

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091725\
 Data File : VN087879.D
 Acq On : 17 Sep 2025 14:57
 Operator : JC\MD
 Sample : Q3098-02MS 5X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EFF-WWMS

Quant Time: Sep 18 03:11:52 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090425W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 05 03:29:53 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 09/18/2025
 Supervised By : Mahesh Dadoda 09/18/2025

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

Internal Standards						
1) Bromochloromethane	7.800	128	45524	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.082	114	232070	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.847	117	208954	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.559	65	109286	28.103	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	93.667%		
60) 4-Bromofluorobenzene	12.829	95	103494	30.803	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	102.667%		
63) Toluene-d8	10.547	98	283186	29.142	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	97.133%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	49851	17.619	ug/l	89
3) Chloromethane	2.383	50	42876	14.436	ug/l	98
4) Vinyl Chloride	2.542	62	46783	13.934	ug/l	98
5) Bromomethane	2.977	94	26003	13.202	ug/l	94
6) Chloroethane	3.142	64	30409	13.252	ug/l #	83
7) Trichlorofluoromethane	3.512	101	78800	16.012	ug/l	96
8) Diethyl Ether	3.959	74	29114	14.009	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.359	101	41601	15.606	ug/l	83
10) 1,1-Dichloroethene	4.336	96	38556	14.029	ug/l	92
11) Methyl Iodide	4.589	142	20026m	10.294	ug/l	
12) Methyl Acetate	5.024	43	80079	18.902	ug/l	97
13) Acrolein	4.177	56	85844m	113.807	ug/l	
14) Acrylonitrile	5.712	53	163090	89.438	ug/l	99
15) Acetone	4.424	58	85921	151.042	ug/l	89
16) Carbon Disulfide	4.700	76	104762	13.884	ug/l #	88
17) Allyl chloride	5.018	41	63947	14.246	ug/l	88
18) Methylene Chloride	5.259	84	52838	16.973	ug/l	96
19) trans-1,2-Dichloroethene	5.771	96	48097	17.160	ug/l	95
20) Diisopropyl ether	6.659	45	165607	16.043	ug/l #	95
21) 1,1-Dichloroethane	6.559	63	93255	16.497	ug/l #	91
22) cis-1,2-Dichloroethene	7.477	96	58302	17.137	ug/l	97
23) tert-Butyl Alcohol	5.530	59	69357	107.597	ug/l #	100
24) Methyl tert-Butyl Ether	5.794	73	163958	16.711	ug/l	99
25) Chloroform	7.947	83	130054	21.980	ug/l	98
26) Cyclohexane	8.235	56	64088	14.887	ug/l #	97
29) 1,1-Dichloropropene	8.353	75	62401	16.545	ug/l	97
30) 2-Butanone	7.471	43	241803	93.069	ug/l	99
31) 2,2-Dichloropropane	7.477	77	76087	16.735	ug/l	96
32) 1,1,1-Trichloroethane	8.153	97	85149	17.808	ug/l	97
33) Carbon Tetrachloride	8.347	117	69494	17.431	ug/l	98
34) Benzene	8.588	78	202328	16.599	ug/l	96
35) Methacrylonitrile	7.765	41	47337	17.419	ug/l	92
36) 1,2-Dichloroethane	8.653	62	78195	16.983	ug/l	100
37) Trichloroethene	9.335	130	47588	17.465	ug/l	99
38) Methylcyclohexane	9.582	83	59332	14.287	ug/l	99
39) 1,2-Dichloropropane	9.600	63	53304	17.074	ug/l	97
40) Dibromomethane	9.688	93	40244	17.322	ug/l	95
41) Bromodichloromethane	9.871	83	84373	17.768	ug/l	92
42) Vinyl Acetate	6.594	43	677278	78.020	ug/l	97

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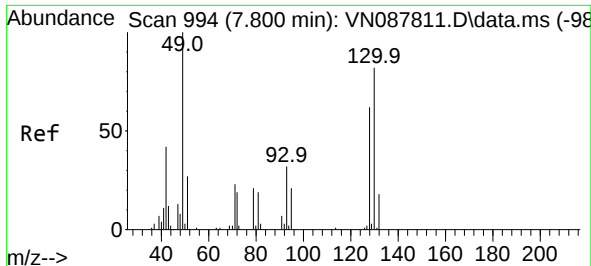
Quant Time: Sep 18 03:11:52 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.553	43	83583	15.746	ug/l #	81
44) Isopropyl Acetate	8.677	43	139543	16.769	ug/l #	83
45) 1,4-Dioxane	9.682	88	21989	419.008	ug/l	90
46) Methyl methacrylate	9.665	41	59773	15.583	ug/l	97
47) n-amyl Acetate	12.576	43	97534m	17.344	ug/l	
48) t-1,3-Dichloropropene	10.818	75	78360	15.888	ug/l	92
49) cis-1,3-Dichloropropene	10.294	75	77884	15.418	ug/l	96
50) 1,1,2-Trichloroethane	10.994	97	53970	17.985	ug/l	94
51) Ethyl methacrylate	10.859	69	70558	15.109	ug/l	96
52) 1,3-Dichloropropane	11.141	76	87531	16.798	ug/l	99
53) Dibromochloromethane	11.335	129	62518	18.581	ug/l	92
54) 1,2-Dibromoethane	11.447	107	55705	17.840	ug/l	98
56) Bromoform	12.553	173	40163	18.279	ug/l	95
58) 4-Methyl-2-Pentanone	10.424	43	452617	91.610	ug/l	99
59) 2-Hexanone	11.176	43	279671	86.627	ug/l	96
61) Tetrachloroethene	11.082	164	40268	19.356	ug/l	86
62) Toluene	10.612	91	220515	17.447	ug/l	100
64) Chlorobenzene	11.870	112	137611	17.739	ug/l	96
65) 1,1,1,2-Tetrachloroethane	11.941	131	51649	18.911	ug/l	96
66) Ethyl Benzene	11.941	91	225613	16.546	ug/l	93
67) m/p-Xylenes	12.047	106	173887	34.354	ug/l	93
68) o-Xylene	12.376	106	84953	17.310	ug/l	99
69) Styrene	12.388	104	142012	16.649	ug/l	99
70) Isopropylbenzene	12.676	105	213028	17.119	ug/l	97
71) 1,1,2,2-Tetrachloroethane	12.917	83	84382	18.862	ug/l	99
72) 1,2,3-Trichloropropane	12.970	75	82331m	18.744	ug/l	
73) Bromobenzene	12.959	156	57127	18.764	ug/l	90
74) n-propylbenzene	13.012	91	255916	16.299	ug/l	99
75) 2-Chlorotoluene	13.100	91	158031	16.723	ug/l	94
76) 1,3,5-Trimethylbenzene	13.147	105	171519	16.322	ug/l	95
77) t-1,4-Dichloro-2-butene	12.717	75	25675	17.318	ug/l	86
78) 4-Chlorotoluene	13.200	91	160921	16.891	ug/l	99
79) tert-butylbenzene	13.412	119	143062	16.256	ug/l	96
80) 1,2,4-Trimethylbenzene	13.459	105	174202	16.170	ug/l	98
81) sec-Butylbenzene	13.594	105	205366	15.865	ug/l	98
82) p-Isopropyltoluene	13.706	119	171685	16.098	ug/l	97
83) 1,3-Dichlorobenzene	13.712	146	104954	17.881	ug/l	99
84) 1,4-Dichlorobenzene	13.788	146	108302	18.408	ug/l	96
85) n-Butylbenzene	14.035	91	162115	15.813	ug/l	98
86) Hexachloroethane	14.306	117	34341	15.852	ug/l	91
87) 1,2-Dichlorobenzene	14.082	146	105462	19.051	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.694	75	19722	19.866	ug/l #	84
89) 1,2,4-Trichlorobenzene	15.811	180	53730	17.065	ug/l	90
90) Hexachlorobutadiene	15.476	225	22695	21.501	ug/l	93
91) Naphthalene	15.617	128	216085	18.642	ug/l	99
92) 1,2,3-Trichlorobenzene	15.811	180	53730	17.065	ug/l	90

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



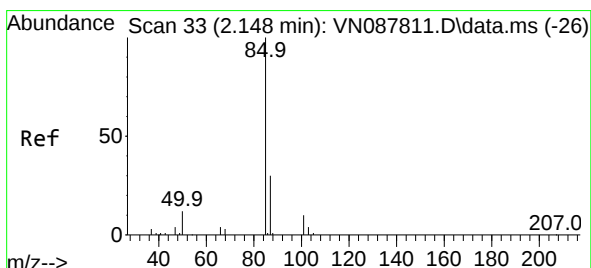
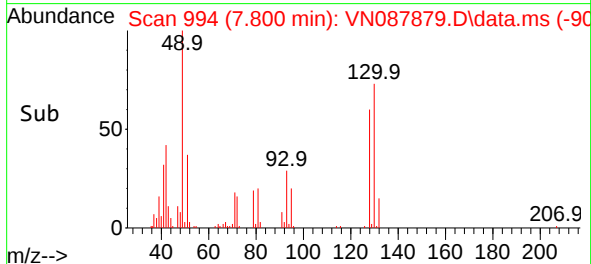
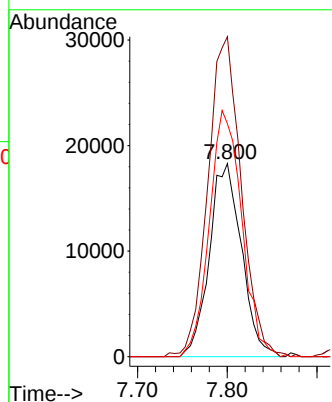
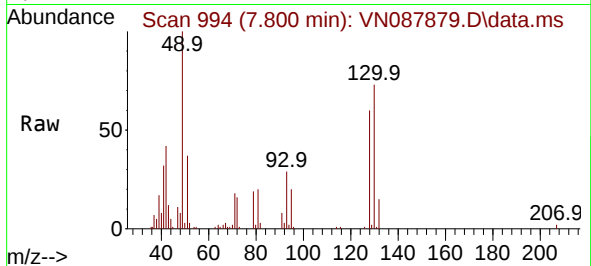
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Bromochloromethane
Concen: 30.000 ug/l
RT: 7.800 min Scan# 994
Delta R.T. 0.006 min
Lab File: VN087879.D
Acq: 17 Sep 2025 14:57

Instrument :
MSVOA_N
ClientSampleId :
EFF-WWMS

Tgt Ion:128 Resp: 45524
Ion Ratio Lower Upper
128 100
49 171.4 0.0 464.3
130 128.2 0.0 300.5

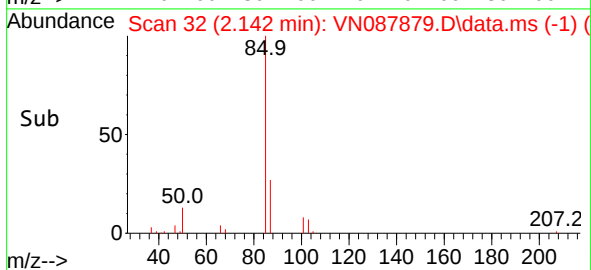
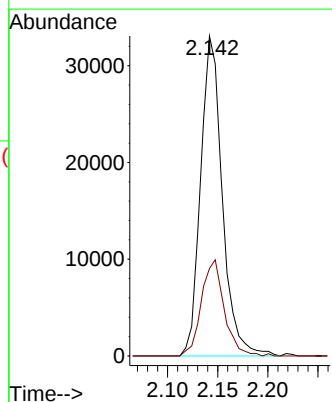
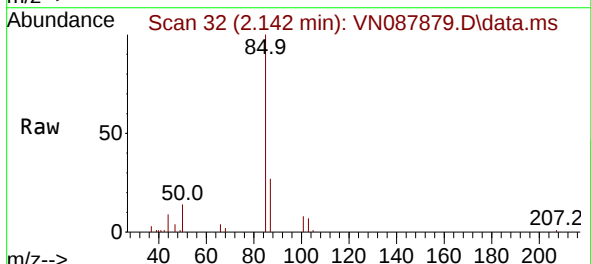
Manual Integrations
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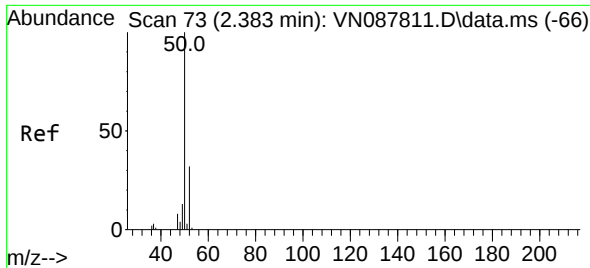
Reviewed By :John Carlone 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025



#2
Dichlorodifluoromethane
Concen: 17.619 ug/l
RT: 2.142 min Scan# 32
Delta R.T. -0.000 min
Lab File: VN087879.D
Acq: 17 Sep 2025 14:57

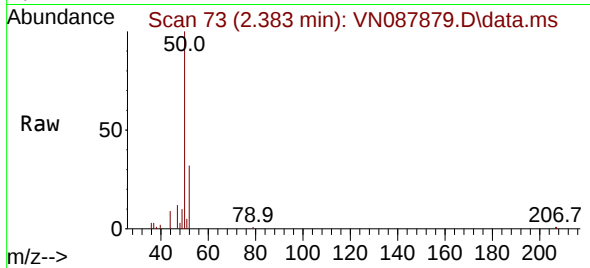
Tgt Ion: 85 Resp: 49851
Ion Ratio Lower Upper
85 100
87 27.3 16.8 50.4





#3
Chloromethane
Concen: 14.436 ug/l
RT: 2.383 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN087879.D
Acq: 17 Sep 2025 14:57

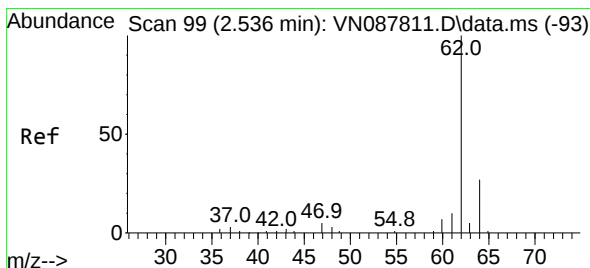
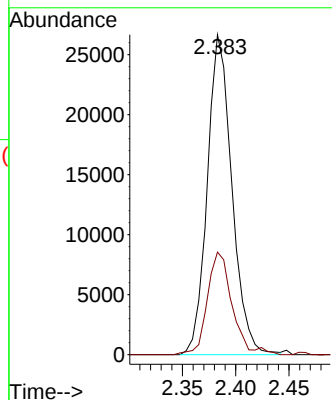
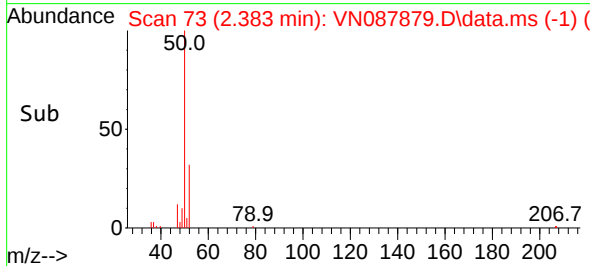
Instrument :
MSVOA_N
ClientSampleId :
EFF-WWMS



Tgt Ion: 50 Resp: 42870
Ion Ratio Lower Upper
50 100
52 32.1 26.6 40.0

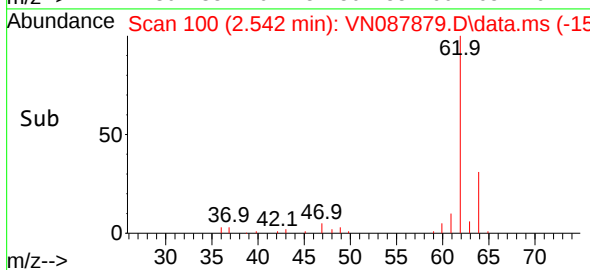
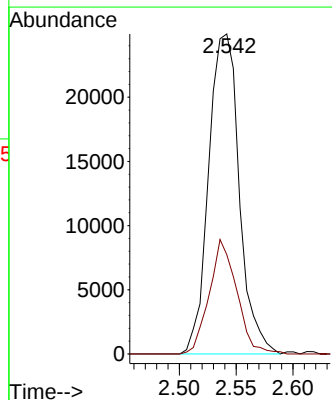
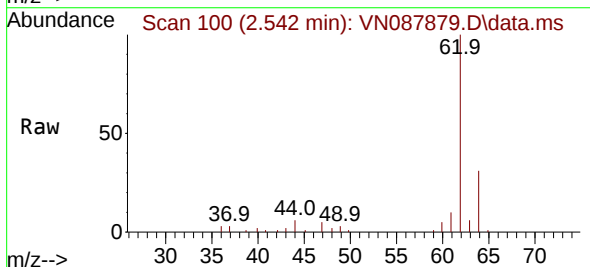
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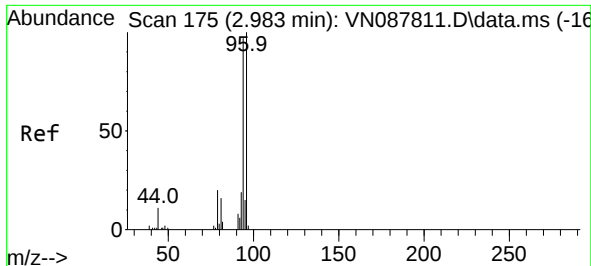
Reviewed By :John Carlone 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025



#4
Vinyl Chloride
Concen: 13.934 ug/l
RT: 2.542 min Scan# 100
Delta R.T. -0.000 min
Lab File: VN087879.D
Acq: 17 Sep 2025 14:57

Tgt Ion: 62 Resp: 46783
Ion Ratio Lower Upper
62 100
64 31.1 25.5 38.3





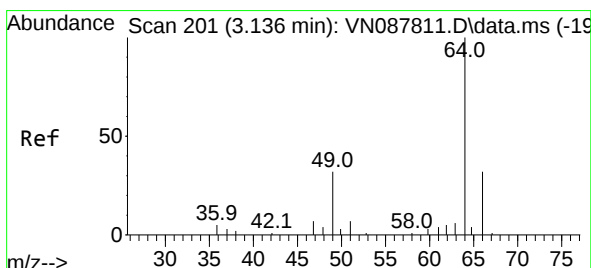
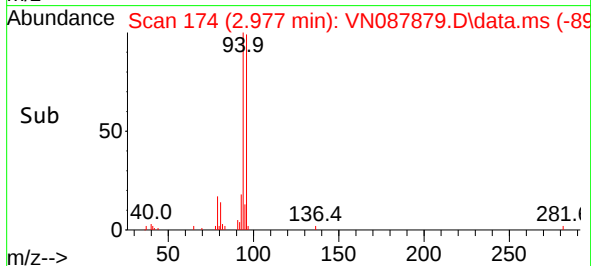
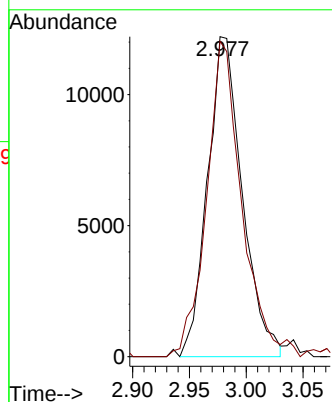
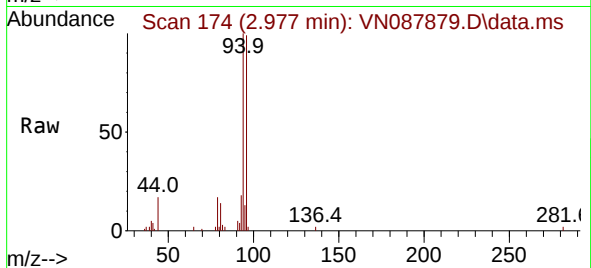
#5
Bromomethane
Concen: 13.202 ug/l
RT: 2.977 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087879.D
Acq: 17 Sep 2025 14:57

Instrument :
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ClientSampleId :
EFF-WWMS

Tgt Ion: 94 Resp: 2600
Ion Ratio Lower Upper
94 100
96 96.1 72.2 108.4

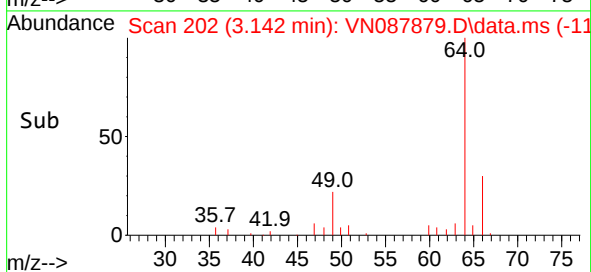
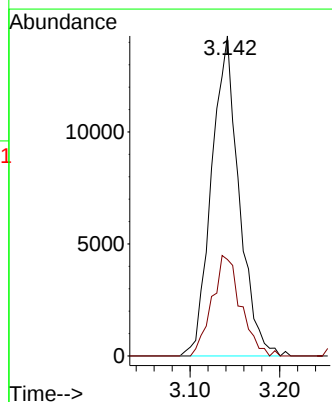
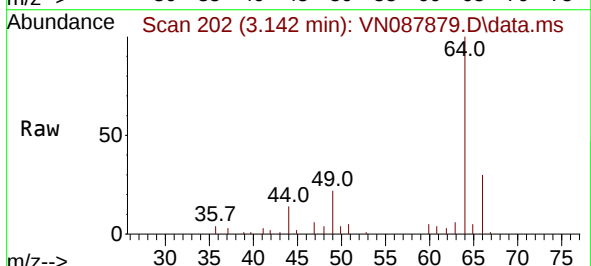
Manual Integrations
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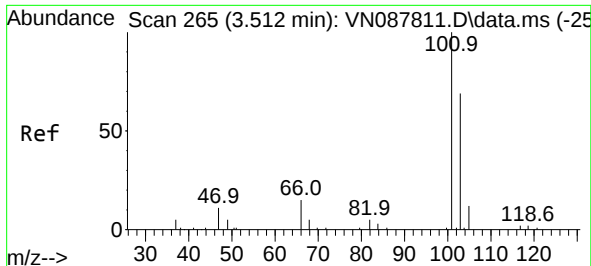
Reviewed By :John Carlone 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025



#6
Chloroethane
Concen: 13.252 ug/l
RT: 3.142 min Scan# 202
Delta R.T. -0.000 min
Lab File: VN087879.D
Acq: 17 Sep 2025 14:57

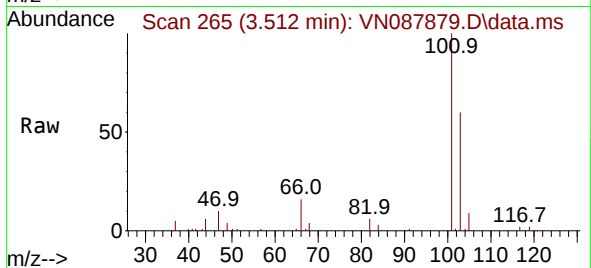
Tgt Ion: 64 Resp: 30409
Ion Ratio Lower Upper
64 100
66 30.2 32.8 49.2#





#7
 Trichlorofluoromethane
 Concen: 16.012 ug/l
 RT: 3.512 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN087879.D
 Acq: 17 Sep 2025 14:57

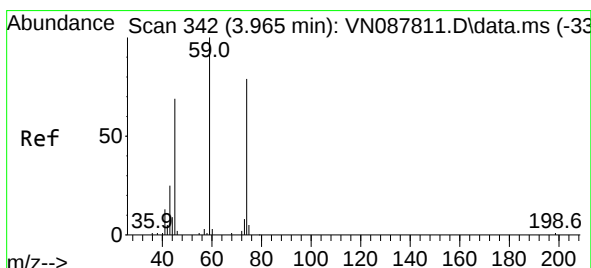
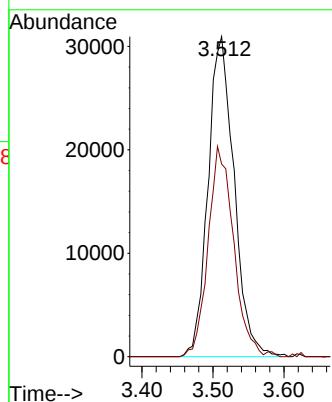
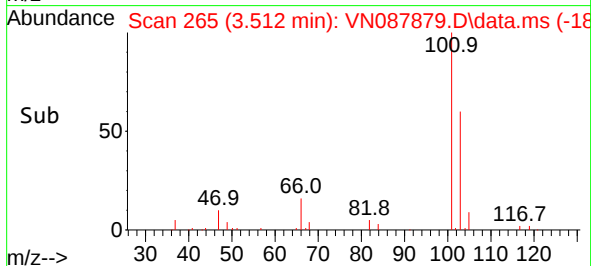
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Tgt Ion:101 Resp: 78800
 Ion Ratio Lower Upper
 101 100
 103 60.2 45.7 68.5

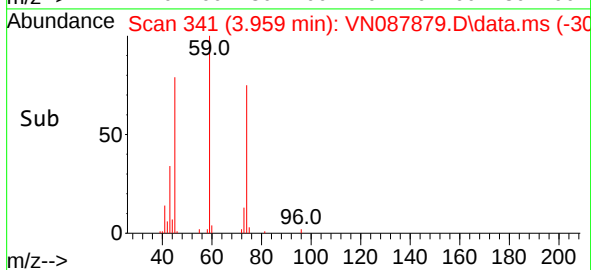
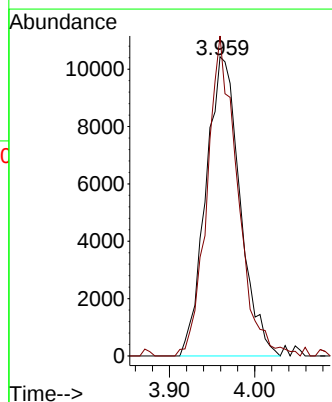
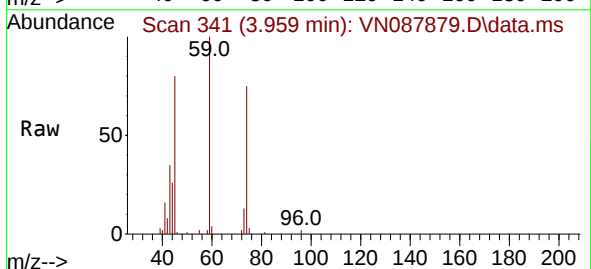
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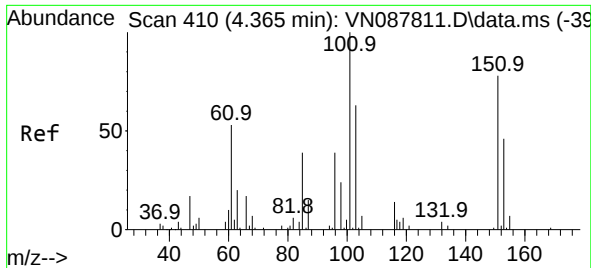
Reviewed By :John Carlone 09/18/2025
 Supervised By :Mahesh Dadoda 09/18/2025



