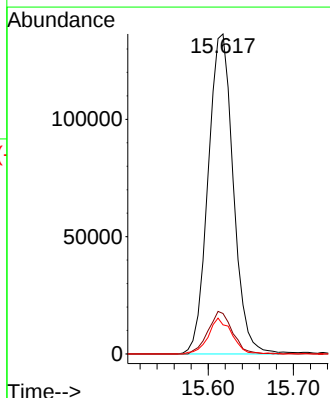
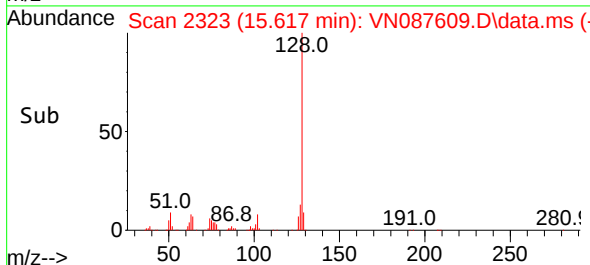
Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/25/2025

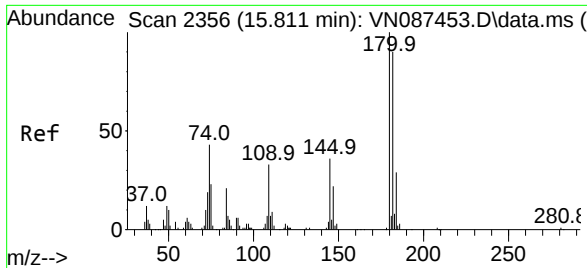


#91
Naphthalene
Concen: 18.334 ug/l
RT: 15.617 min Scan# 2323
Delta R.T. 0.006 min
Lab File: VN087609.D
Acq: 20 Aug 2025 11:57



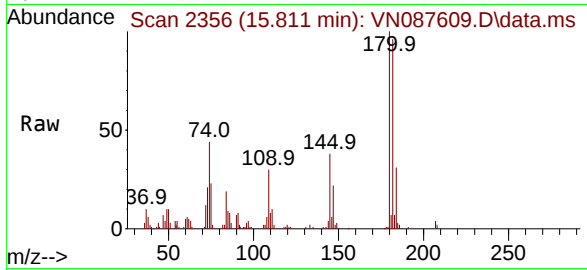
Tgt Ion:128 Resp: 280180
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 10.3 8.9 13.3





#92
 1,2,3-Trichlorobenzene
 Concen: 18.988 ug/l
 RT: 15.811 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN087609.D
 Acq: 20 Aug 2025 11:57

Instrument :
 MSVOA_N
 ClientSampleId :
 OUTFALL-DSN-001MS



Tgt Ion:	180	Resp:	76100
Ion Ratio	Lower	Upper	
180	100		
182	92.1	0.0	187.4
145	34.2	0.0	71.6

Manual Integrations
 APPROVED

Reviewed By :John Carlone 08/21/2025
 Supervised By :Mahesh Dadoda 08/25/2025