#8
 Diethyl Ether
 Concen: 14.009 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.006 min
 Lab File: VN087879.D
 Acq: 17 Sep 2025 14:57

Tgt Ion: 74 Resp: 29114
 Ion Ratio Lower Upper
 74 100
 45 94.2 20.4 183.8





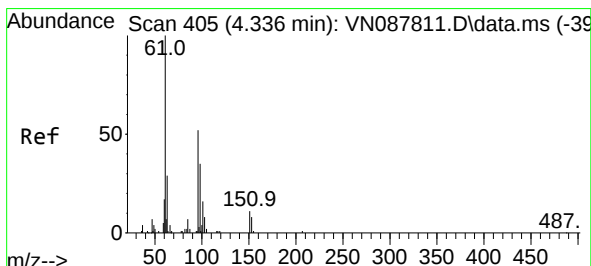
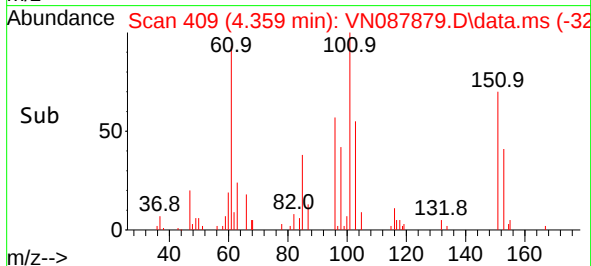
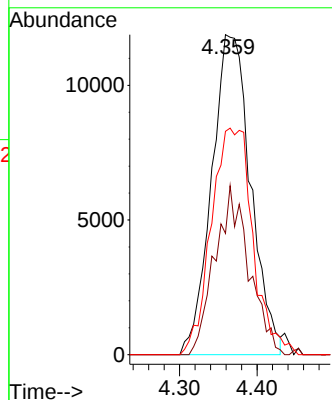
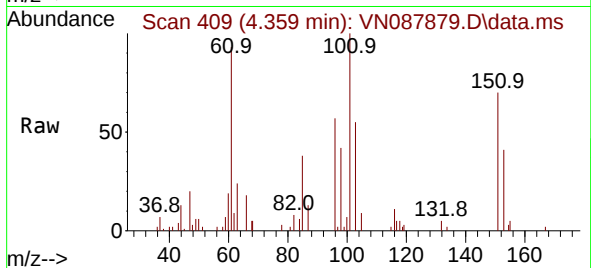
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 1,1,2-Trichlorotrifluoroethane
 Concen: 15.606 ug/l
 RT: 4.359 min Scan# 409
 Delta R.T. -0.012 min
 Lab File: VN087879.D
 Acq: 17 Sep 2025 14:57

Instrument :
 MSVOA_N
 ClientSampleId :
 EFF-WWMS

Tgt Ion: 101 Resp: 4160
 Ion Ratio Lower Upper
 101 100
 85 27.3 0.0 95.6
 151 44.6 0.0 85.8

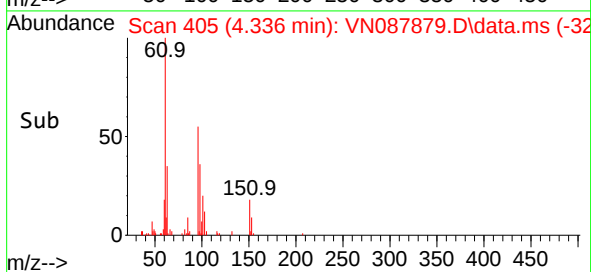
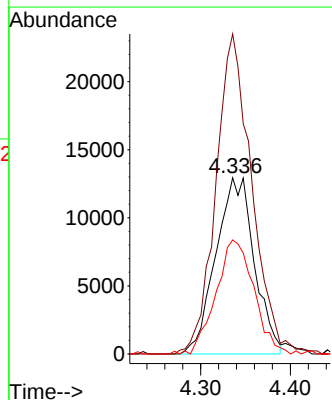
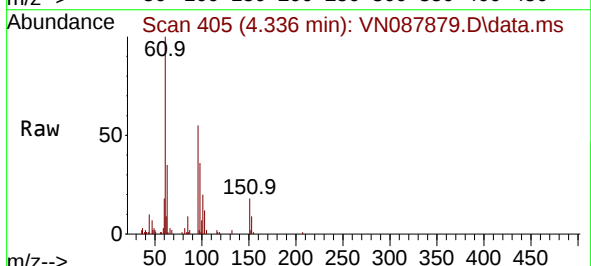
Manual Integrations
 APPROVED

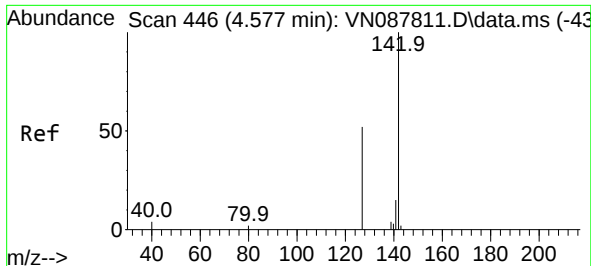
Reviewed By :John Carlone 09/18/2025
 Supervised By :Mahesh Dadoda 09/18/2025



#10
 1,1-Dichloroethene
 Concen: 14.029 ug/l
 RT: 4.336 min Scan# 405
 Delta R.T. -0.006 min
 Lab File: VN087879.D
 Acq: 17 Sep 2025 14:57

Tgt Ion: 96 Resp: 38556
 Ion Ratio Lower Upper
 96 100
 61 179.4 135.9 203.9
 98 64.7 59.2 88.8





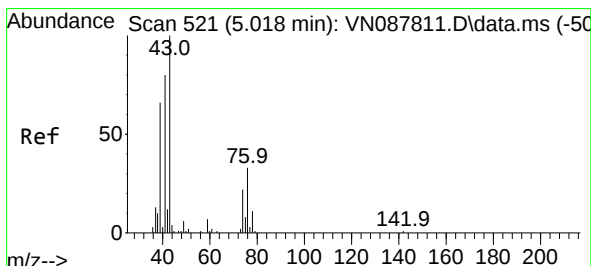
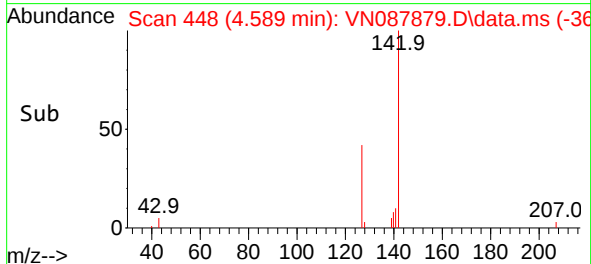
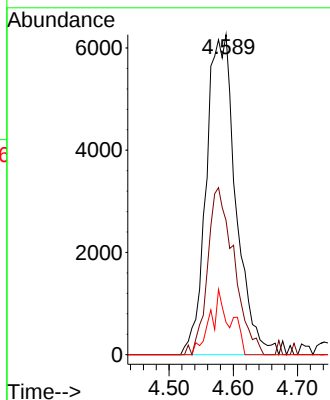
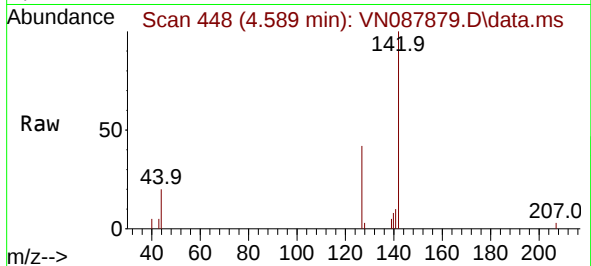
#11
Methyl Iodide
Concen: 10.294 ug/l m
RT: 4.589 min Scan# 446
Delta R.T. 0.006 min
Lab File: VN087879.D
Acq: 17 Sep 2025 14:57

Instrument :
MSVOA_N
ClientSampleId :
EFF-WWMS

Tgt Ion:142 Resp: 20020
Ion Ratio Lower Upper
142 100
127 42.0 27.9 83.7
141 10.1 9.6 28.8

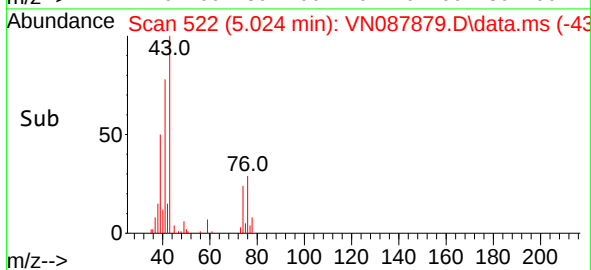
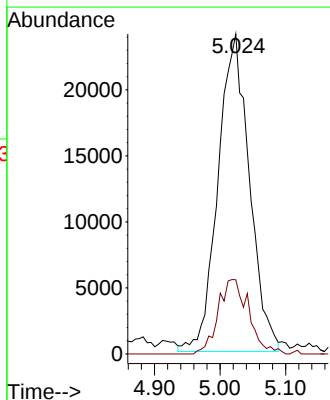
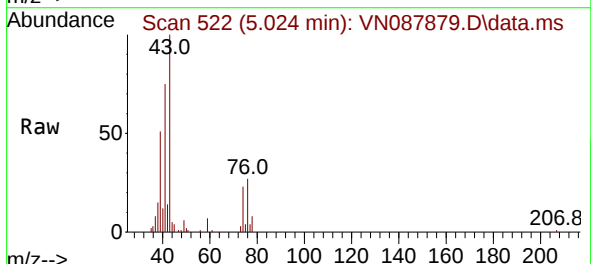
Manual Integrations
APPROVED

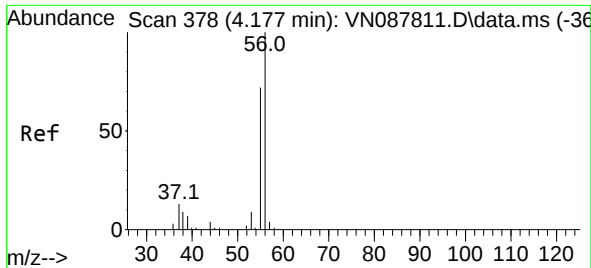
Reviewed By :John Carlone 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025



#12
Methyl Acetate
Concen: 18.902 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN087879.D
Acq: 17 Sep 2025 14:57

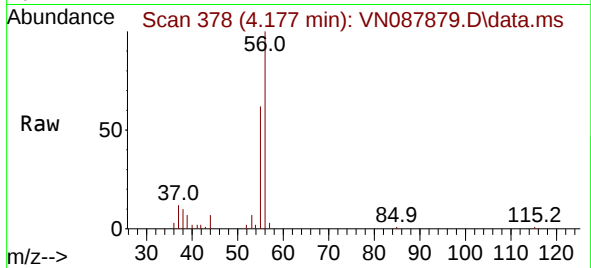
Tgt Ion: 43 Resp: 80079
Ion Ratio Lower Upper
43 100
74 23.1 17.5 26.3





#13
Acrolein
Concen: 113.807 ug/l m
RT: 4.177 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN087879.D
Acq: 17 Sep 2025 14:57

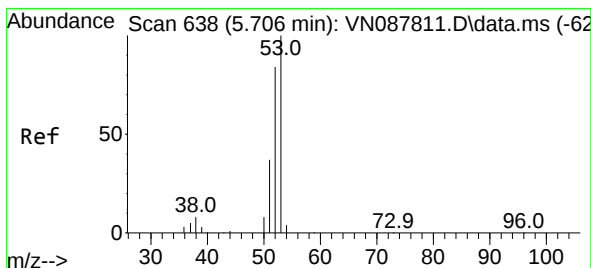
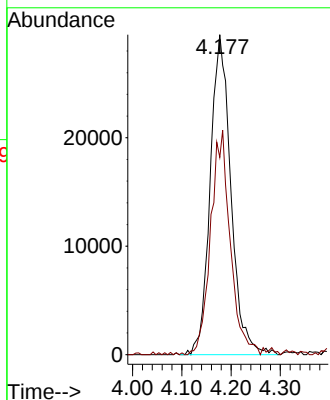
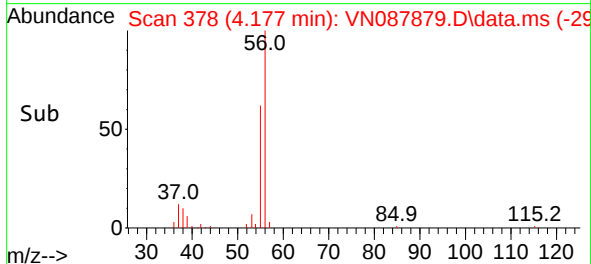
Instrument :
MSVOA_N
ClientSampleId :
EFF-WWMS



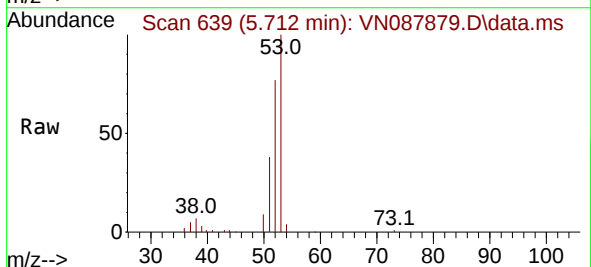
Tgt Ion: 56 Resp: 85844
Ion Ratio Lower Upper
56 100
55 0.1 28.6 42.8

Manual Integrations
APPROVED

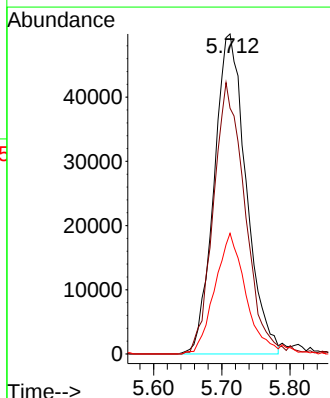
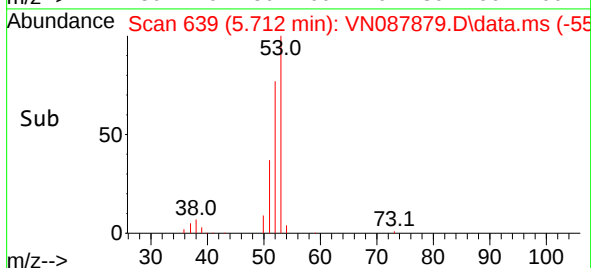
Reviewed By :John Carlone 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025

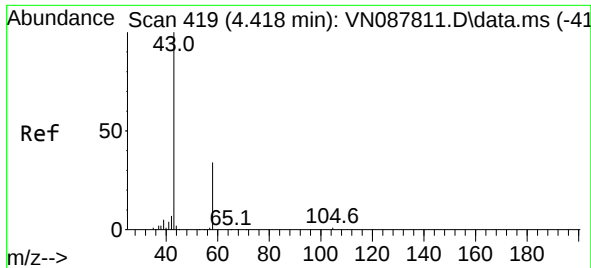


#14
Acrylonitrile
Concen: 89.438 ug/l
RT: 5.712 min Scan# 639
Delta R.T. -0.006 min
Lab File: VN087879.D
Acq: 17 Sep 2025 14:57



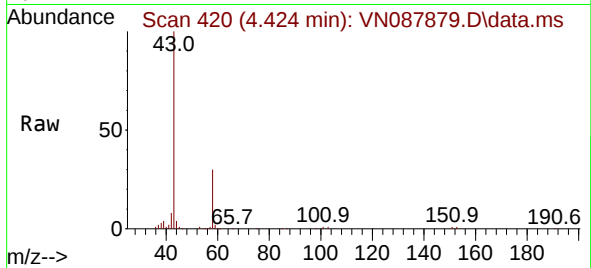
Tgt Ion: 53 Resp: 163090
Ion Ratio Lower Upper
53 100
52 82.9 40.9 122.7
51 34.8 18.1 54.1





#15
Acetone
Concen: 151.042 ug/l
RT: 4.424 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN087879.D
Acq: 17 Sep 2025 14:57

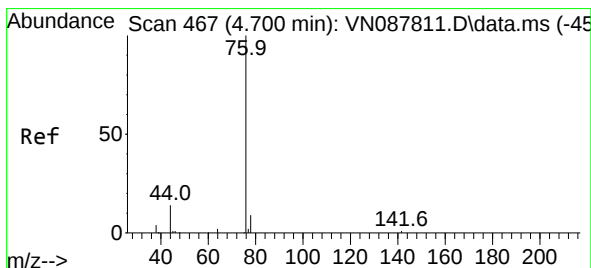
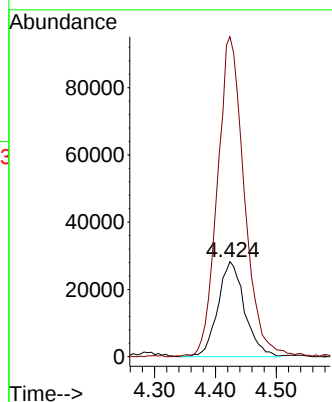
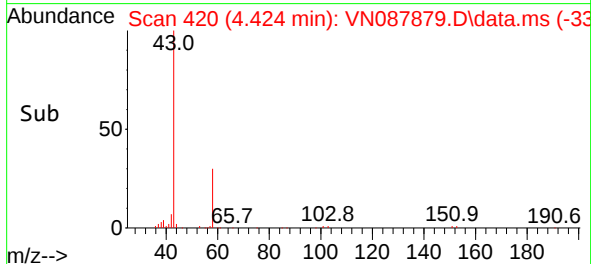
Instrument :
MSVOA_N
ClientSampleId :
EFF-WWMS



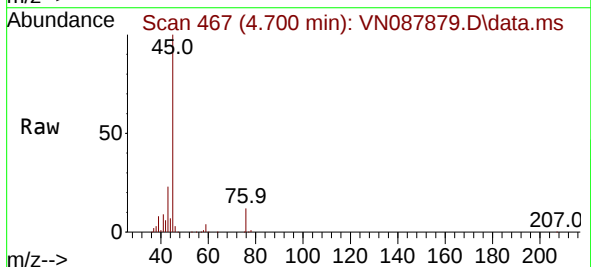
Tgt Ion: 58 Resp: 8592
Ion Ratio Lower Upper
58 100
43 335.7 250.6 376.0

Manual Integrations
APPROVED

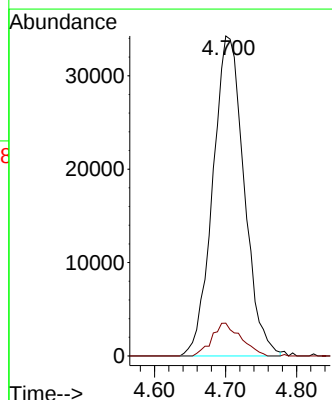
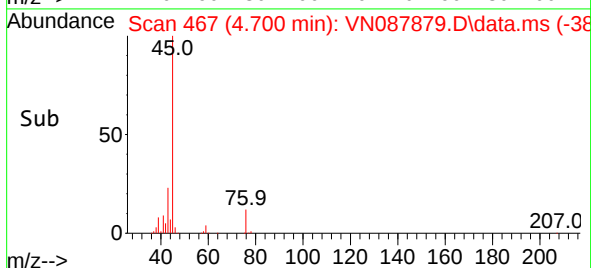
Reviewed By :John Carlone 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025

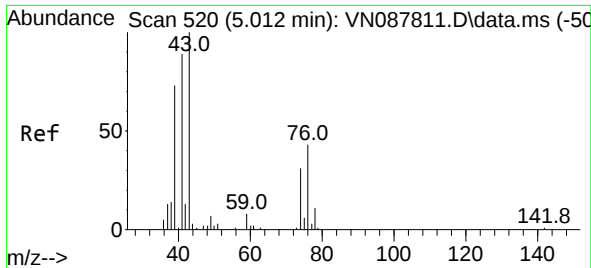


#16
Carbon Disulfide
Concen: 13.884 ug/l
RT: 4.700 min Scan# 467
Delta R.T. -0.006 min
Lab File: VN087879.D
Acq: 17 Sep 2025 14:57



Tgt Ion: 76 Resp: 104762
Ion Ratio Lower Upper
76 100
78 10.3 5.0 7.6#





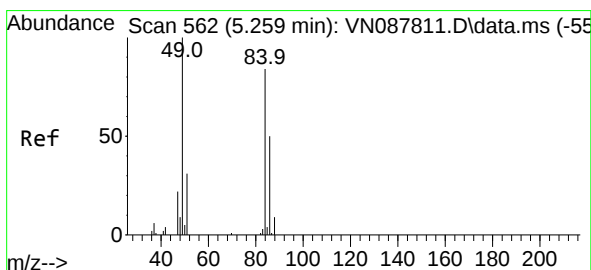
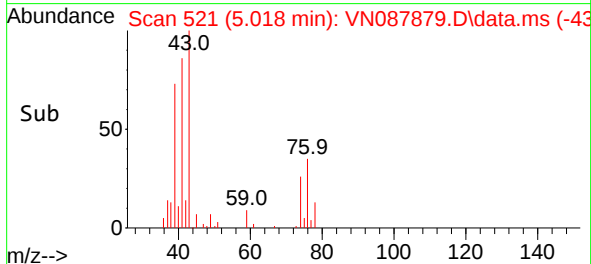
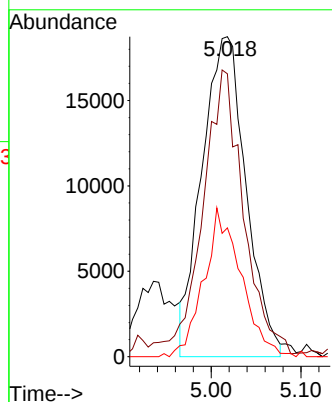
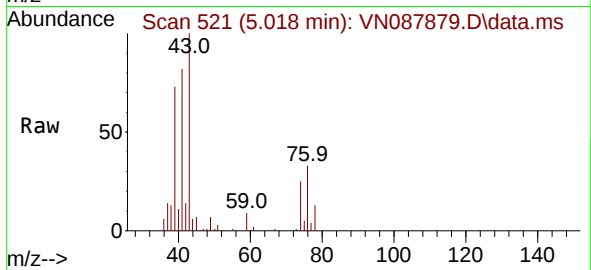
#17
 Allyl chloride
 Concen: 14.246 ug/l
 RT: 5.018 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VN087879.D
 Acq: 17 Sep 2025 14:57

Instrument :
 MSVOA_N
 ClientSampleId :
 EFF-WWMS

Tgt Ion: 41 Resp: 6394
 Ion Ratio Lower Upper
 41 100
 39 85.4 36.7 110.1
 76 40.8 18.3 54.8

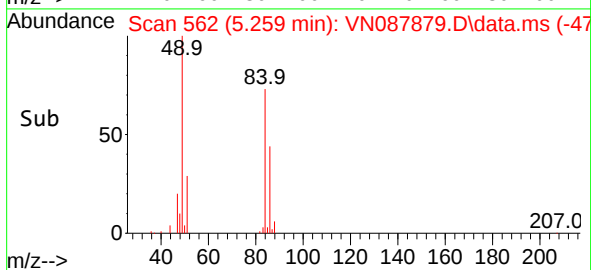
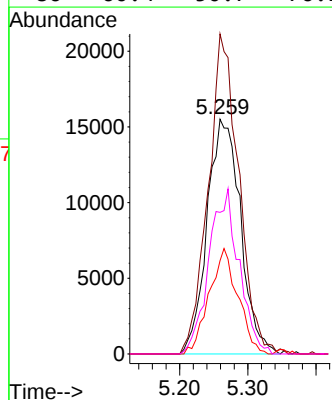
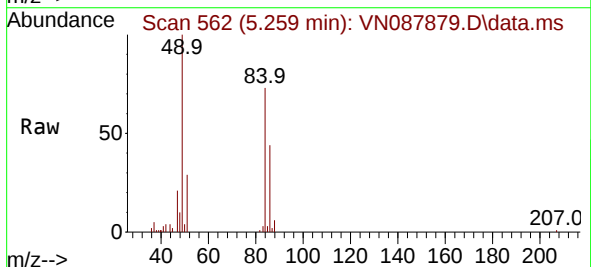
Manual Integrations
 APPROVED

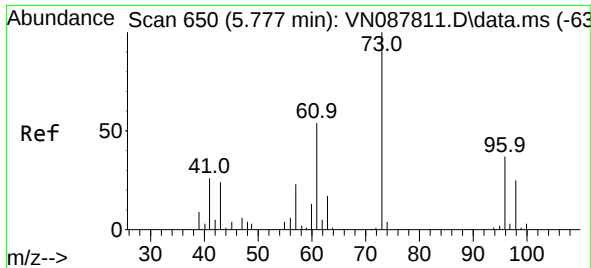
Reviewed By :John Carlone 09/18/2025
 Supervised By :Mahesh Dadoda 09/18/2025



#18
 Methylene Chloride
 Concen: 16.973 ug/l
 RT: 5.259 min Scan# 562
 Delta R.T. -0.006 min
 Lab File: VN087879.D
 Acq: 17 Sep 2025 14:57

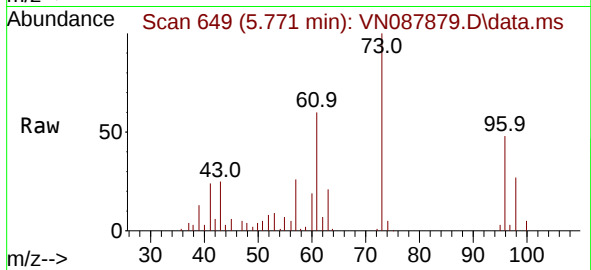
Tgt Ion: 84 Resp: 52838
 Ion Ratio Lower Upper
 84 100
 49 136.4 114.1 171.1
 51 39.8 30.2 45.4
 86 60.4 50.7 76.1





#19
trans-1,2-Dichloroethene
Concen: 17.160 ug/l
RT: 5.771 min Scan# 649
Delta R.T. -0.006 min
Lab File: VN087879.D
Acq: 17 Sep 2025 14:57

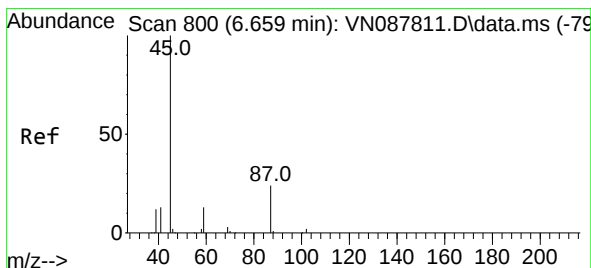
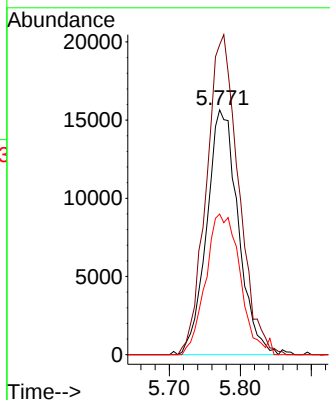
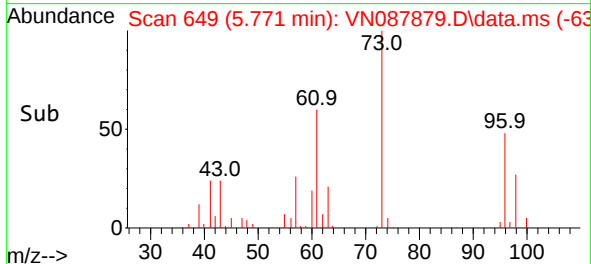
Instrument :
MSVOA_N
ClientSampleId :
EFF-WWMS



Tgt Ion: 96 Resp: 4809
Ion Ratio Lower Upper
96 100
61 126.6 106.4 159.6
98 57.5 48.9 73.3

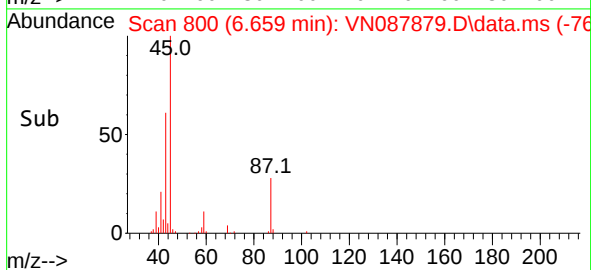
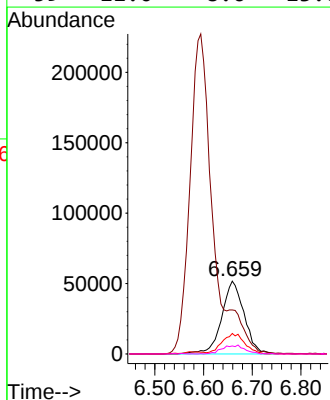
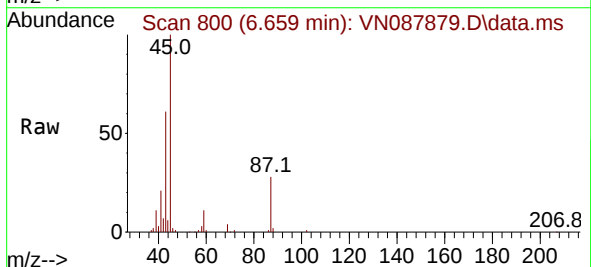
Manual Integrations
APPROVED

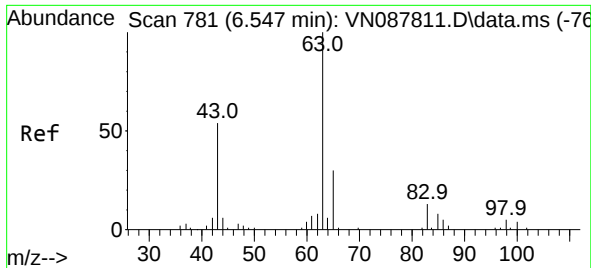
Reviewed By :John Carlone 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025



#20
Diisopropyl ether
Concen: 16.043 ug/l
RT: 6.659 min Scan# 800
Delta R.T. -0.000 min
Lab File: VN087879.D
Acq: 17 Sep 2025 14:57

Tgt Ion: 45 Resp: 165607
Ion Ratio Lower Upper
45 100
43 59.3 49.5 74.3
87 28.2 18.8 28.2#
59 11.0 8.6 13.0





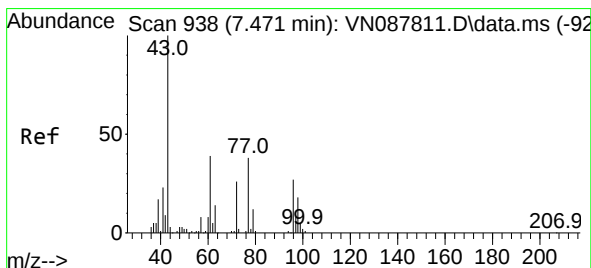
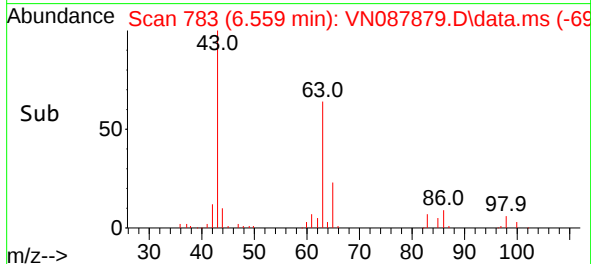
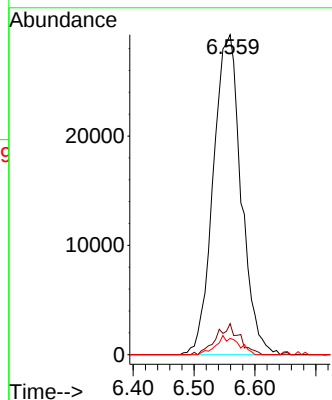
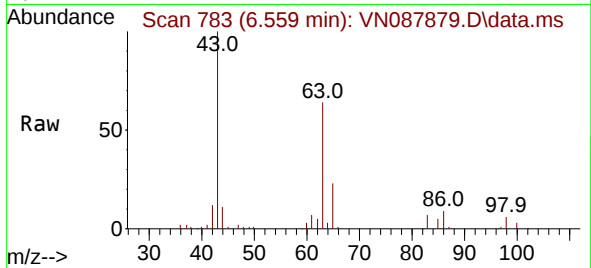
#21
1,1-Dichloroethane
Concen: 16.497 ug/l
RT: 6.559 min Scan# 71
Delta R.T. 0.006 min
Lab File: VN087879.D
Acq: 17 Sep 2025 14:57

Instrument :
MSVOA_N
ClientSampleId :
EFF-WWMS

Tgt Ion: 63 Resp: 9325
Ion Ratio Lower Upper
63 100
98 9.7 2.9 8.8
100 5.1 1.8 5.3

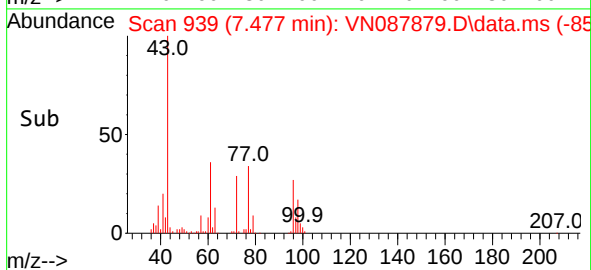
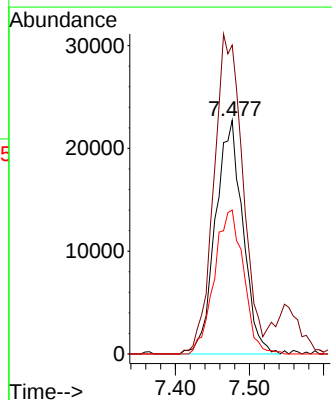
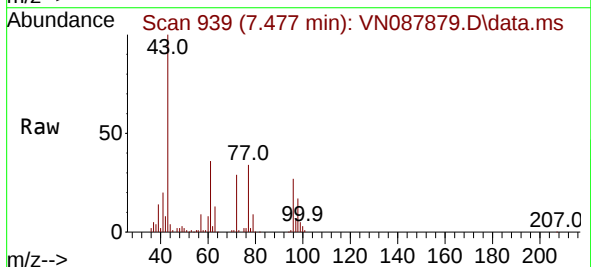
Manual Integrations
APPROVED

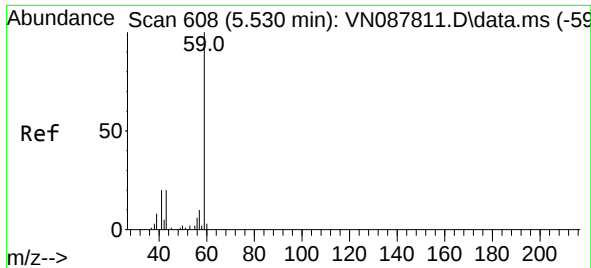
Reviewed By :John Carlone 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025



#22
cis-1,2-Dichloroethene
Concen: 17.137 ug/l
RT: 7.477 min Scan# 939
Delta R.T. 0.012 min
Lab File: VN087879.D
Acq: 17 Sep 2025 14:57

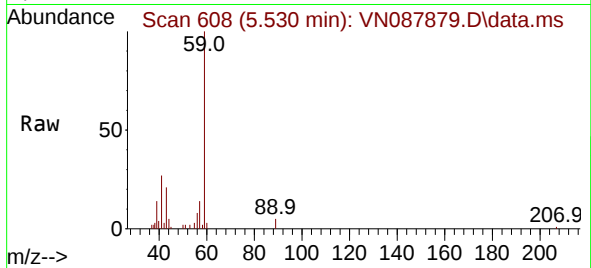
Tgt Ion: 96 Resp: 58302
Ion Ratio Lower Upper
96 100
61 143.9 118.2 177.2
98 65.6 51.6 77.4





#23
tert-Butyl Alcohol
Concen: 107.597 ug/l
RT: 5.530 min Scan# 608
Delta R.T. -0.000 min
Lab File: VN087879.D
Acq: 17 Sep 2025 14:57

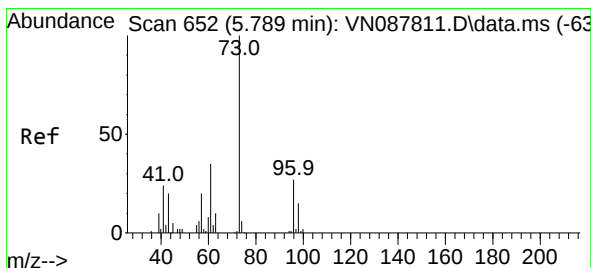
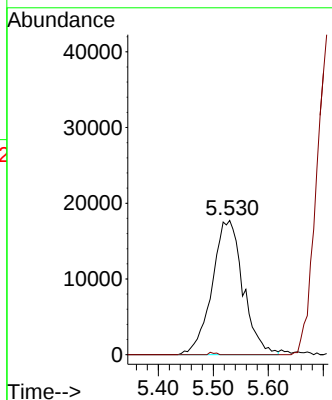
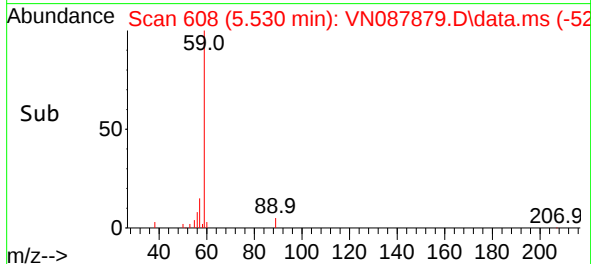
Instrument :
MSVOA_N
ClientSampleId :
EFF-WWMS



Tgt Ion: 59 Resp: 6935
Ion Ratio Lower Upper
59 100
52 0.4 0.0 0.0

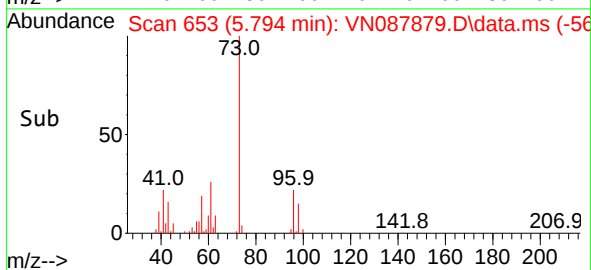
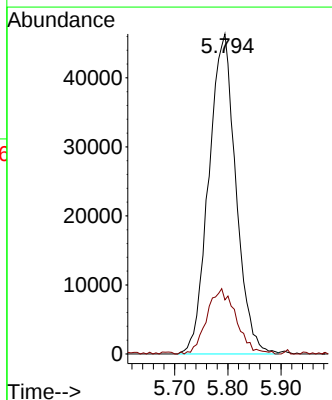
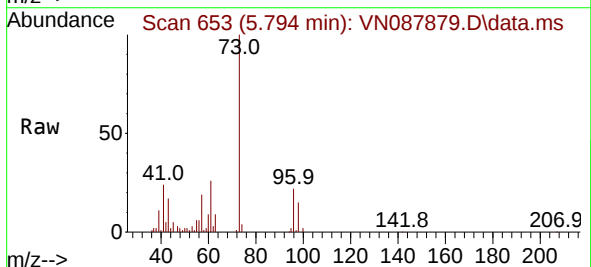
Manual Integrations
APPROVED

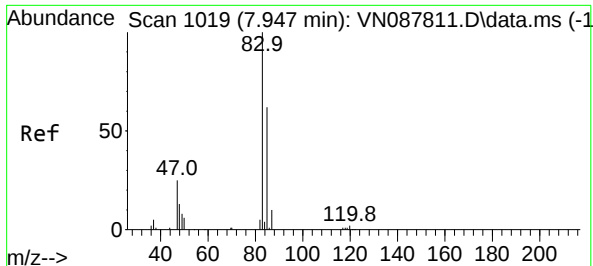
Reviewed By :John Carlone 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025



#24
Methyl tert-Butyl Ether
Concen: 16.711 ug/l
RT: 5.794 min Scan# 653
Delta R.T. 0.006 min
Lab File: VN087879.D
Acq: 17 Sep 2025 14:57

Tgt Ion: 73 Resp: 163958
Ion Ratio Lower Upper
73 100
43 21.5 16.8 25.2





#25

Chloroform

Concen: 21.980 ug/l

RT: 7.947 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VN087879.D

Acq: 17 Sep 2025 14:57

Instrument :

MSVOA_N

ClientSampleId :

EFF-WWMS

Tgt Ion: 83 Resp: 130054

Ion Ratio Lower Upper

83 100

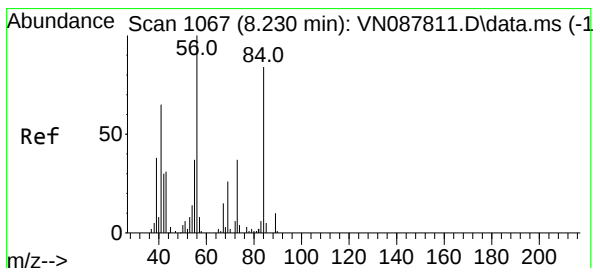
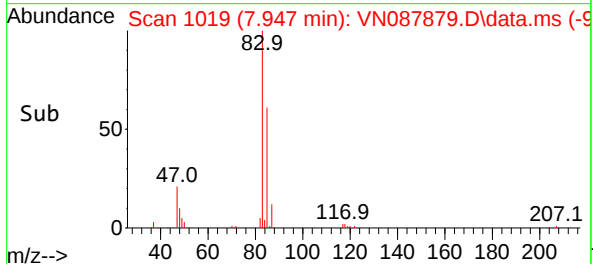
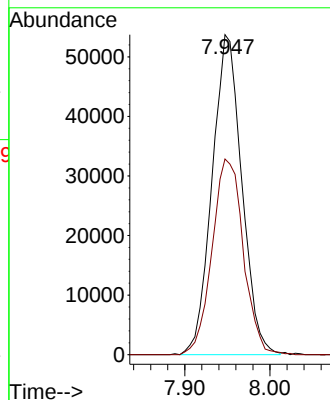
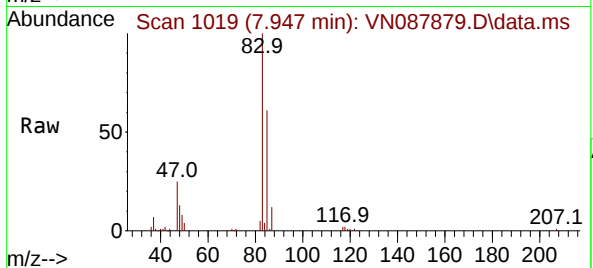
85 61.2 47.7 71.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2025

Supervised By :Mahesh Dadoda 09/18/2025



#26

Cyclohexane

Concen: 14.887 ug/l

RT: 8.235 min Scan# 1068

Delta R.T. -0.006 min

Lab File: VN087879.D

Acq: 17 Sep 2025 14:57

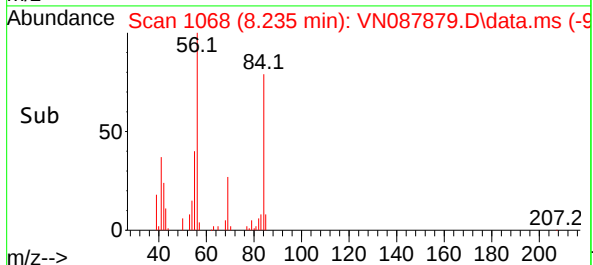
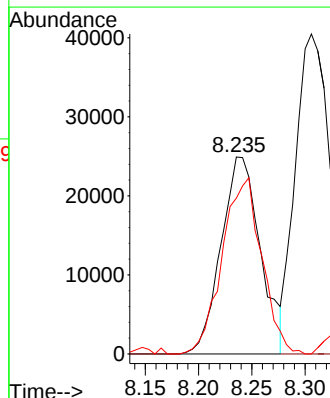
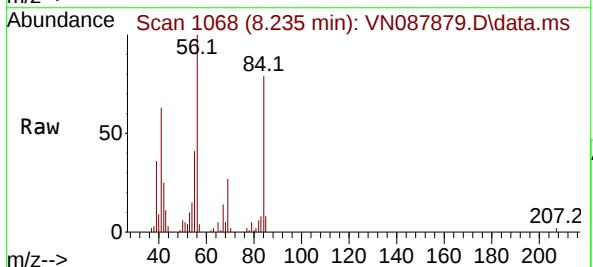
Tgt Ion: 56 Resp: 64088

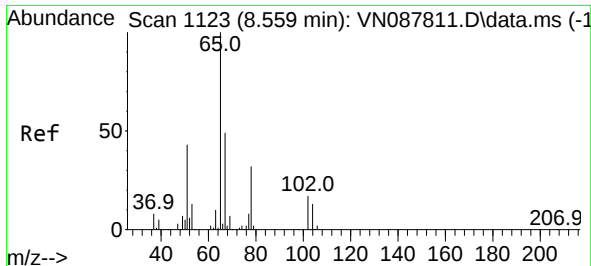
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

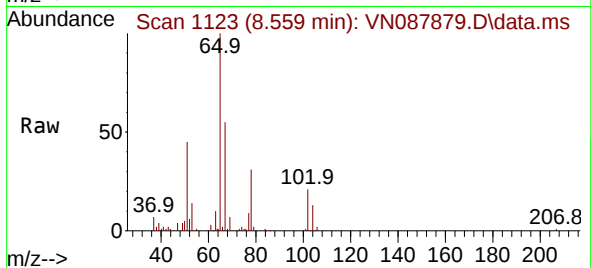
84 89.7 69.4 104.2





#27
1,2-Dichloroethane-d4
Concen: 28.103 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. -0.000 min
Lab File: VN087879.D
Acq: 17 Sep 2025 14:57

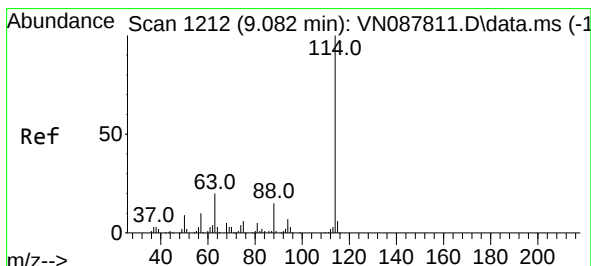
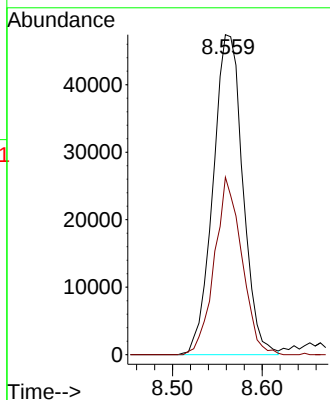
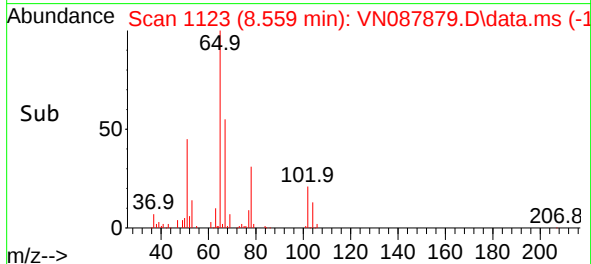
Instrument :
MSVOA_N
ClientSampleId :
EFF-WWMS



Tgt Ion: 65 Resp: 109280
Ion Ratio Lower Upper
65 100
67 51.0 39.6 59.4

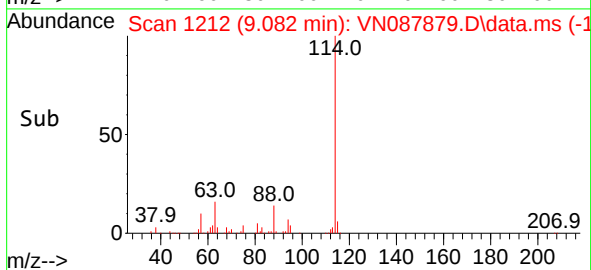
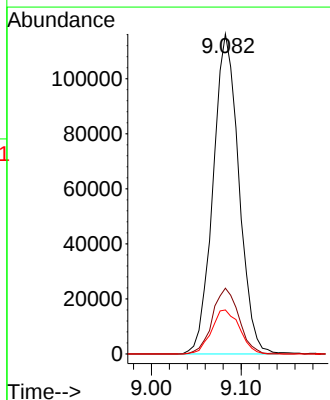
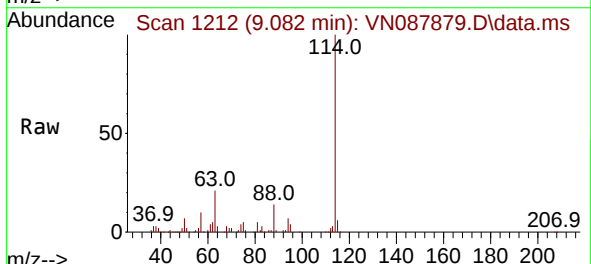
Manual Integrations
APPROVED

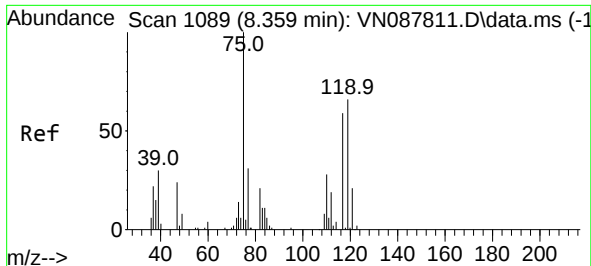
Reviewed By :John Carlone 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.082 min Scan# 1212
Delta R.T. -0.000 min
Lab File: VN087879.D
Acq: 17 Sep 2025 14:57

Tgt Ion:114 Resp: 232070
Ion Ratio Lower Upper
114 100
63 21.0 18.3 27.5
88 14.9 12.4 18.6





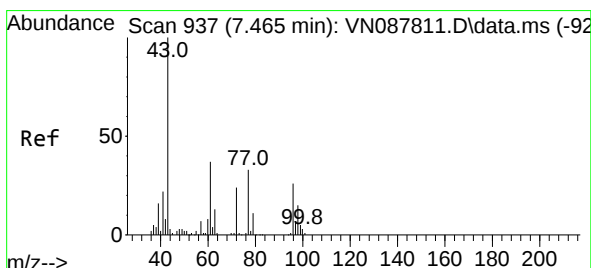
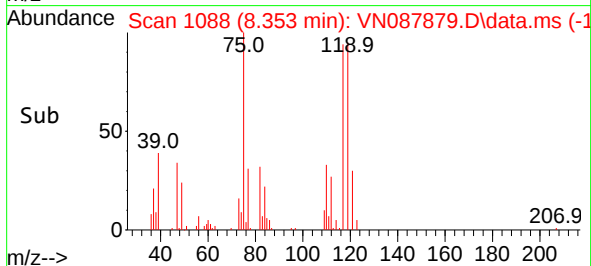
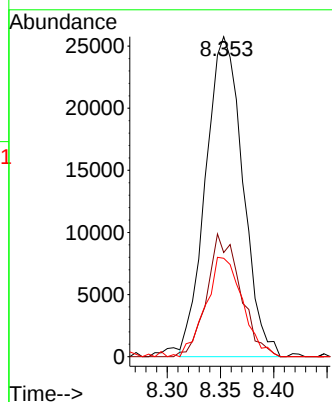
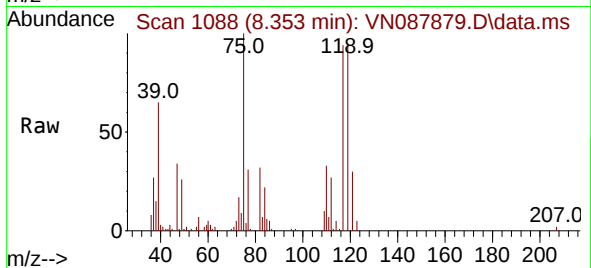
#29
1,1-Dichloropropene
Concen: 16.545 ug/l
RT: 8.353 min Scan# 1088
Delta R.T. -0.000 min
Lab File: VN087879.D
Acq: 17 Sep 2025 14:57

Instrument :
MSVOA_N
ClientSampleId :
EFF-WWMS

Tgt Ion: 75 Resp: 6240
Ion Ratio Lower Upper
75 100
110 34.6 0.0 64.4
77 30.6 0.0 62.2

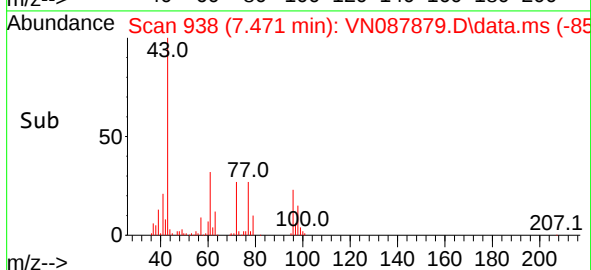
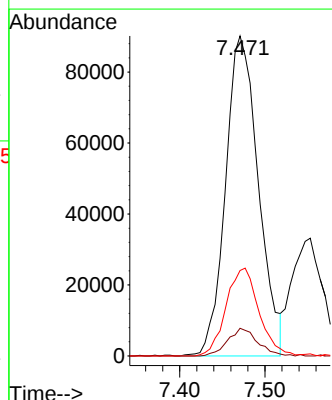
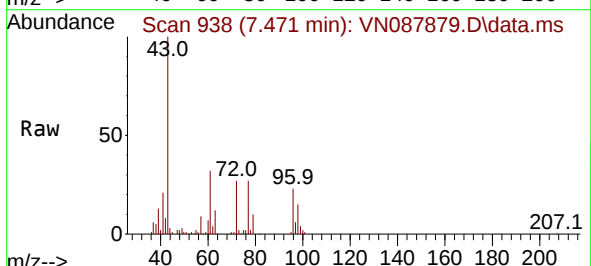
Manual Integrations
APPROVED

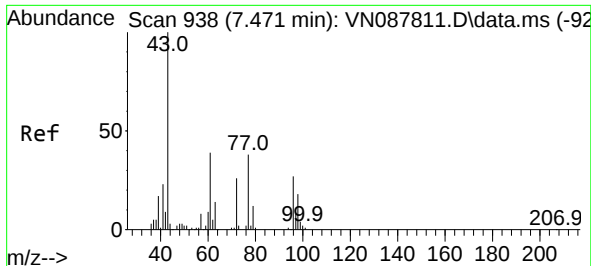
Reviewed By :John Carlone 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025



#30
2-Butanone
Concen: 93.069 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.000 min
Lab File: VN087879.D
Acq: 17 Sep 2025 14:57

Tgt Ion: 43 Resp: 241803
Ion Ratio Lower Upper
43 100
57 7.9 6.3 9.5
72 27.3 21.4 32.2





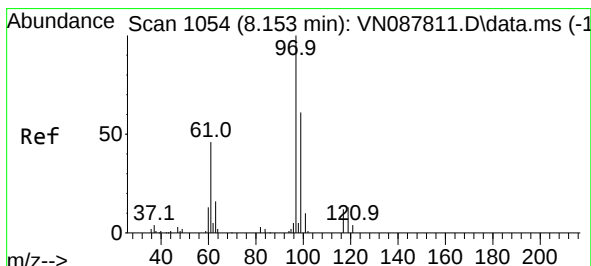
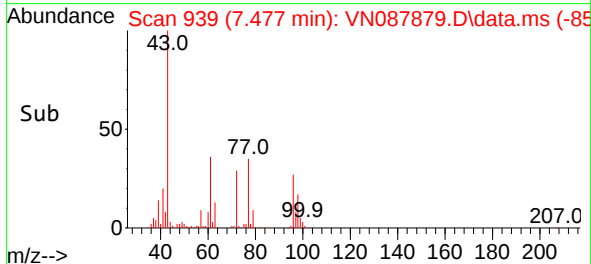
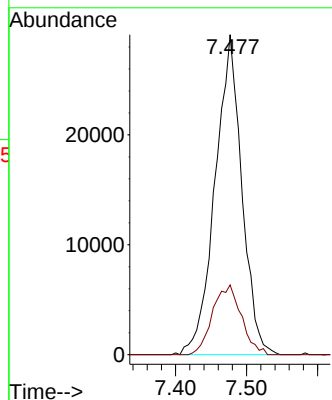
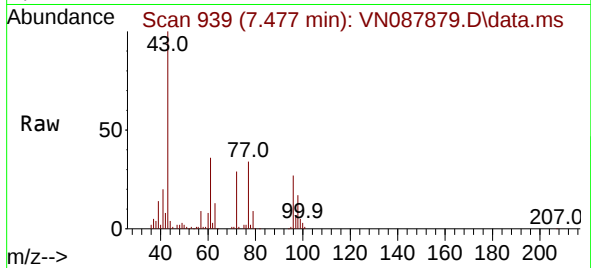
#31
2,2-Dichloropropane
Concen: 16.735 ug/l
RT: 7.477 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN087879.D
Acq: 17 Sep 2025 14:57

Instrument :
MSVOA_N
ClientSampleId :
EFF-WWMS

Tgt Ion: 77 Resp: 7608
Ion Ratio Lower Upper
77 100
97 23.4 17.1 25.7

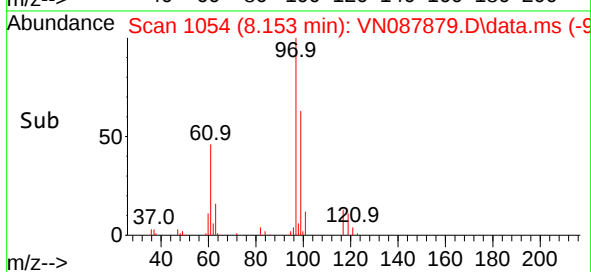
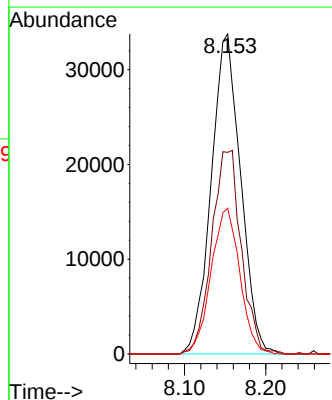
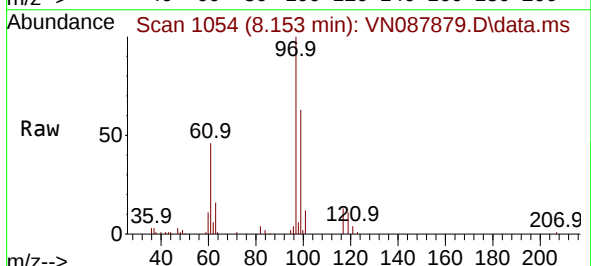
Manual Integrations
APPROVED

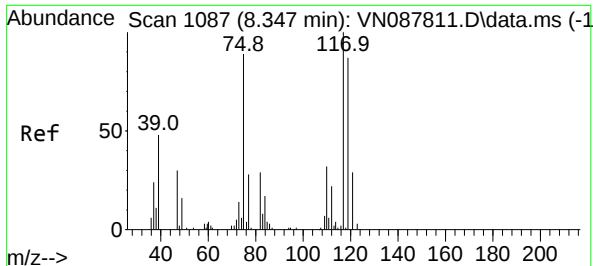
Reviewed By :John Carlone 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025



#32
1,1,1-Trichloroethane
Concen: 17.808 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. -0.000 min
Lab File: VN087879.D
Acq: 17 Sep 2025 14:57

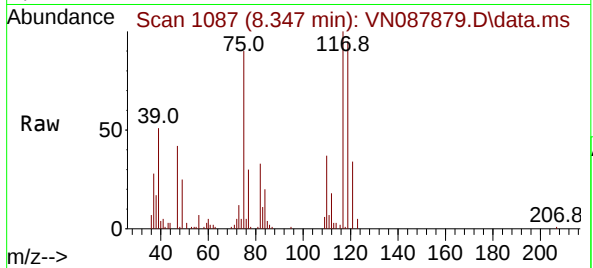
Tgt Ion: 97 Resp: 85149
Ion Ratio Lower Upper
97 100
99 63.5 52.2 78.4
61 44.6 37.9 56.9





#33
Carbon Tetrachloride
Concen: 17.431 ug/l
RT: 8.347 min Scan# 1087
Delta R.T. 0.006 min
Lab File: VN087879.D
Acq: 17 Sep 2025 14:57

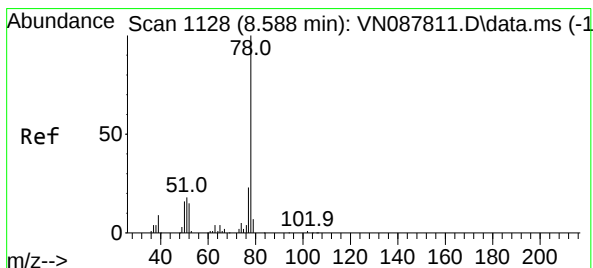
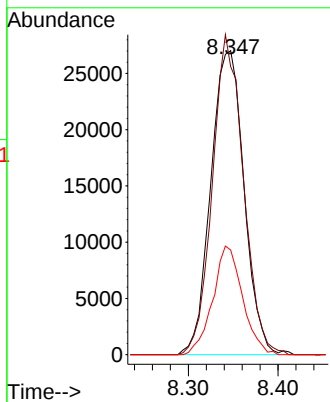
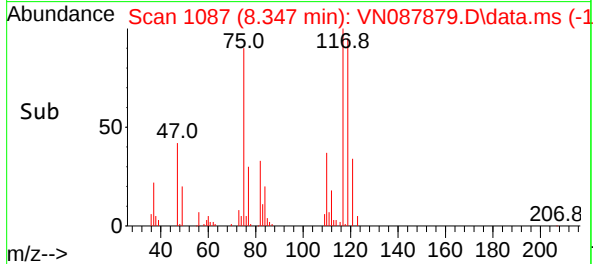
Instrument :
MSVOA_N
ClientSampleId :
EFF-WWMS



Tgt Ion:117 Resp: 69494
Ion Ratio Lower Upper
117 100
119 94.7 77.3 115.9
121 34.4 26.6 39.8

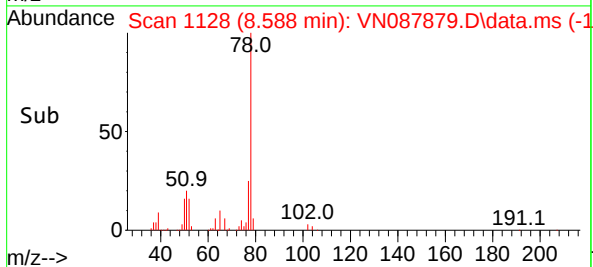
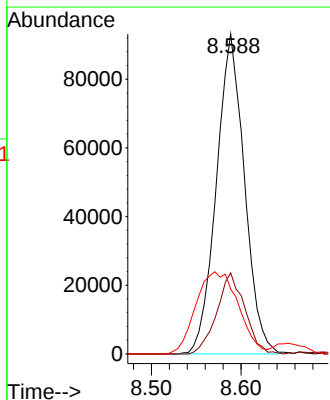
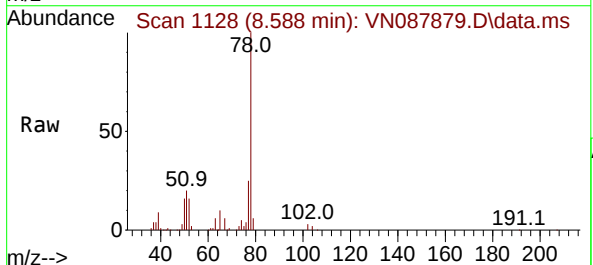
Manual Integrations
APPROVED

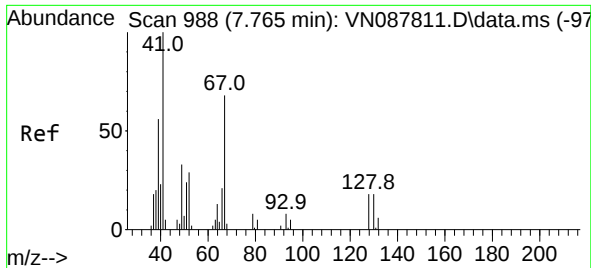
Reviewed By :John Carlone 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025



#34
Benzene
Concen: 16.599 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VN087879.D
Acq: 17 Sep 2025 14:57

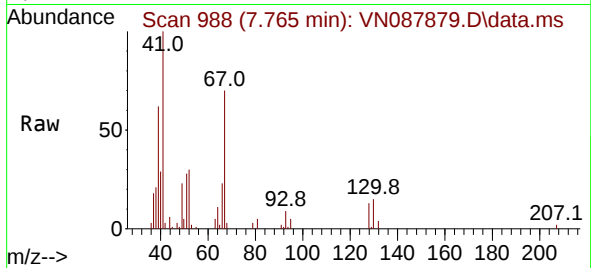
Tgt Ion: 78 Resp: 202328
Ion Ratio Lower Upper
78 100
77 25.4 20.3 30.5
51 18.5 18.0 27.0





#35
Methacrylonitrile
Concen: 17.419 ug/l
RT: 7.765 min Scan# 911
Delta R.T. -0.000 min
Lab File: VN087879.D
Acq: 17 Sep 2025 14:57

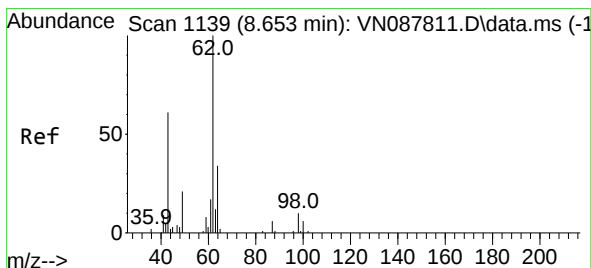
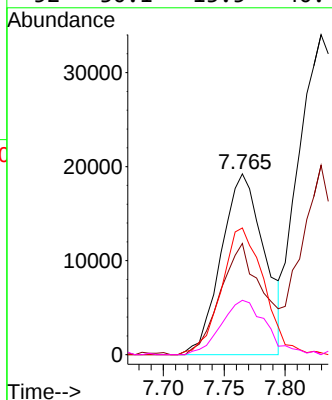
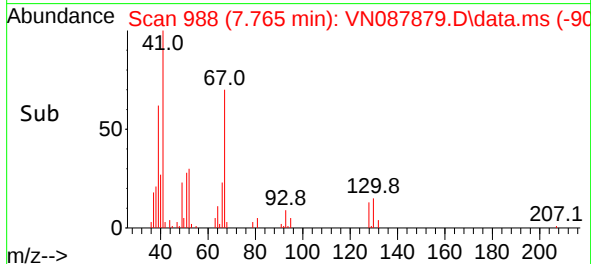
Instrument :
MSVOA_N
ClientSampleId :
EFF-WWMS



Tgt Ion: 41 Resp: 4733
Ion Ratio Lower Upper
41 100
39 61.6 27.1 81.2
67 70.1 32.1 96.5
52 30.1 13.5 40.4

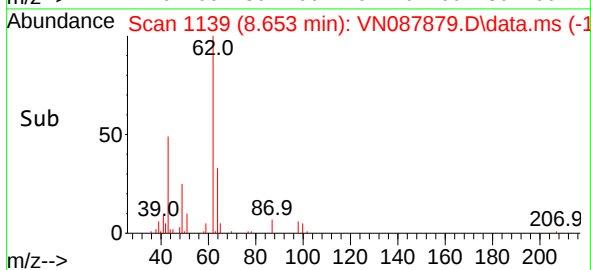
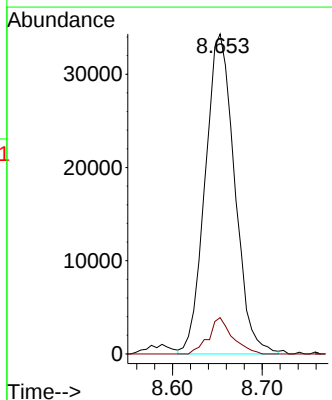
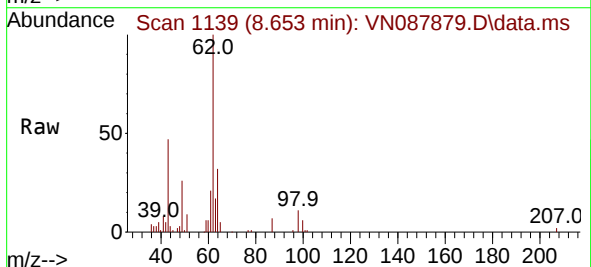
Manual Integrations
APPROVED

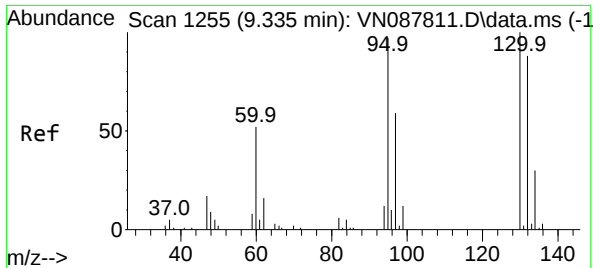
Reviewed By :John Carlone 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025



#36
1,2-Dichloroethane
Concen: 16.983 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. -0.000 min
Lab File: VN087879.D
Acq: 17 Sep 2025 14:57

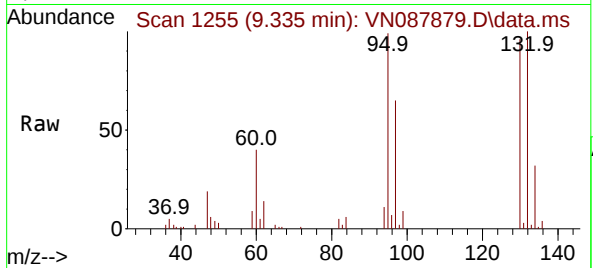
Tgt Ion: 62 Resp: 78195
Ion Ratio Lower Upper
62 100
98 9.2 7.2 10.8





#37
Trichloroethene
Concen: 17.465 ug/l
RT: 9.335 min Scan# 1255
Delta R.T. -0.000 min
Lab File: VN087879.D
Acq: 17 Sep 2025 14:57

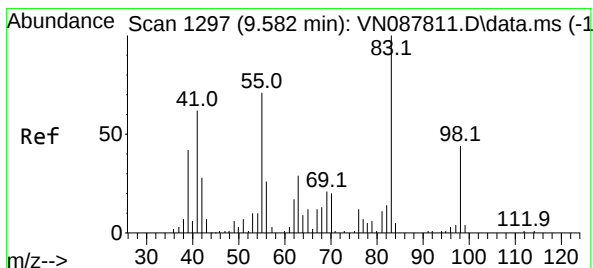
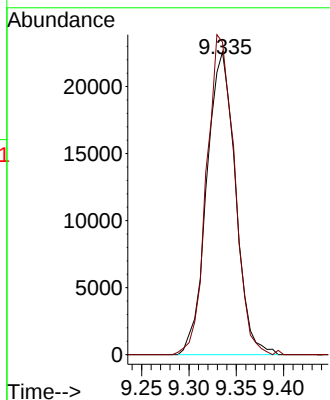
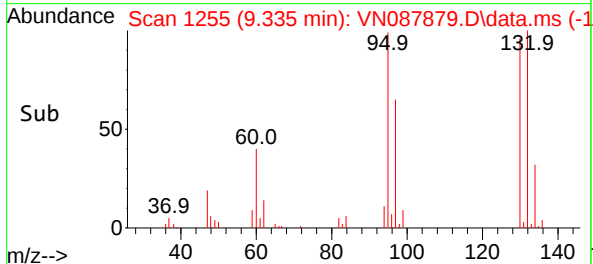
Instrument :
MSVOA_N
ClientSampleId :
EFF-WWMS



Tgt Ion:130 Resp: 47588
Ion Ratio Lower Upper
130 100
95 102.4 82.7 124.1

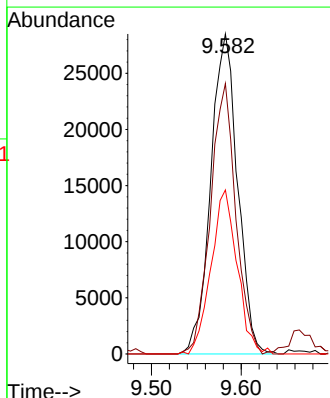
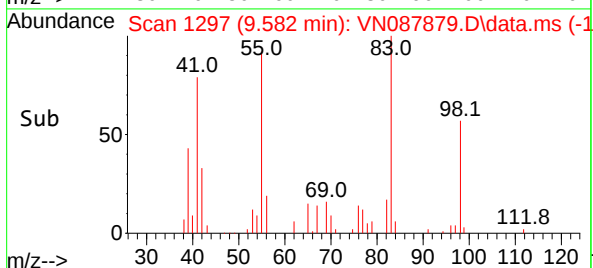
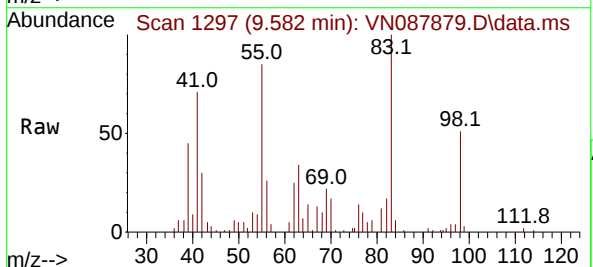
Manual Integrations
APPROVED

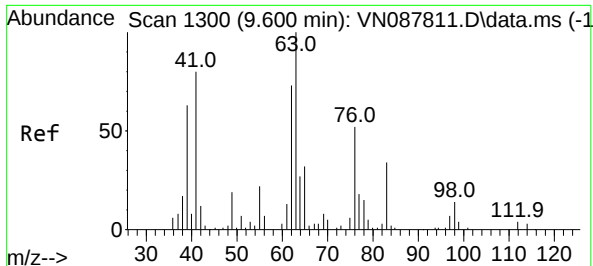
Reviewed By :John Carlone 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025



#38
Methylcyclohexane
Concen: 14.287 ug/l
RT: 9.582 min Scan# 1297
Delta R.T. -0.000 min
Lab File: VN087879.D
Acq: 17 Sep 2025 14:57

Tgt Ion: 83 Resp: 59332
Ion Ratio Lower Upper
83 100
55 79.8 40.4 121.1
98 49.4 24.0 72.0





#39

1,2-Dichloropropane

Concen: 17.074 ug/l

RT: 9.600 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN087879.D

Acq: 17 Sep 2025 14:57

Instrument :

MSVOA_N

ClientSampleId :

EFF-WWMS

Tgt Ion: 63 Resp: 53304

Ion Ratio Lower Upper

63 100

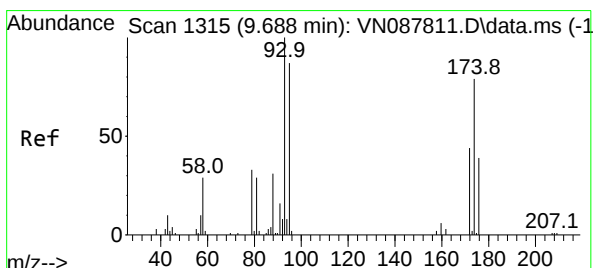
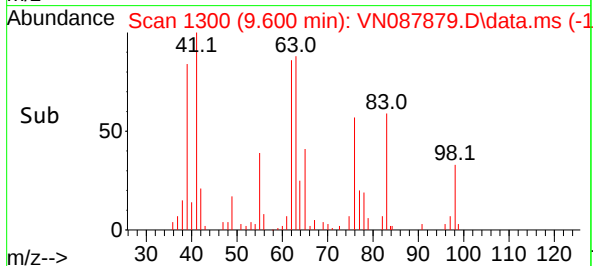
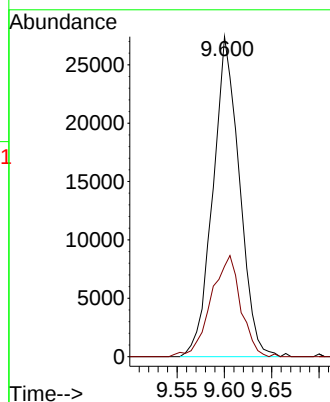
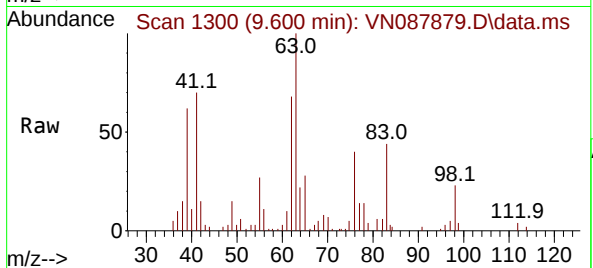
65 28.3 24.1 36.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2025

Supervised By :Mahesh Dadoda 09/18/2025



#40

Dibromomethane

Concen: 17.322 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. -0.000 min

Lab File: VN087879.D

Acq: 17 Sep 2025 14:57

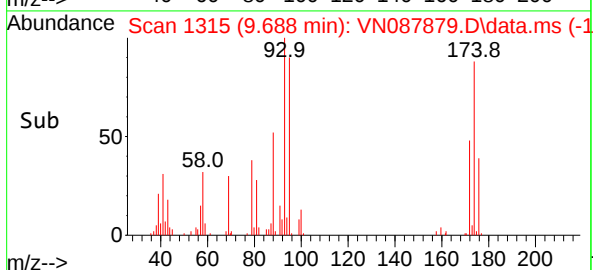
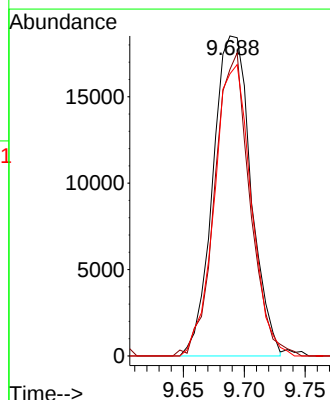
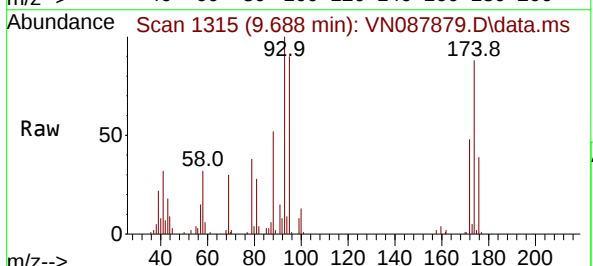
Tgt Ion: 93 Resp: 40244

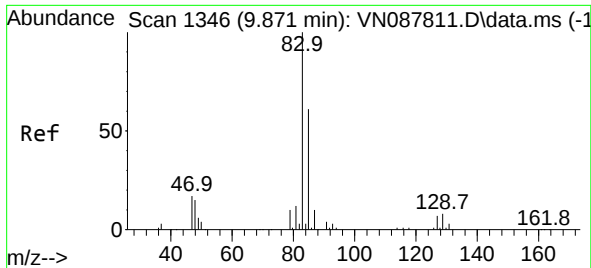
Ion Ratio Lower Upper

93 100

95 87.0 0.0 168.4

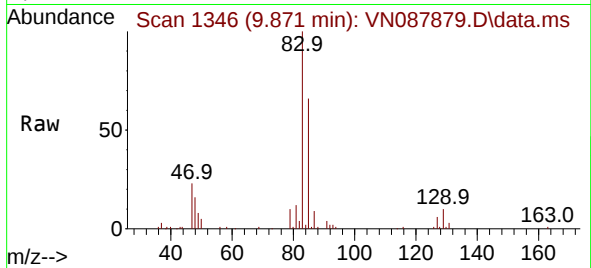
174 87.9 0.0 162.8





#41
Bromodichloromethane
Concen: 17.768 ug/l
RT: 9.871 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087879.D
Acq: 17 Sep 2025 14:57

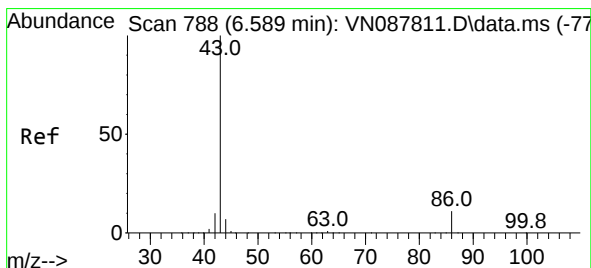
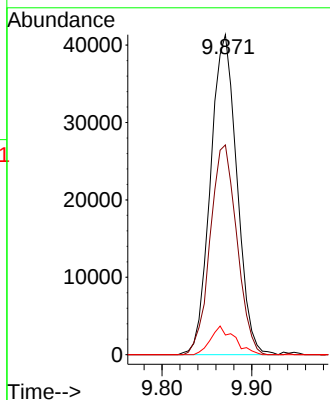
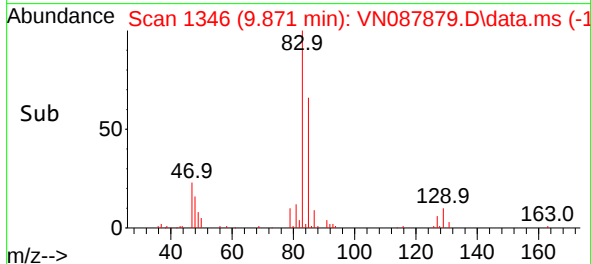
Instrument :
MSVOA_N
ClientSampleId :
EFF-WWMS



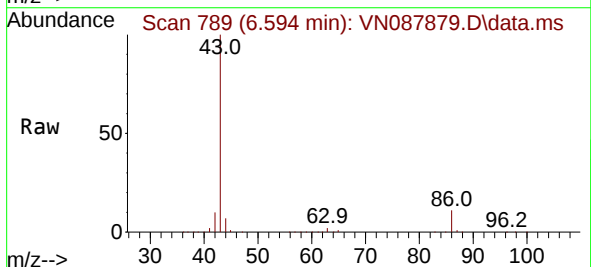
Tgt Ion: 83 Resp: 8437
Ion Ratio Lower Upper
83 100
85 65.6 47.3 70.9
127 6.1 5.2 7.8

Manual Integrations
APPROVED

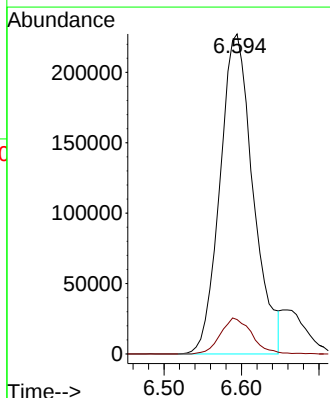
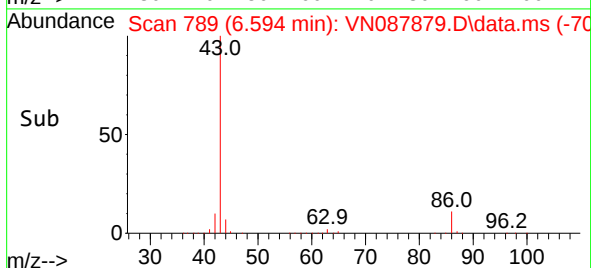
Reviewed By :John Carlone 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025

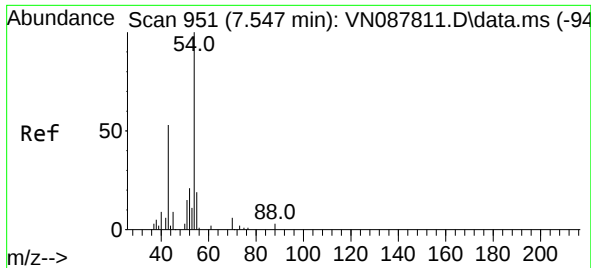


#42
Vinyl Acetate
Concen: 78.020 ug/l
RT: 6.594 min Scan# 789
Delta R.T. 0.006 min
Lab File: VN087879.D
Acq: 17 Sep 2025 14:57



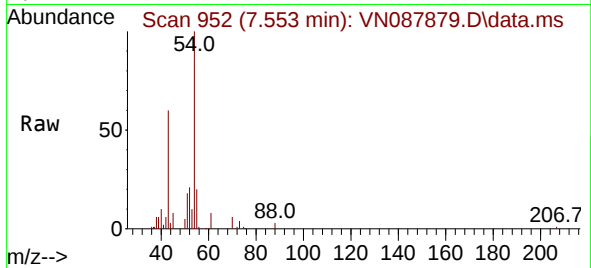
Tgt Ion: 43 Resp: 677278
Ion Ratio Lower Upper
43 100
86 10.6 7.7 11.5





#43
Ethyl Acetate
Concen: 15.746 ug/l
RT: 7.553 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN087879.D
Acq: 17 Sep 2025 14:57

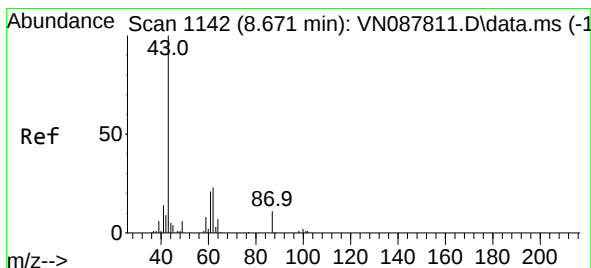
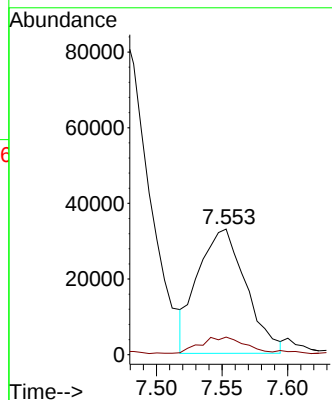
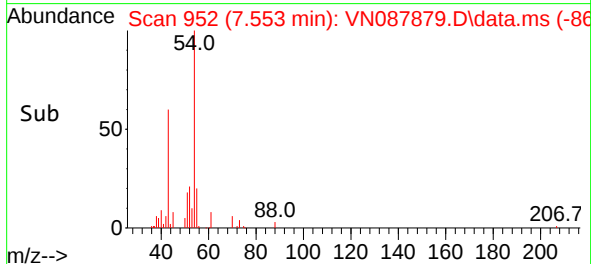
Instrument :
MSVOA_N
ClientSampleId :
EFF-WWMS



Tgt Ion: 43 Resp: 8358
Ion Ratio Lower Upper
43 100
45 5.7 10.5 15.7

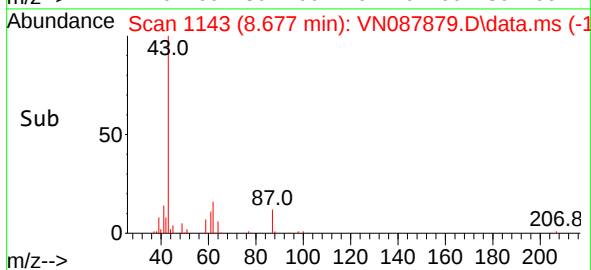
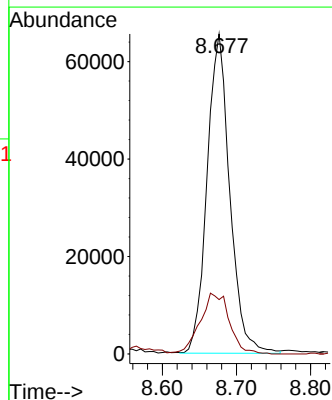
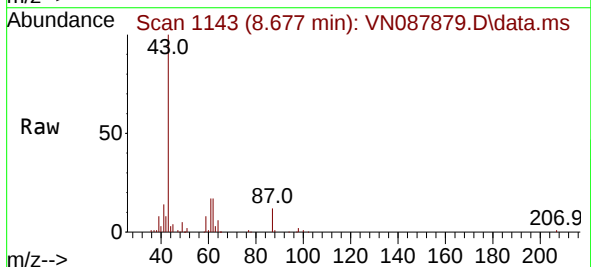
Manual Integrations
APPROVED

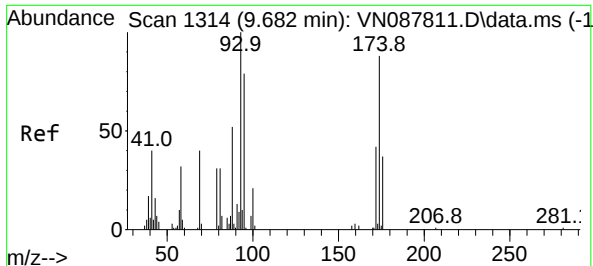
Reviewed By :John Carlone 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025



#44
Isopropyl Acetate
Concen: 16.769 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN087879.D
Acq: 17 Sep 2025 14:57

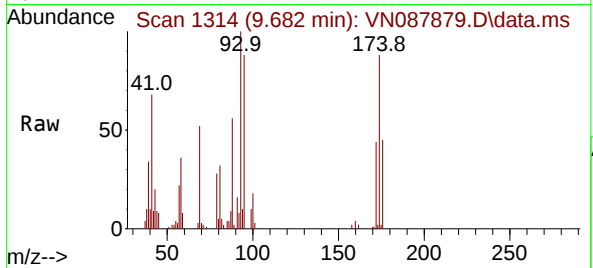
Tgt Ion: 43 Resp: 139543
Ion Ratio Lower Upper
43 100
61 15.9 19.5 29.3





#45
1,4-Dioxane
Concen: 419.008 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.006 min
Lab File: VN087879.D
Acq: 17 Sep 2025 14:57

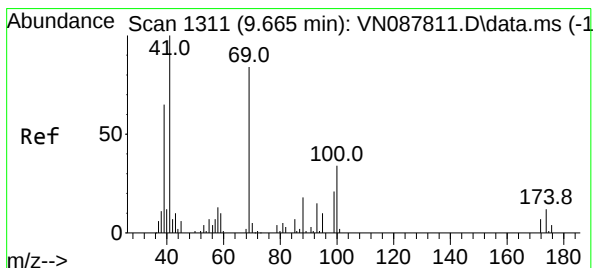
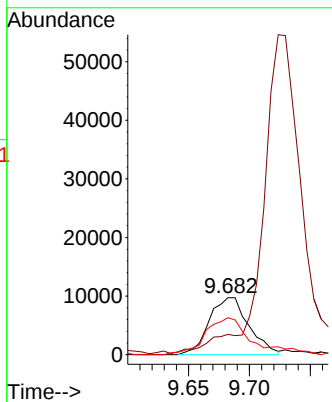
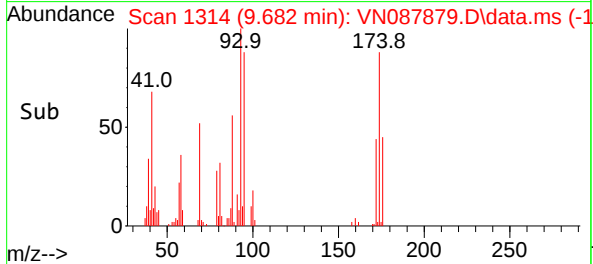
Instrument :
MSVOA_N
ClientSampleId :
EFF-WWMS



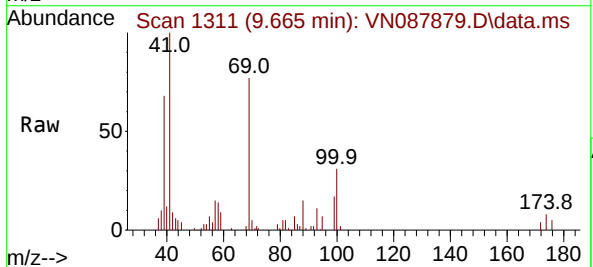
Tgt Ion: 88 Resp: 21989
Ion Ratio Lower Upper
88 100
43 26.7 23.6 35.4
58 65.9 60.5 90.7

Manual Integrations
APPROVED

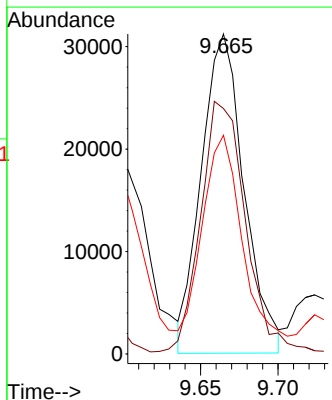
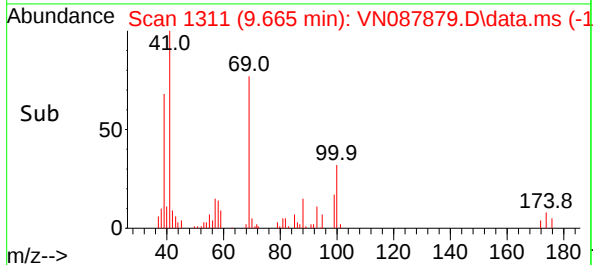
Reviewed By :John Carlone 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025

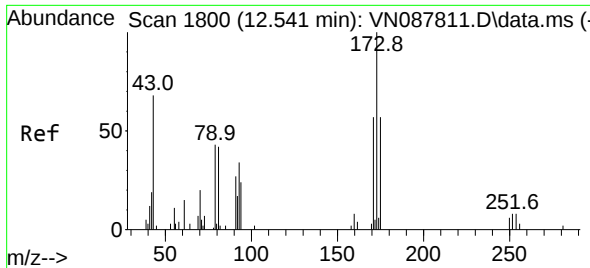


#46
Methyl methacrylate
Concen: 15.583 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. -0.000 min
Lab File: VN087879.D
Acq: 17 Sep 2025 14:57



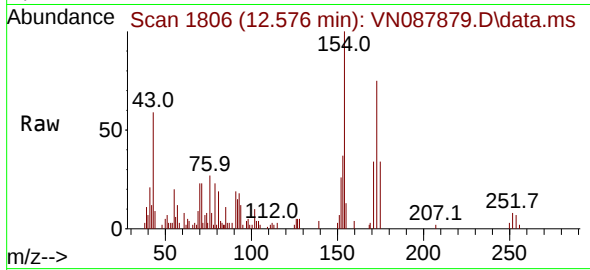
Tgt Ion: 41 Resp: 59773
Ion Ratio Lower Upper
41 100
69 78.5 40.3 120.9
39 66.1 31.9 95.9





#47
n-amy1 Acetate
Concen: 17.344 ug/l m
RT: 12.576 min Scan# 11
Delta R.T. -0.094 min
Lab File: VN087879.D
Acq: 17 Sep 2025 14:57

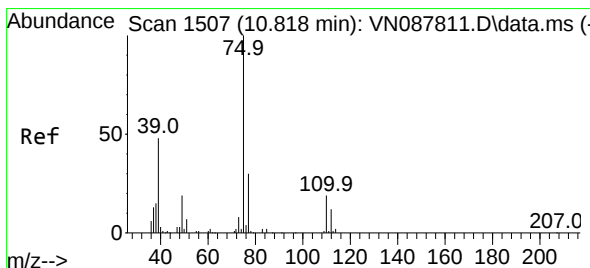
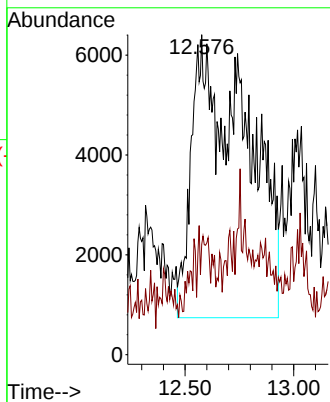
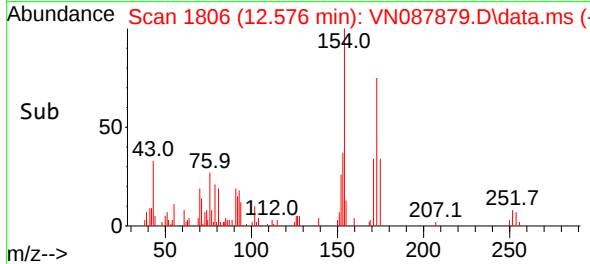
Instrument :
MSVOA_N
ClientSampleId :
EFF-WWMS



Tgt Ion: 43 Resp: 97534
Ion Ratio Lower Upper
43 100
55 0.8 0.7 1.1

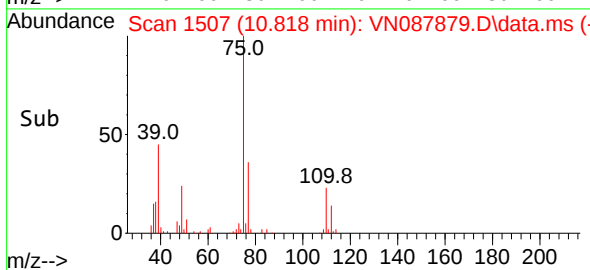
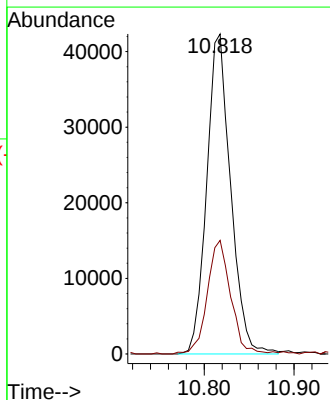
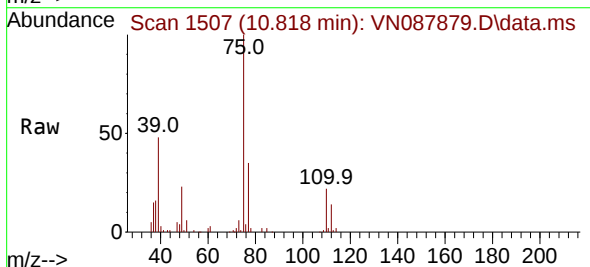
Manual Integrations
APPROVED

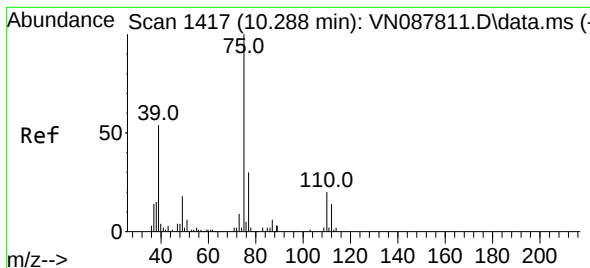
Reviewed By :John Carlone 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025



#48
t-1,3-Dichloropropene
Concen: 15.888 ug/l
RT: 10.818 min Scan# 1507
Delta R.T. -0.000 min
Lab File: VN087879.D
Acq: 17 Sep 2025 14:57

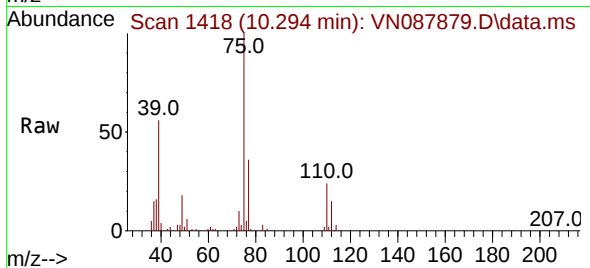
Tgt Ion: 75 Resp: 78360
Ion Ratio Lower Upper
75 100
77 35.1 24.7 37.1





#49
 cis-1,3-Dichloropropene
 Concen: 15.418 ug/l
 RT: 10.294 min Scan# 1418
 Delta R.T. 0.006 min
 Lab File: VN087879.D
 Acq: 17 Sep 2025 14:57

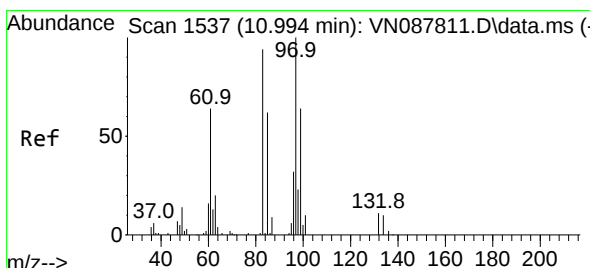
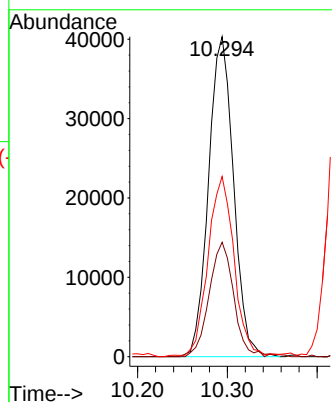
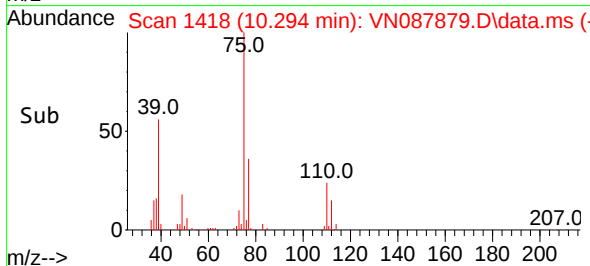
Instrument :
 MSVOA_N
 ClientSampleId :
 EFF-WWMS



Tgt Ion: 75 Resp: 77884
 Ion Ratio Lower Upper
 75 100
 77 35.7 27.8 41.6
 39 55.9 47.6 71.4

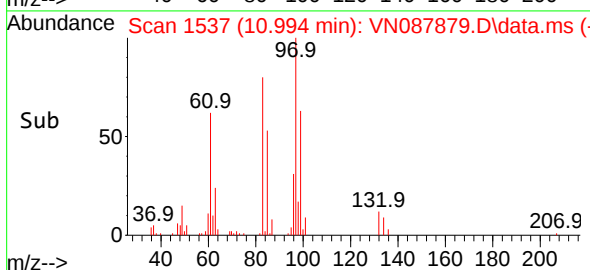
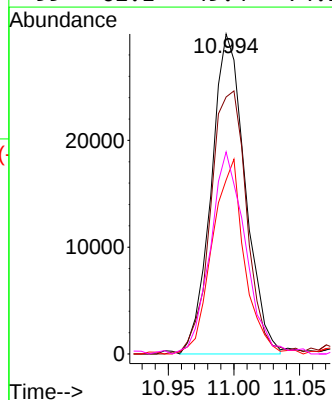
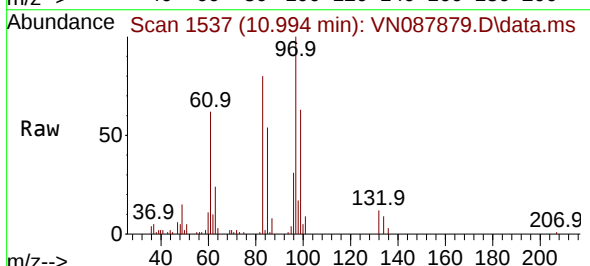
Manual Integrations
 APPROVED

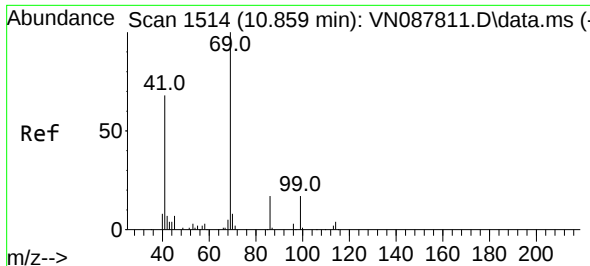
Reviewed By :John Carlone 09/18/2025
 Supervised By :Mahesh Dadoda 09/18/2025



#50
 1,1,2-Trichloroethane
 Concen: 17.985 ug/l
 RT: 10.994 min Scan# 1537
 Delta R.T. -0.000 min
 Lab File: VN087879.D
 Acq: 17 Sep 2025 14:57

Tgt Ion: 97 Resp: 53970
 Ion Ratio Lower Upper
 97 100
 83 79.7 70.5 105.7
 85 53.5 46.3 69.5
 99 62.1 49.4 74.2





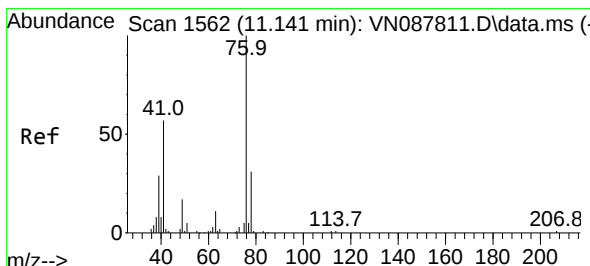
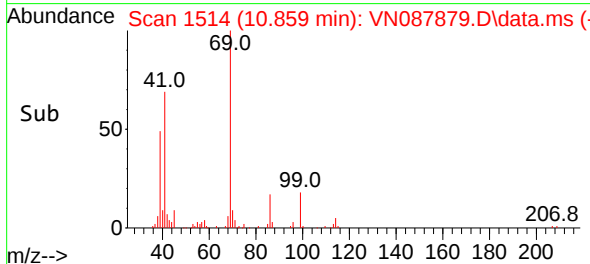
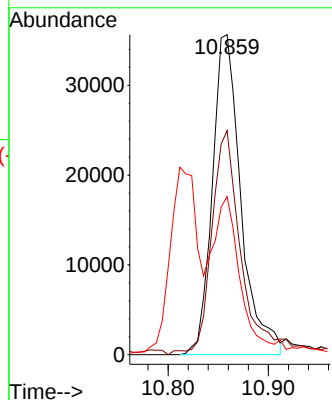
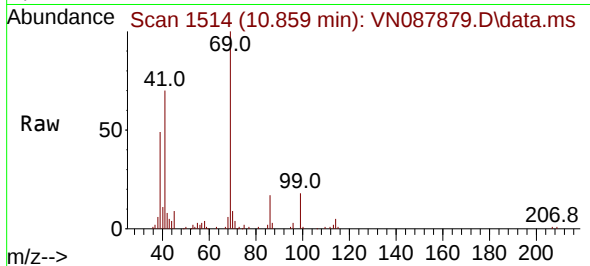
#51
Ethyl methacrylate
Concen: 15.109 ug/l
RT: 10.859 min Scan# 1514
Delta R.T. 0.006 min
Lab File: VN087879.D
Acq: 17 Sep 2025 14:57

Instrument :
MSVOA_N
ClientSampleId :
EFF-WWMS

Tgt Ion: 69 Resp: 70558
Ion Ratio Lower Upper
69 100
41 68.8 33.7 101.0
39 44.8 20.3 60.9

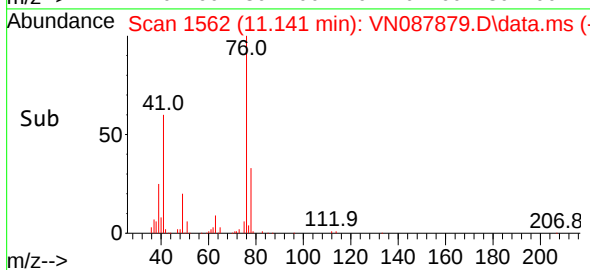
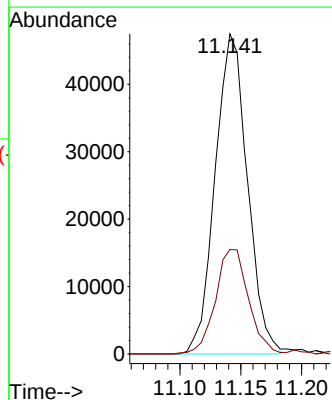
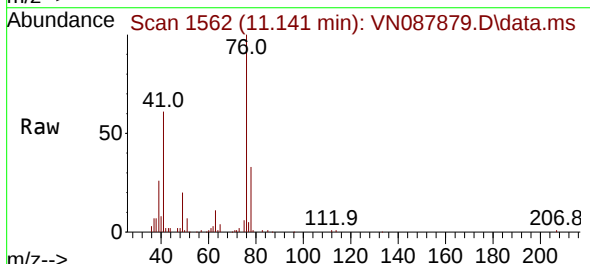
Manual Integrations
APPROVED

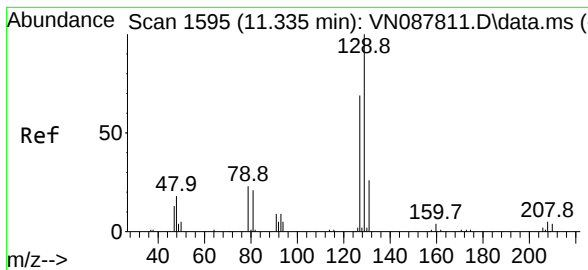
Reviewed By :John Carlone 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025



#52
1,3-Dichloropropane
Concen: 16.798 ug/l
RT: 11.141 min Scan# 1562
Delta R.T. -0.000 min
Lab File: VN087879.D
Acq: 17 Sep 2025 14:57

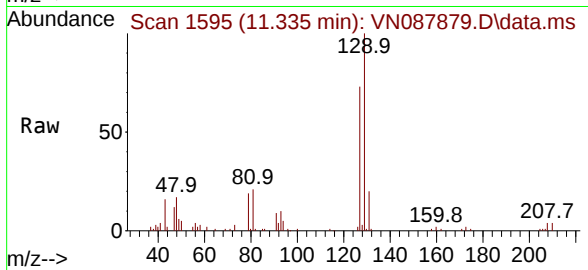
Tgt Ion: 76 Resp: 87531
Ion Ratio Lower Upper
76 100
78 33.4 0.0 65.2





#53
Dibromochloromethane
Concen: 18.581 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. -0.000 min
Lab File: VN087879.D
Acq: 17 Sep 2025 14:57

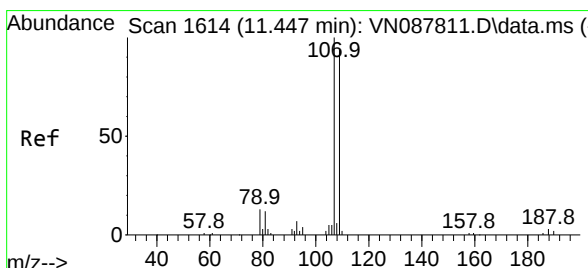
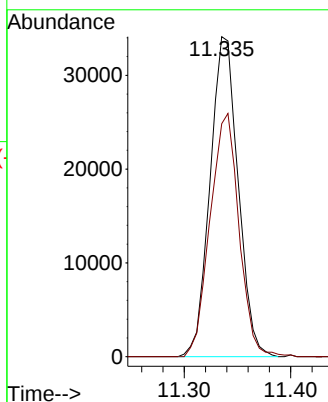
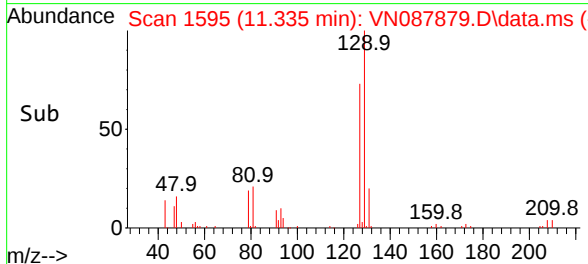
Instrument :
MSVOA_N
ClientSampleId :
EFF-WWMS



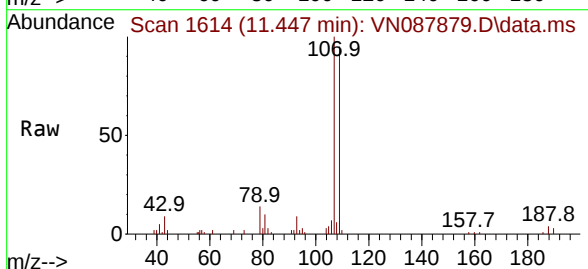
Tgt Ion:129 Resp: 62518
Ion Ratio Lower Upper
129 100
127 78.1 42.6 128.0

Manual Integrations
APPROVED

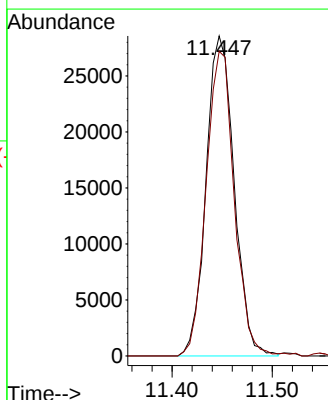
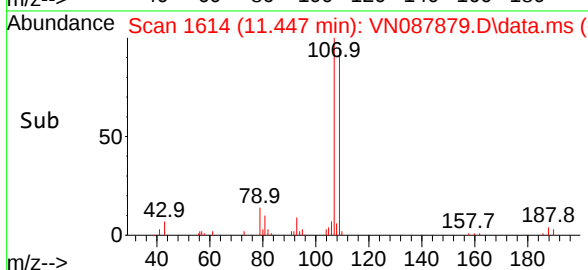
Reviewed By :John Carlone 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025

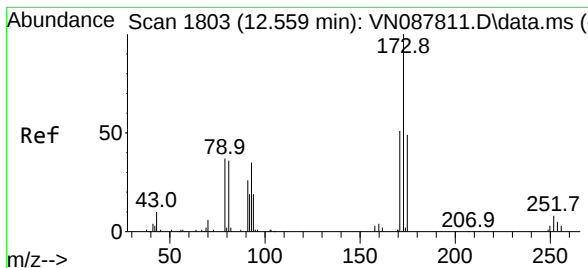


#54
1,2-Dibromoethane
Concen: 17.840 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VN087879.D
Acq: 17 Sep 2025 14:57



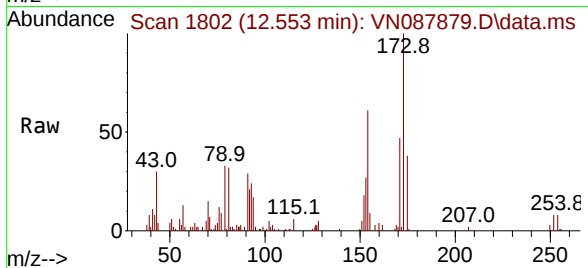
Tgt Ion:107 Resp: 55705
Ion Ratio Lower Upper
107 100
109 95.0 74.6 112.0





#56
Bromoform
Concen: 18.279 ug/l
RT: 12.553 min Scan# 1802
Delta R.T. -0.006 min
Lab File: VN087879.D
Acq: 17 Sep 2025 14:57

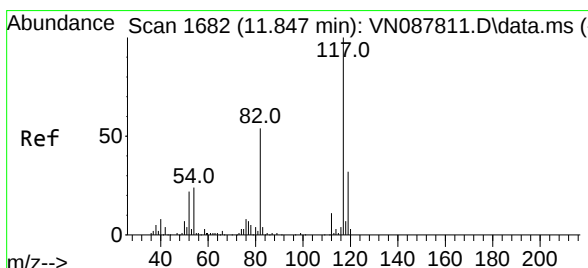
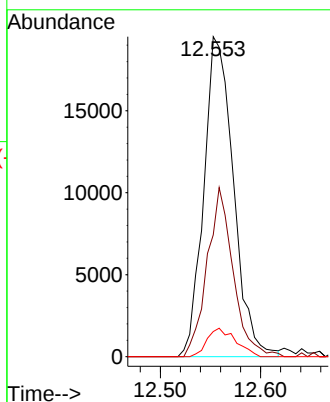
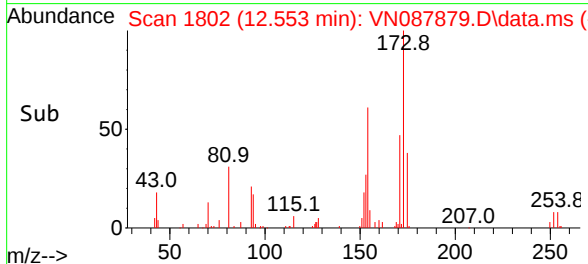
Instrument :
MSVOA_N
ClientSampleId :
EFF-WWMS



Tgt Ion:173 Resp: 4016
Ion Ratio Lower Upper
173 100
175 45.9 39.8 59.6
254 8.6 6.2 9.4

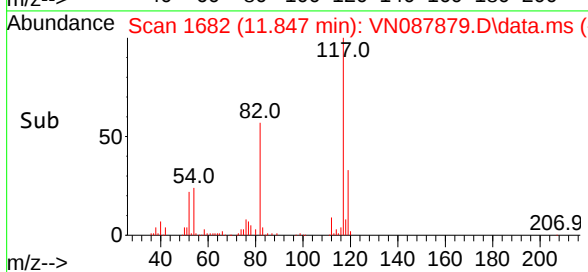
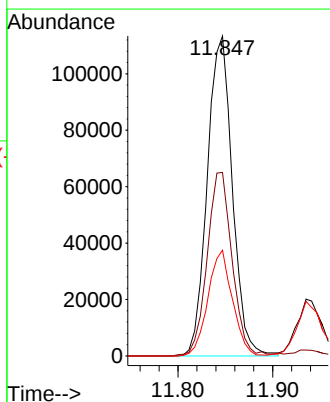
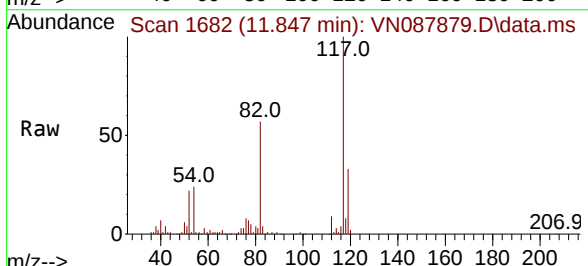
Manual Integrations
APPROVED

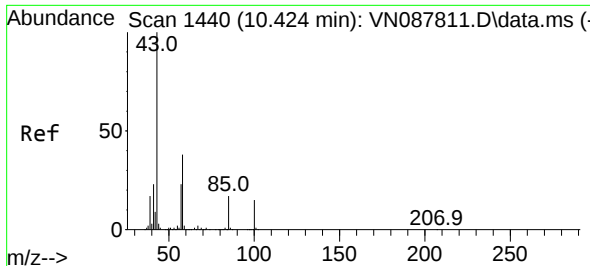
Reviewed By :John Carlone 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.847 min Scan# 1682
Delta R.T. 0.006 min
Lab File: VN087879.D
Acq: 17 Sep 2025 14:57

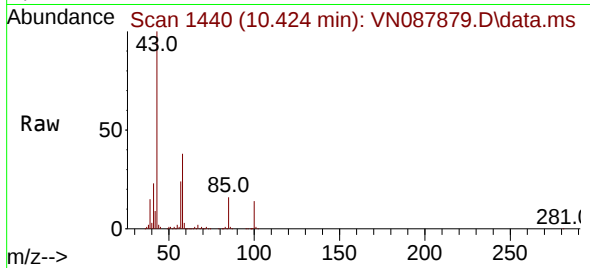
Tgt Ion:117 Resp: 208954
Ion Ratio Lower Upper
117 100
82 57.1 45.9 68.9
119 32.2 25.3 37.9





#58
4-Methyl-2-Pentanone
Concen: 91.610 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. -0.000 min
Lab File: VN087879.D
Acq: 17 Sep 2025 14:57

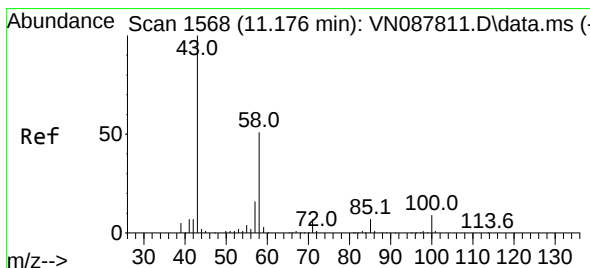
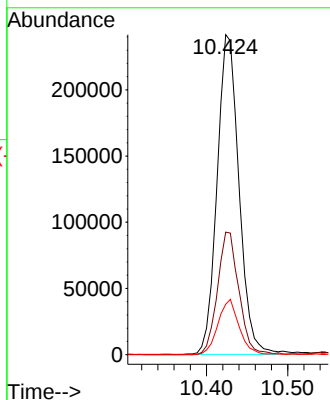
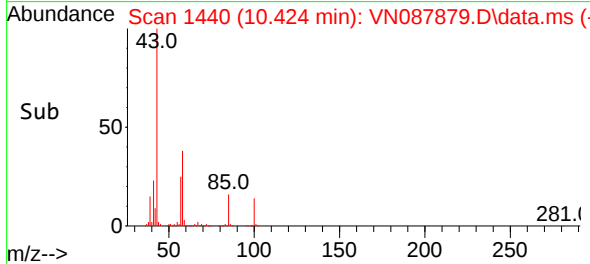
Instrument :
MSVOA_N
ClientSampleId :
EFF-WWMS



Tgt Ion: 43 Resp: 45261
Ion Ratio Lower Upper
43 100
58 37.5 29.6 44.4
85 16.7 13.0 19.4

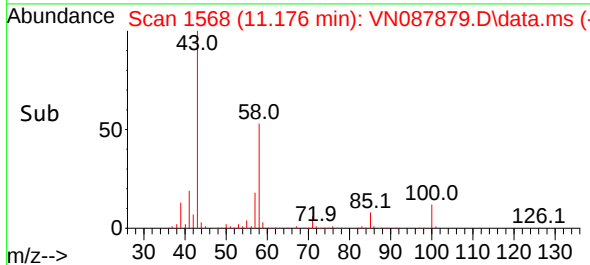
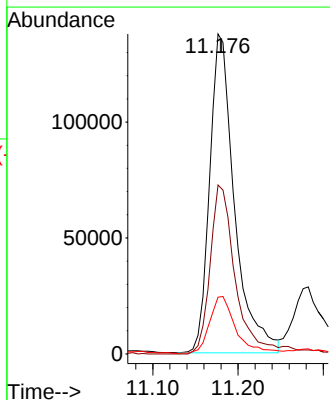
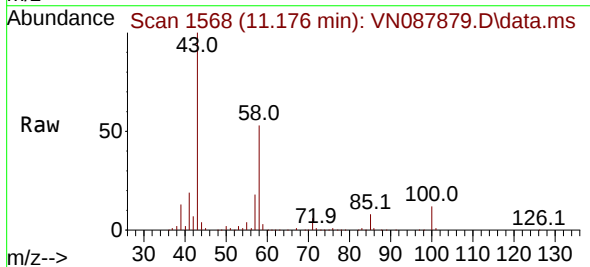
Manual Integrations
APPROVED

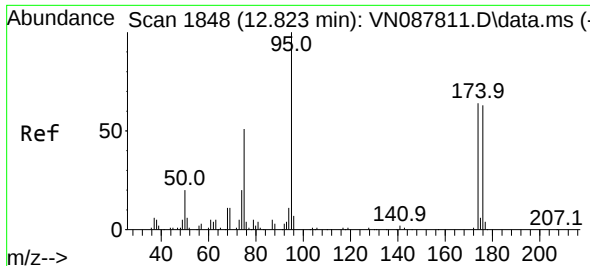
Reviewed By :John Carlone 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025



#59
2-Hexanone
Concen: 86.627 ug/l
RT: 11.176 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VN087879.D
Acq: 17 Sep 2025 14:57

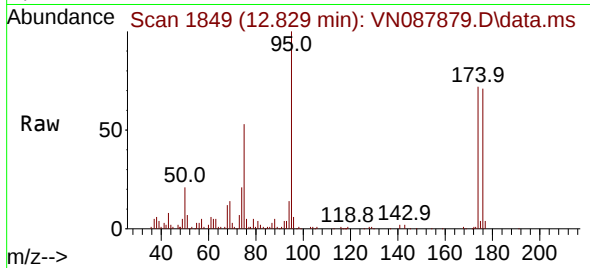
Tgt Ion: 43 Resp: 279671
Ion Ratio Lower Upper
43 100
58 52.8 40.2 60.4
57 18.8 13.7 20.5





#60
4-Bromofluorobenzene
Concen: 30.803 ug/l
RT: 12.829 min Scan# 1848
Delta R.T. -0.000 min
Lab File: VN087879.D
Acq: 17 Sep 2025 14:57

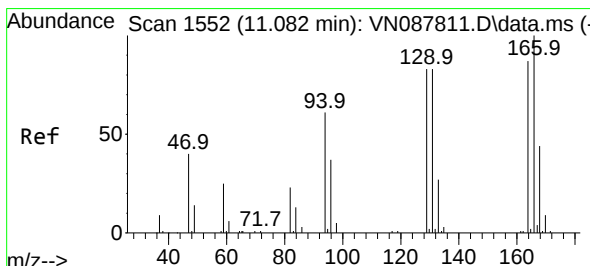
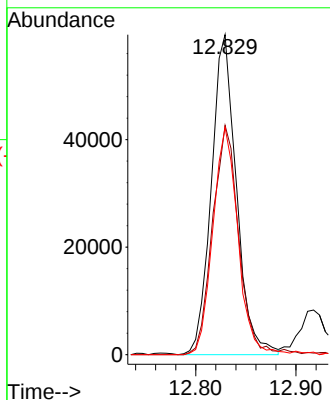
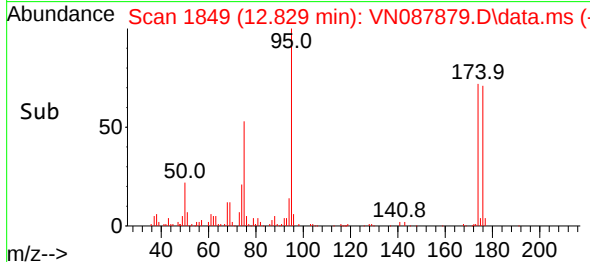
Instrument :
MSVOA_N
ClientSampleId :
EFF-WWMS



Tgt Ion: 95 Resp: 103494
Ion Ratio Lower Upper
95 100
174 74.1 55.4 83.0
176 70.9 51.5 77.3

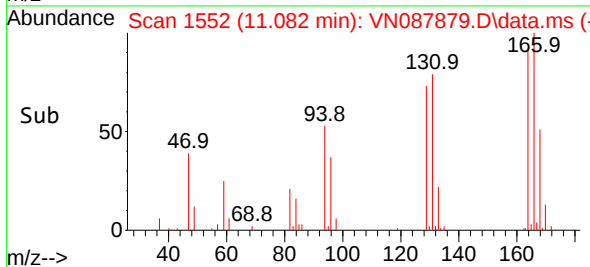
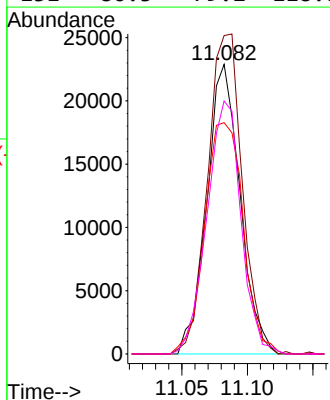
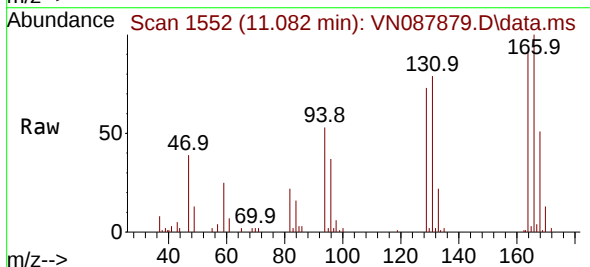
Manual Integrations
APPROVED

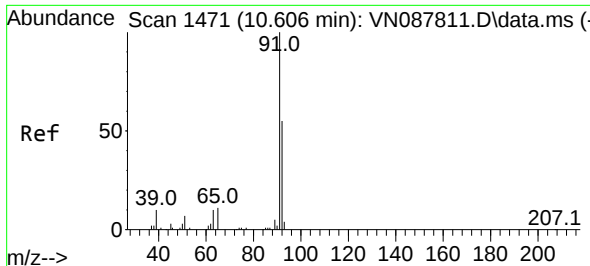
Reviewed By :John Carlone 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025



#61
Tetrachloroethene
Concen: 19.356 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. -0.000 min
Lab File: VN087879.D
Acq: 17 Sep 2025 14:57

Tgt Ion:164 Resp: 40268
Ion Ratio Lower Upper
164 100
166 110.0 97.3 145.9
129 79.0 78.6 117.8
131 86.3 79.2 118.8





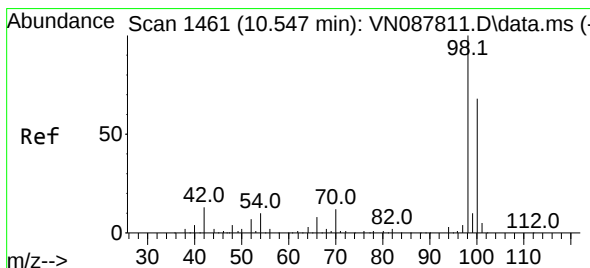
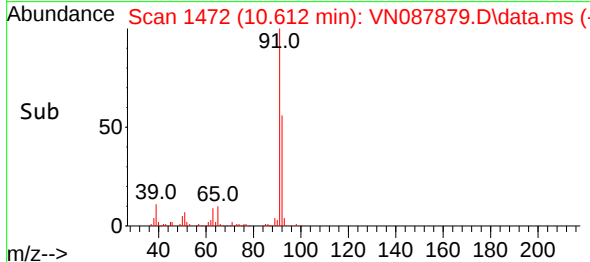
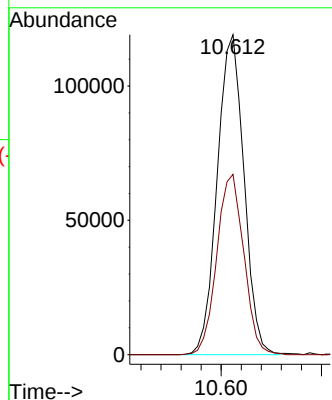
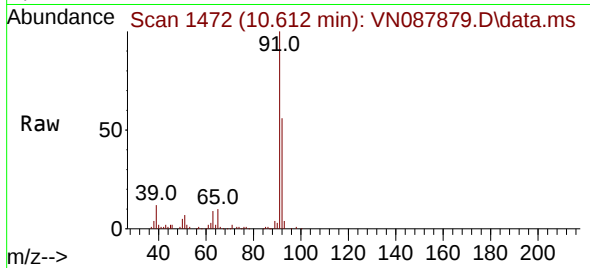
#62
Toluene
Concen: 17.447 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VN087879.D
Acq: 17 Sep 2025 14:57

Instrument :
MSVOA_N
ClientSampleId :
EFF-WWMS

Tgt Ion: 91 Resp: 220515
Ion Ratio Lower Upper
91 100
92 57.0 45.4 68.0

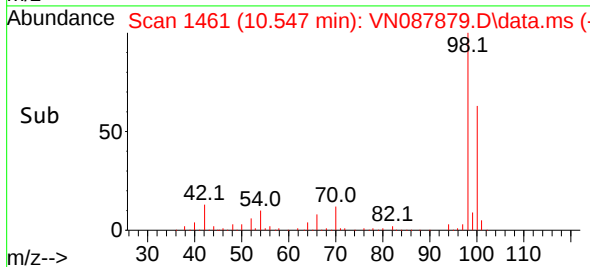
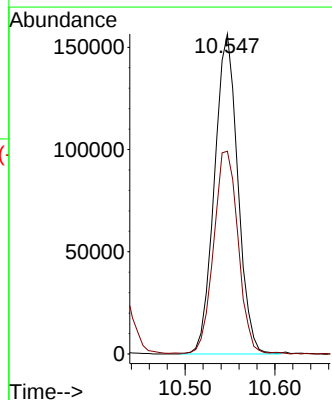
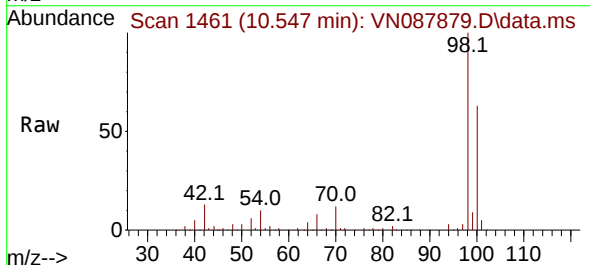
Manual Integrations
APPROVED

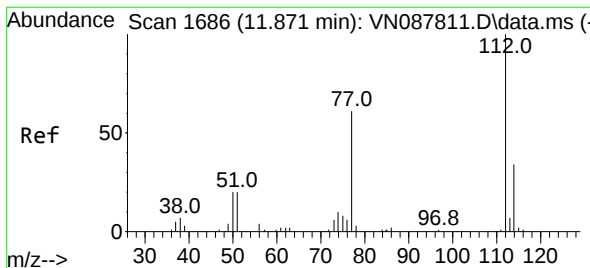
Reviewed By :John Carlone 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025



#63
Toluene-d8
Concen: 29.142 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN087879.D
Acq: 17 Sep 2025 14:57

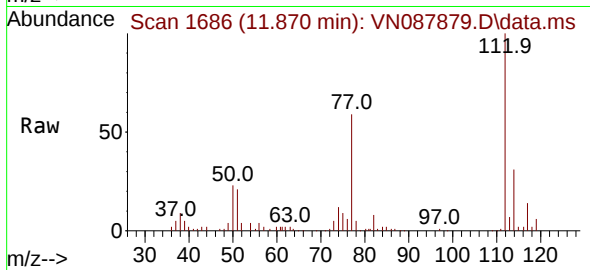
Tgt Ion: 98 Resp: 283186
Ion Ratio Lower Upper
98 100
100 66.2 50.6 76.0





#64
Chlorobenzene
Concen: 17.739 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN087879.D
Acq: 17 Sep 2025 14:57

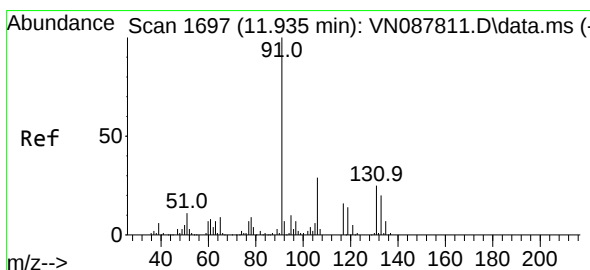
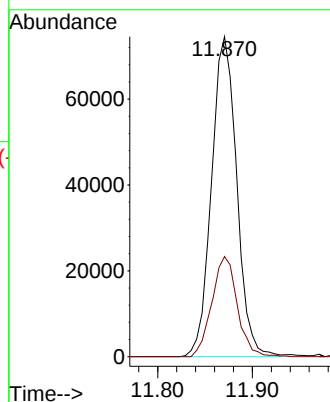
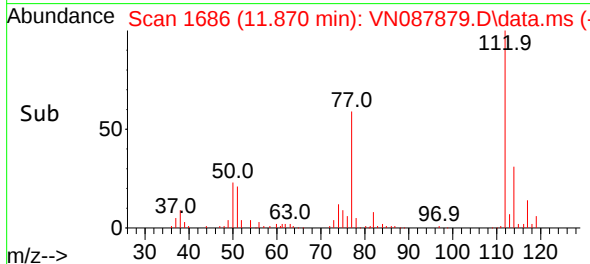
Instrument :
MSVOA_N
ClientSampleId :
EFF-WWMS



Tgt Ion:112 Resp: 13761
Ion Ratio Lower Upper
112 100
114 31.3 23.5 35.3

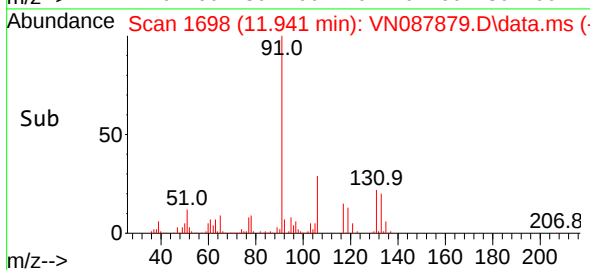
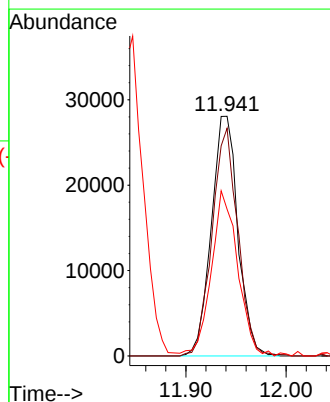
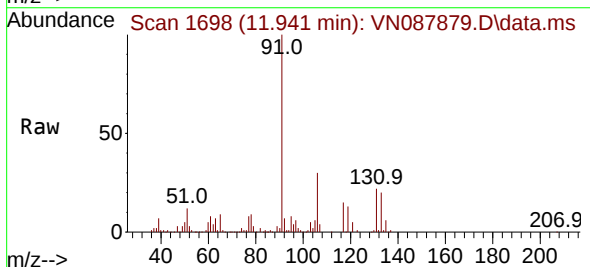
Manual Integrations
APPROVED

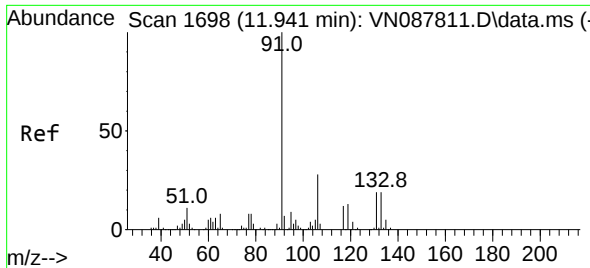
Reviewed By :John Carlone 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025



#65
1,1,1,2-Tetrachloroethane
Concen: 18.911 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VN087879.D
Acq: 17 Sep 2025 14:57

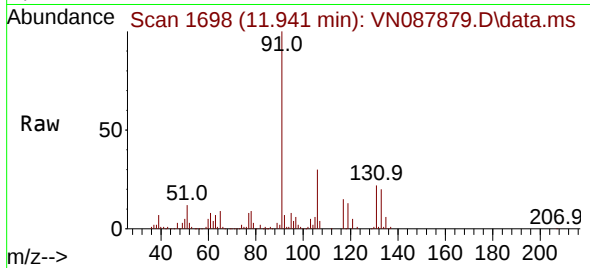
Tgt Ion:131 Resp: 51649
Ion Ratio Lower Upper
131 100
133 92.3 0.0 195.8
119 68.0 0.0 139.0





#66
Ethyl Benzene
Concen: 16.546 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN087879.D
Acq: 17 Sep 2025 14:57

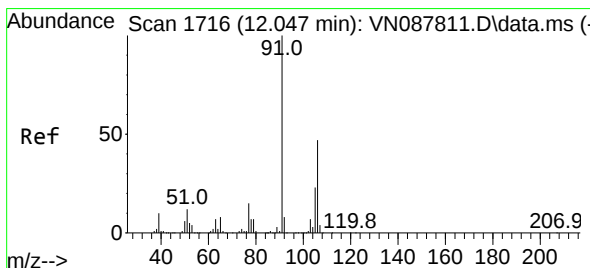
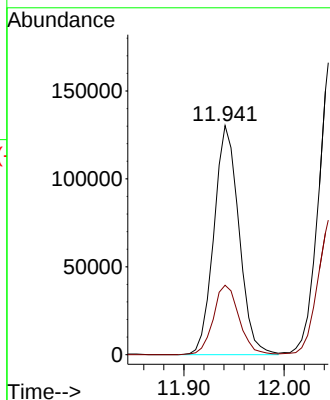
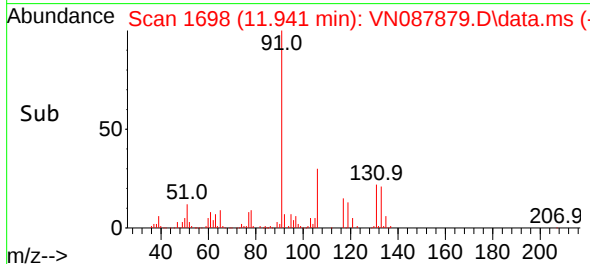
Instrument :
MSVOA_N
ClientSampleId :
EFF-WWMS



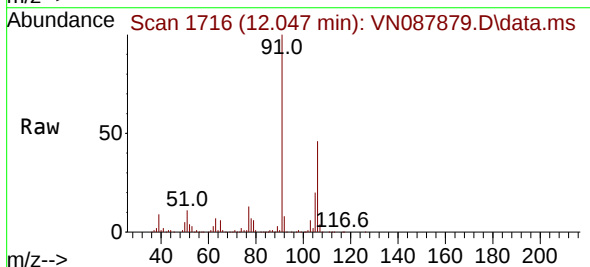
Tgt Ion: 91 Resp: 225611
Ion Ratio Lower Upper
91 100
106 30.3 21.3 31.9

Manual Integrations
APPROVED

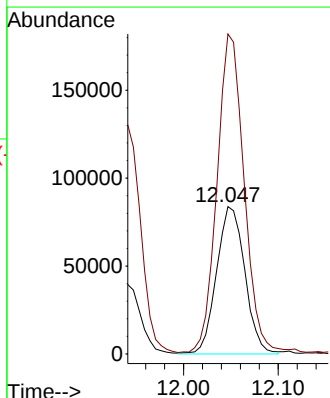
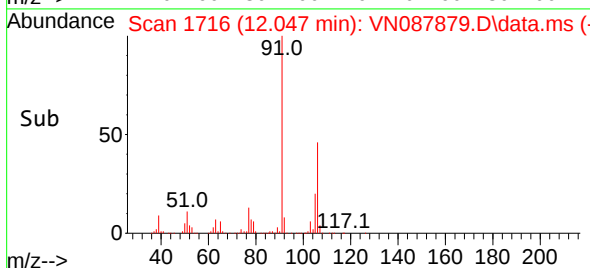
Reviewed By :John Carlone 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025

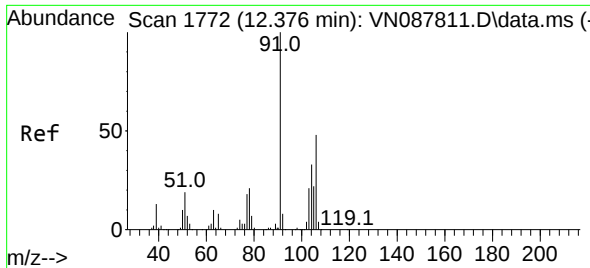


#67
m/p-Xylenes
Concen: 34.354 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VN087879.D
Acq: 17 Sep 2025 14:57



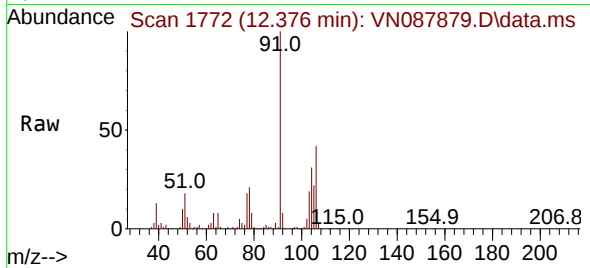
Tgt Ion:106 Resp: 173887
Ion Ratio Lower Upper
106 100
91 206.8 174.3 261.5





#68
o-Xylene
Concen: 17.310 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VN087879.D
Acq: 17 Sep 2025 14:57

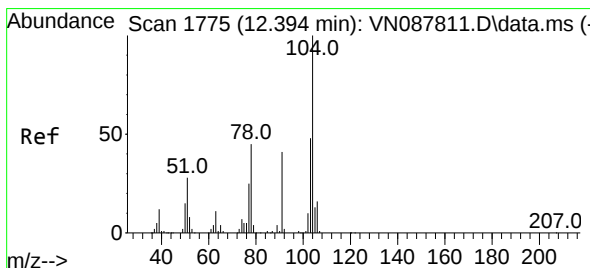
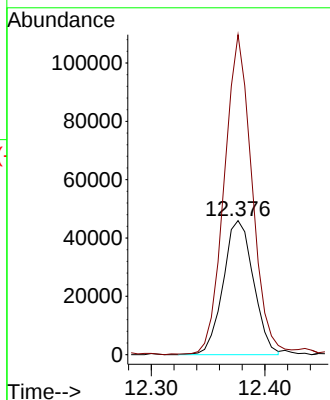
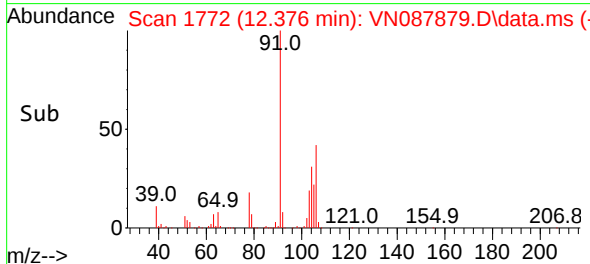
Instrument :
MSVOA_N
ClientSampleId :
EFF-WWMS



Tgt Ion:106 Resp: 8495
Ion Ratio Lower Upper
106 100
91 217.7 107.7 323.3

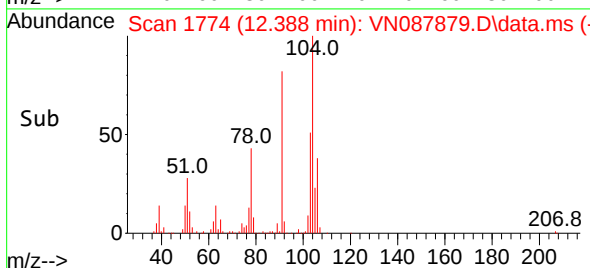
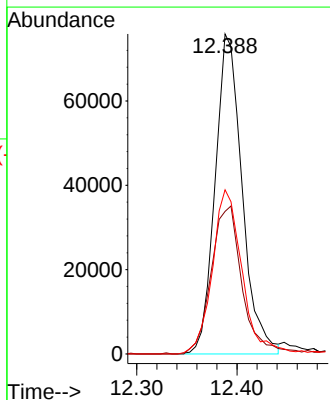
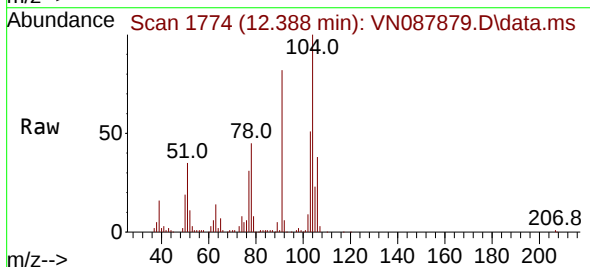
Manual Integrations
APPROVED

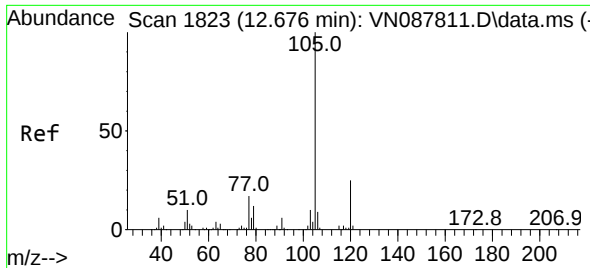
Reviewed By :John Carlone 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025



#69
Styrene
Concen: 16.649 ug/l
RT: 12.388 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VN087879.D
Acq: 17 Sep 2025 14:57

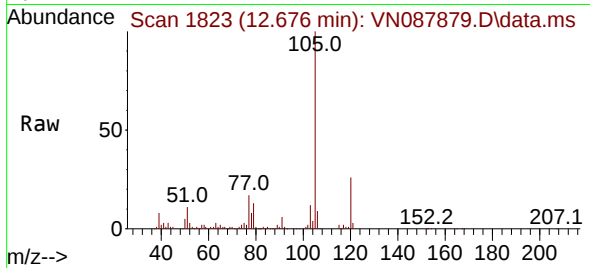
Tgt Ion:104 Resp: 142012
Ion Ratio Lower Upper
104 100
78 52.9 41.0 61.6
103 56.1 44.6 66.8





#70
Isopropylbenzene
Concen: 17.119 ug/l
RT: 12.676 min Scan# 1823
Delta R.T. -0.000 min
Lab File: VN087879.D
Acq: 17 Sep 2025 14:57

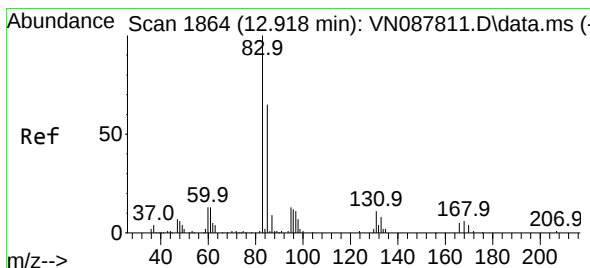
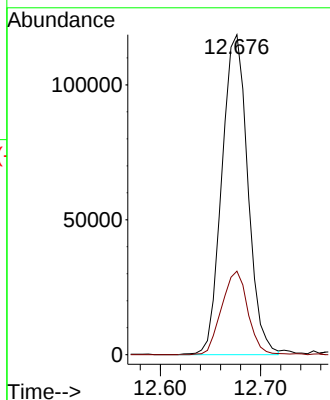
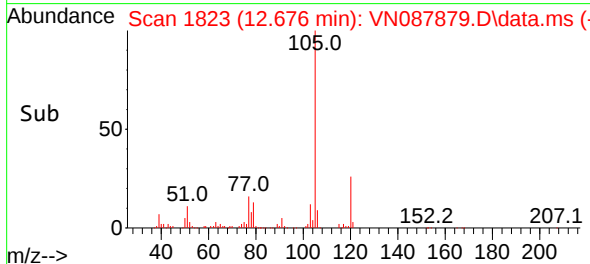
Instrument :
MSVOA_N
ClientSampleId :
EFF-WWMS



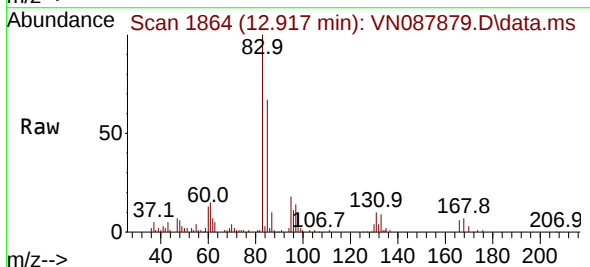
Tgt Ion: 105 Resp: 213028
Ion Ratio Lower Upper
105 100
120 26.3 17.4 32.4

Manual Integrations
APPROVED

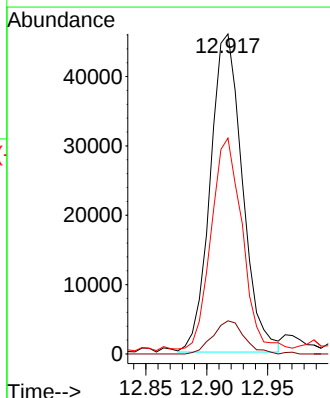
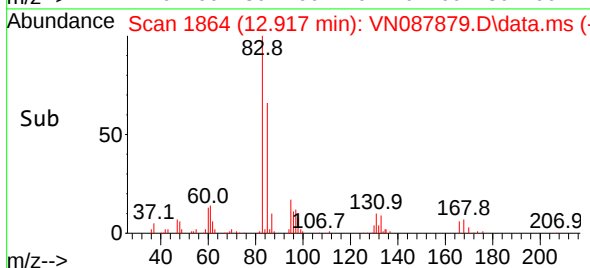
Reviewed By : John Carlone 09/18/2025
Supervised By : Mahesh Dadoda 09/18/2025

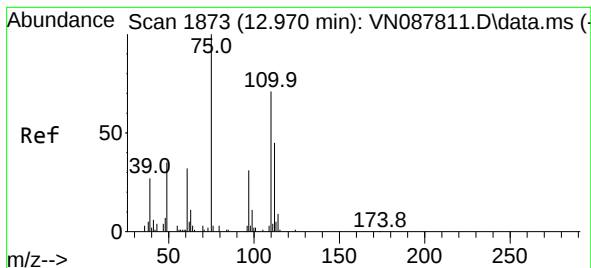


#71
1,1,2,2-Tetrachloroethane
Concen: 18.862 ug/l
RT: 12.917 min Scan# 1864
Delta R.T. -0.000 min
Lab File: VN087879.D
Acq: 17 Sep 2025 14:57



Tgt Ion: 83 Resp: 84382
Ion Ratio Lower Upper
83 100
131 10.2 4.8 14.3
85 64.6 31.9 95.7





#72

1,2,3-Trichloropropane

Concen: 18.744 ug/l m

RT: 12.970 min Scan# 1873

Delta R.T. -0.000 min

Lab File: VN087879.D

Acq: 17 Sep 2025 14:57

Instrument :

MSVOA_N

ClientSampleId :

EFF-WWMS

Tgt Ion: 75 Resp: 8233

Ion Ratio Lower Upper

75 100

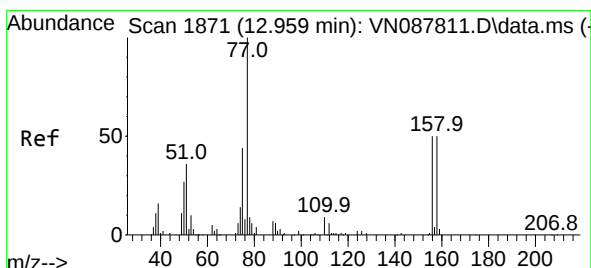
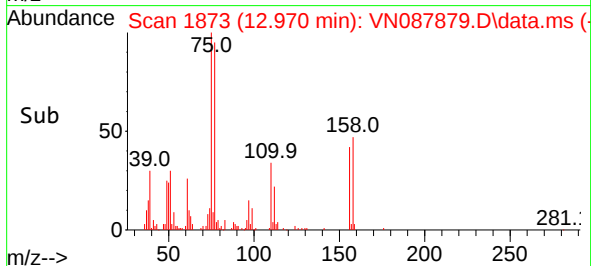
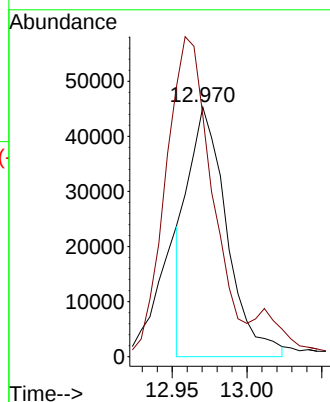
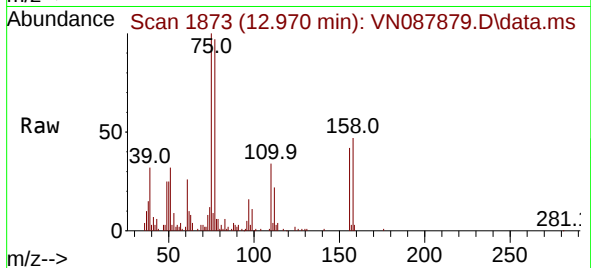
77 153.1 0.0 378.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2025

Supervised By :Mahesh Dadoda 09/18/2025



#73

Bromobenzene

Concen: 18.764 ug/l

RT: 12.959 min Scan# 1871

Delta R.T. 0.006 min

Lab File: VN087879.D

Acq: 17 Sep 2025 14:57

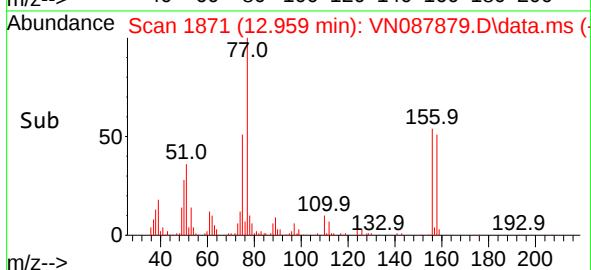
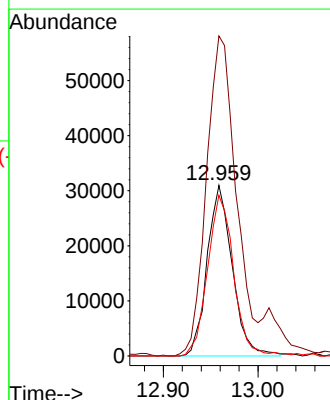
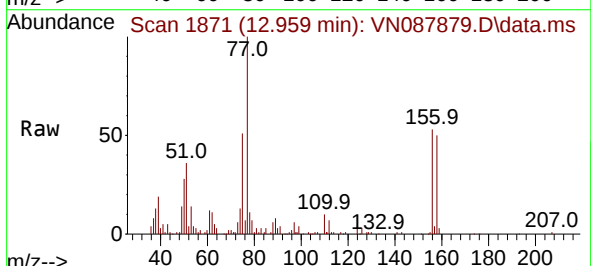
Tgt Ion:156 Resp: 57127

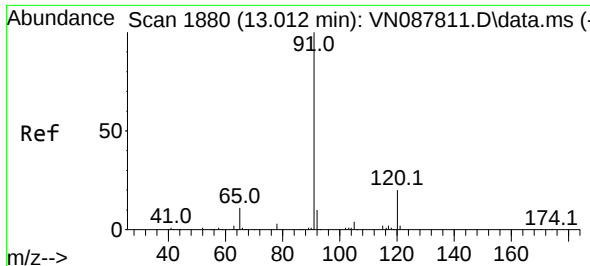
Ion Ratio Lower Upper

156 100

77 220.7 0.0 484.2

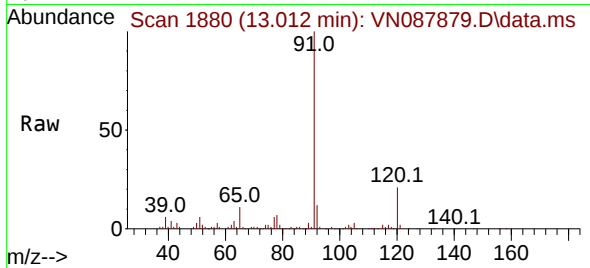
158 96.7 0.0 186.2





#74
n-propylbenzene
Concen: 16.299 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN087879.D
Acq: 17 Sep 2025 14:57

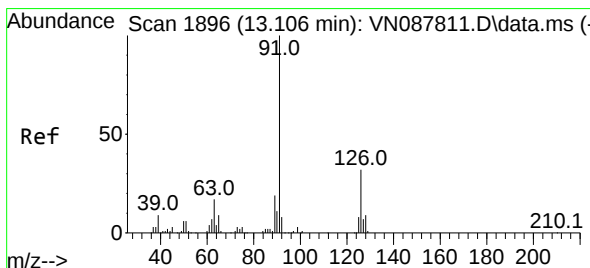
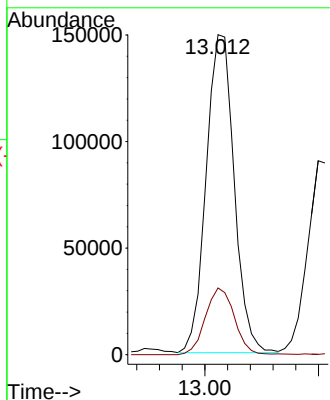
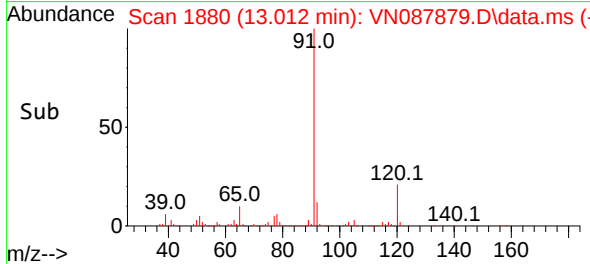
Instrument :
MSVOA_N
ClientSampleId :
EFF-WWMS



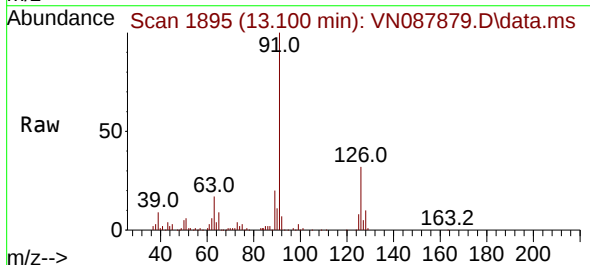
Tgt Ion: 91 Resp: 255910
Ion Ratio Lower Upper
91 100
120 21.6 0.0 42.2

Manual Integrations
APPROVED

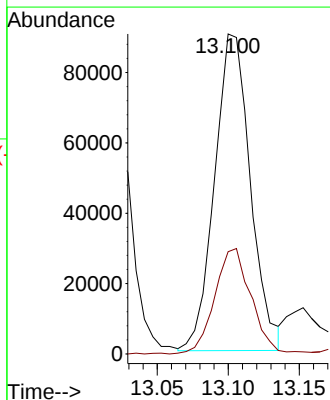
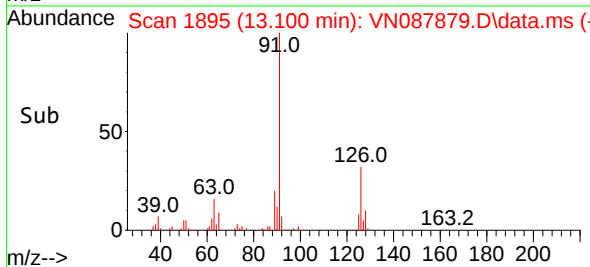
Reviewed By :John Carlone 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025

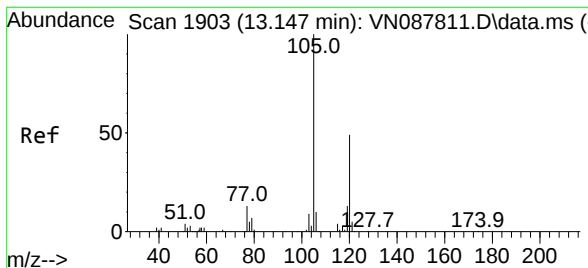


#75
2-Chlorotoluene
Concen: 16.723 ug/l
RT: 13.100 min Scan# 1895
Delta R.T. -0.006 min
Lab File: VN087879.D
Acq: 17 Sep 2025 14:57



Tgt Ion: 91 Resp: 158031
Ion Ratio Lower Upper
91 100
126 33.5 0.0 60.4





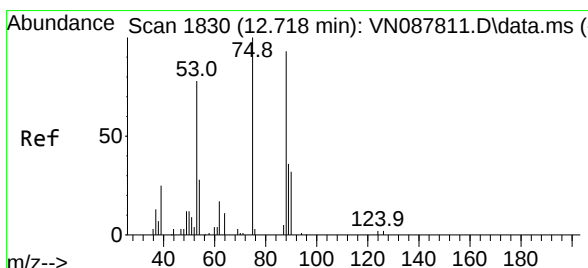
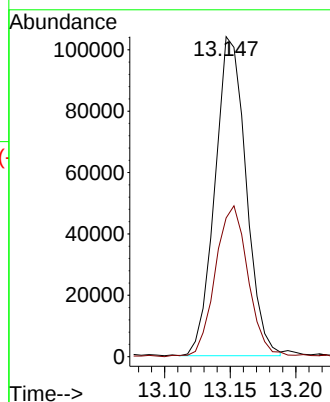
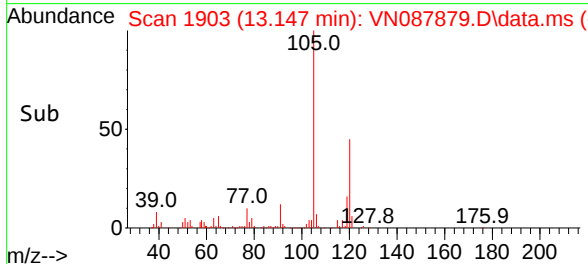
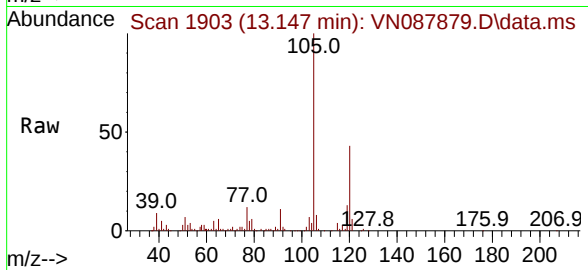
#76
1,3,5-Trimethylbenzene
Concen: 16.322 ug/l
RT: 13.147 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VN087879.D
Acq: 17 Sep 2025 14:57

Instrument :
MSVOA_N
ClientSampleId :
EFF-WWMS

Tgt Ion:105 Resp: 171519
Ion Ratio Lower Upper
105 100
120 49.7 0.0 92.6

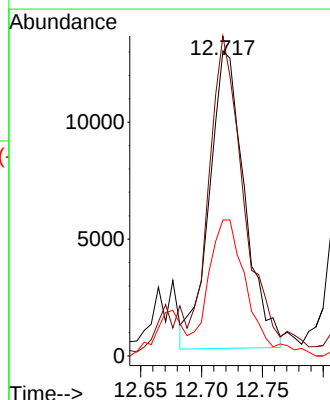
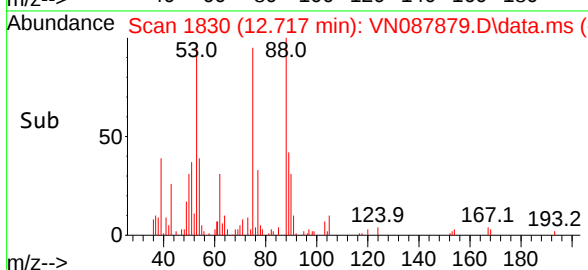
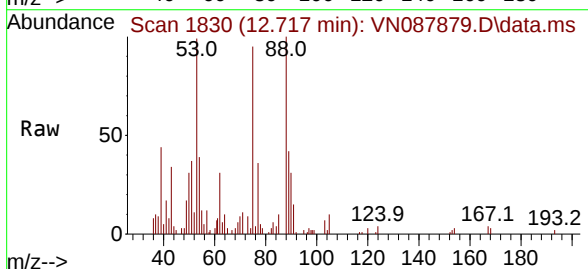
Manual Integrations
APPROVED

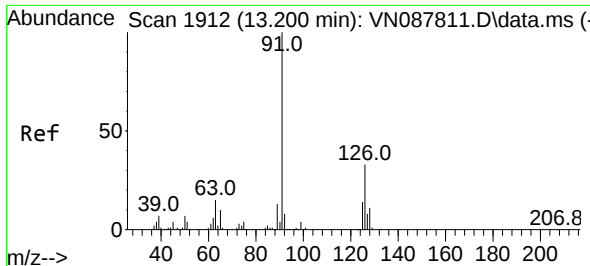
Reviewed By :John Carlone 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025



#77
t-1,4-Dichloro-2-butene
Concen: 17.318 ug/l
RT: 12.717 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN087879.D
Acq: 17 Sep 2025 14:57

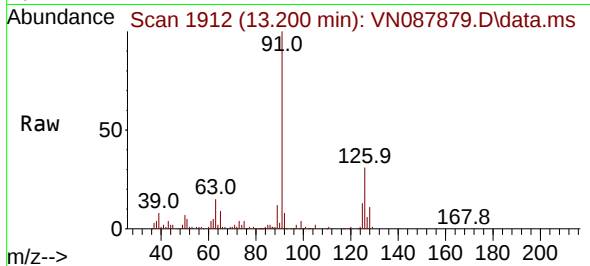
Tgt Ion: 75 Resp: 25675
Ion Ratio Lower Upper
75 100
53 105.4 45.3 135.9
89 43.4 18.8 56.3





#78
4-Chlorotoluene
Concen: 16.891 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VN087879.D
Acq: 17 Sep 2025 14:57

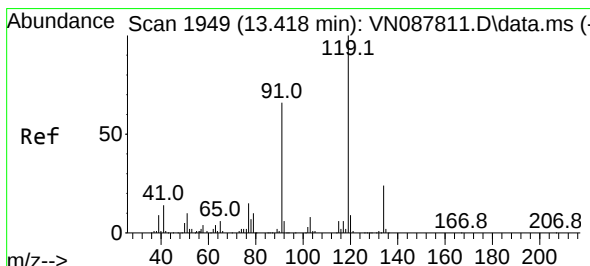
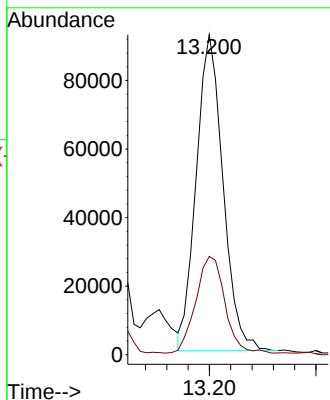
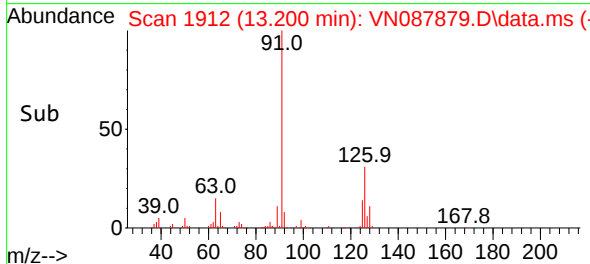
Instrument :
MSVOA_N
ClientSampleId :
EFF-WWMS



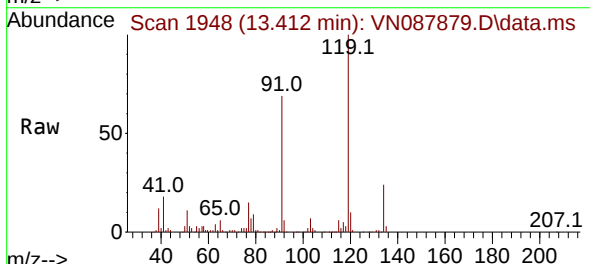
Tgt Ion: 91 Resp: 16092
Ion Ratio Lower Upper
91 100
126 34.3 0.0 67.0

Manual Integrations
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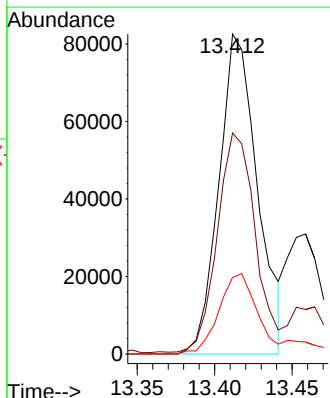
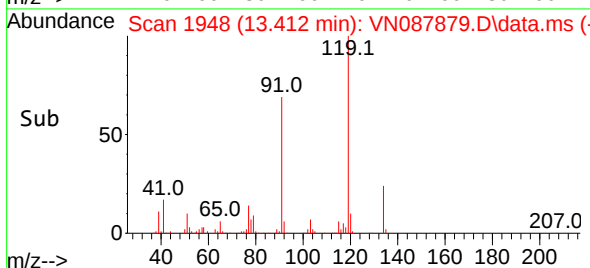
Reviewed By :John Carlone 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025

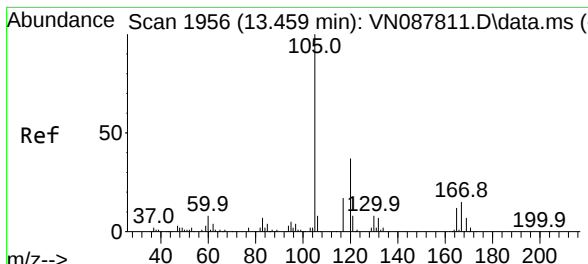


#79
tert-butylbenzene
Concen: 16.256 ug/l
RT: 13.412 min Scan# 1948
Delta R.T. -0.006 min
Lab File: VN087879.D
Acq: 17 Sep 2025 14:57



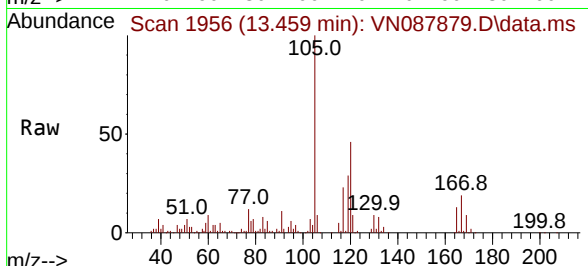
Tgt Ion:119 Resp: 143062
Ion Ratio Lower Upper
119 100
91 66.9 0.0 142.6
134 24.5 0.0 47.2





#80
 1,2,4-Trimethylbenzene
 Concen: 16.170 ug/l
 RT: 13.459 min Scan# 1956
 Delta R.T. -0.000 min
 Lab File: VN087879.D
 Acq: 17 Sep 2025 14:57

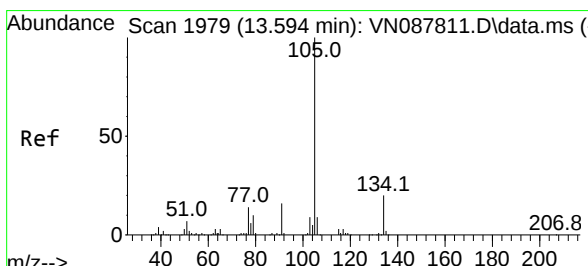
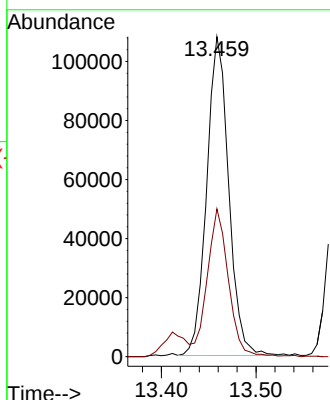
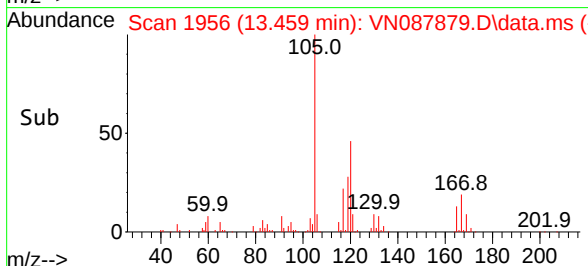
Instrument : MSVOA_N
 ClientSampleId : EFF-WWMS



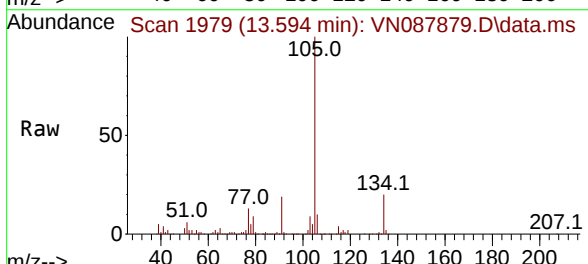
Tgt Ion:105 Resp: 17420
 Ion Ratio Lower Upper
 105 100
 120 44.3 0.0 86.6

Manual Integrations
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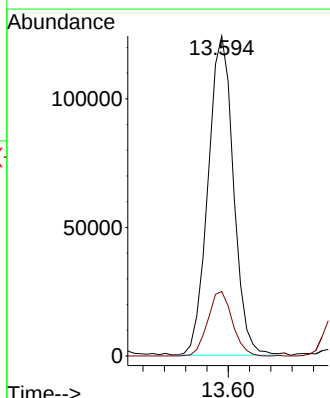
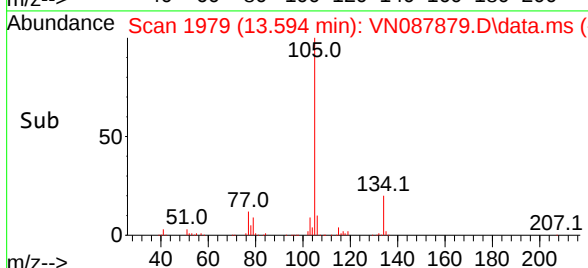
Reviewed By :John Carlone 09/18/2025
 Supervised By :Mahesh Dadoda 09/18/2025

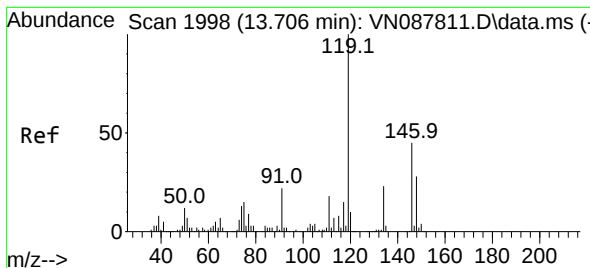


#81
 sec-Butylbenzene
 Concen: 15.865 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. -0.000 min
 Lab File: VN087879.D
 Acq: 17 Sep 2025 14:57



Tgt Ion:105 Resp: 205366
 Ion Ratio Lower Upper
 105 100
 134 19.6 0.0 37.0





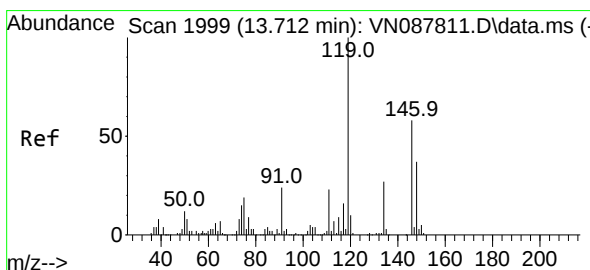
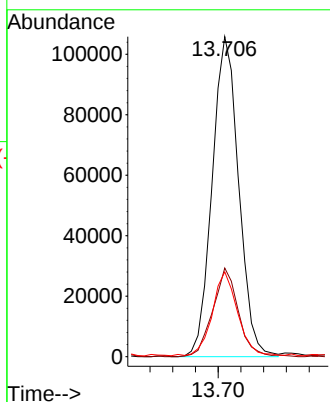
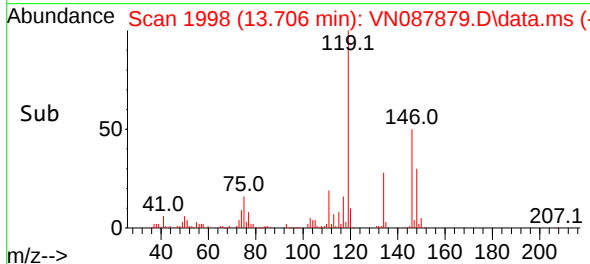
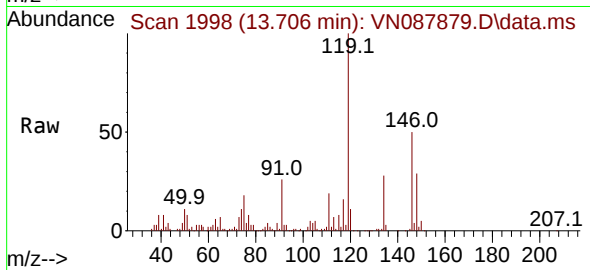
#82
p-Isopropyltoluene
Concen: 16.098 ug/l
RT: 13.706 min Scan# 1998
Delta R.T. -0.000 min
Lab File: VN087879.D
Acq: 17 Sep 2025 14:57

Instrument :
MSVOA_N
ClientSampleId :
EFF-WWMS

Tgt Ion:119 Resp: 17168
Ion Ratio Lower Upper
119 100
134 26.4 0.0 49.4
91 24.7 0.0 52.2

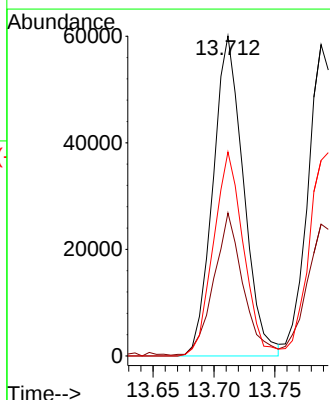
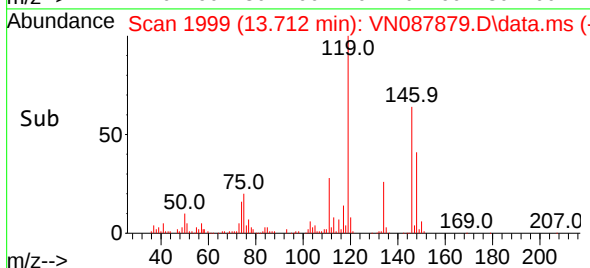
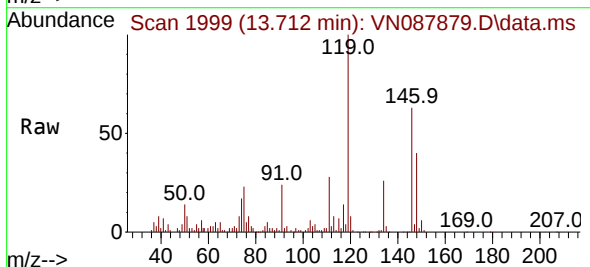
Manual Integrations
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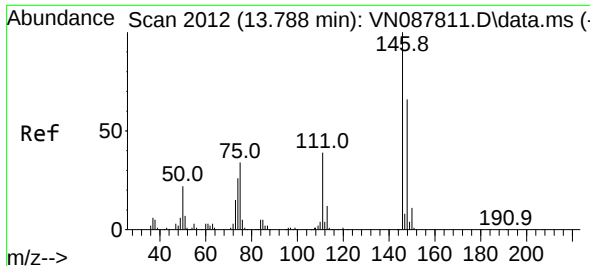
Reviewed By :John Carlone 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025



#83
1,3-Dichlorobenzene
Concen: 17.881 ug/l
RT: 13.712 min Scan# 1999
Delta R.T. -0.000 min
Lab File: VN087879.D
Acq: 17 Sep 2025 14:57

Tgt Ion:146 Resp: 104954
Ion Ratio Lower Upper
146 100
111 42.7 21.1 63.4
148 62.4 31.0 93.0





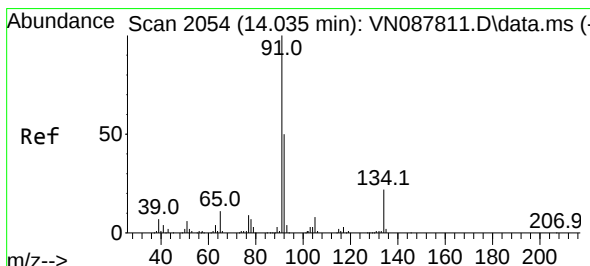
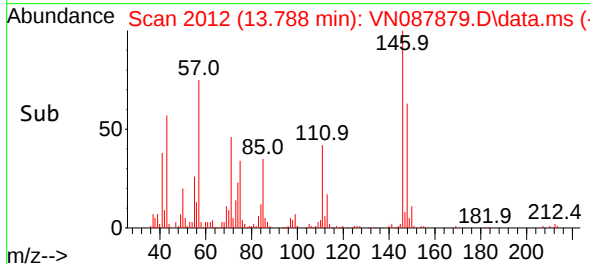
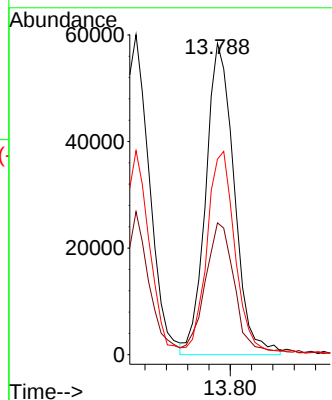
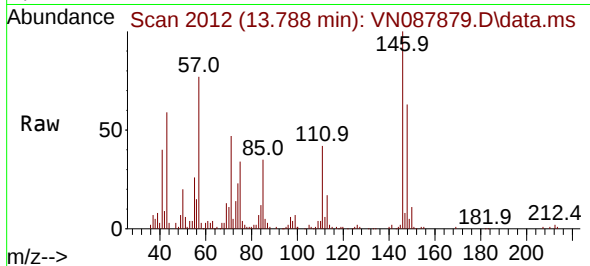
#84
1,4-Dichlorobenzene
Concen: 18.408 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN087879.D
Acq: 17 Sep 2025 14:57

Instrument :
MSVOA_N
ClientSampleId :
EFF-WWMS

Tgt Ion:146 Resp: 108302
Ion Ratio Lower Upper
146 100
111 44.1 20.2 60.5
148 65.2 31.5 94.5

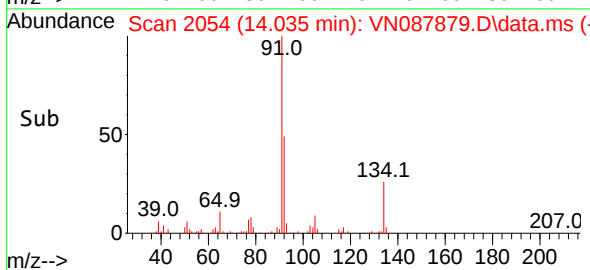
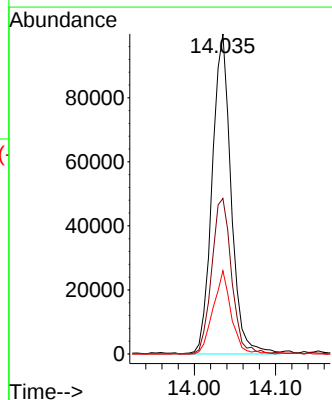
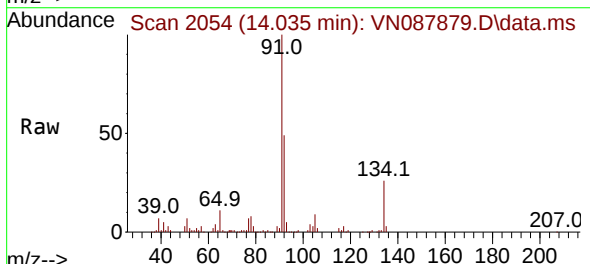
Manual Integrations
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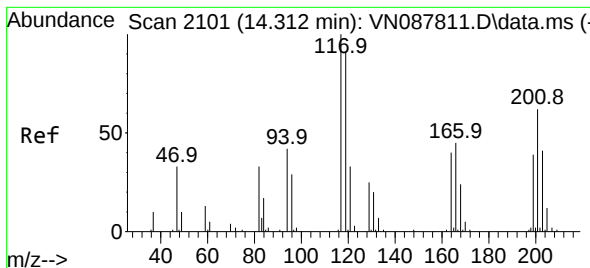
Reviewed By :John Carlone 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025



#85
n-Butylbenzene
Concen: 15.813 ug/l
RT: 14.035 min Scan# 2054
Delta R.T. -0.000 min
Lab File: VN087879.D
Acq: 17 Sep 2025 14:57

Tgt Ion: 91 Resp: 162115
Ion Ratio Lower Upper
91 100
92 50.8 0.0 104.0
134 24.4 0.0 46.0





#86

Hexachloroethane

Concen: 15.852 ug/l

RT: 14.306 min Scan# 2101

Delta R.T. -0.006 min

Lab File: VN087879.D

Acq: 17 Sep 2025 14:57

Instrument :

MSVOA_N

ClientSampleId :

EFF-WWMS

Tgt Ion:117 Resp: 3434

Ion Ratio Lower Upper

117 100

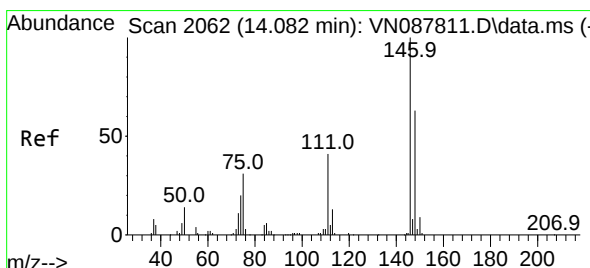
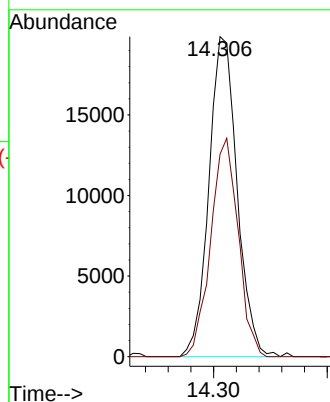
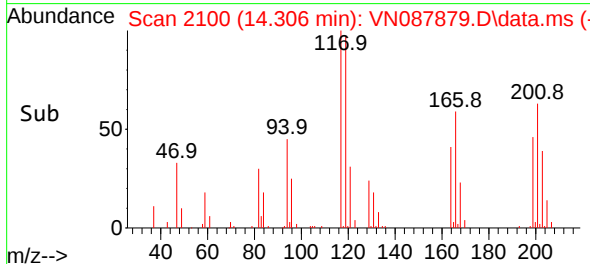
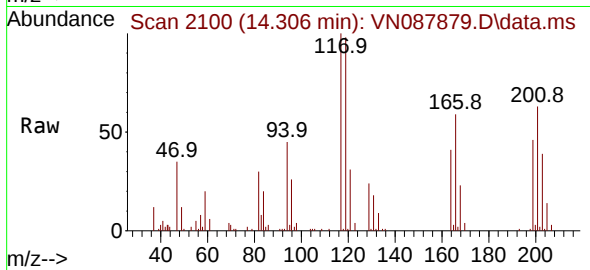
201 66.3 29.9 89.7

Manual Integrations

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Reviewed By :John Carlone 09/18/2025

Supervised By :Mahesh Dadoda 09/18/2025



#87

1,2-Dichlorobenzene

Concen: 19.051 ug/l

RT: 14.082 min Scan# 2062

Delta R.T. -0.000 min

Lab File: VN087879.D

Acq: 17 Sep 2025 14:57

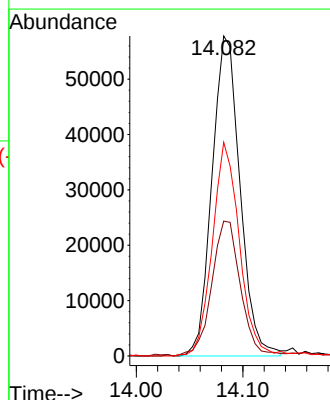
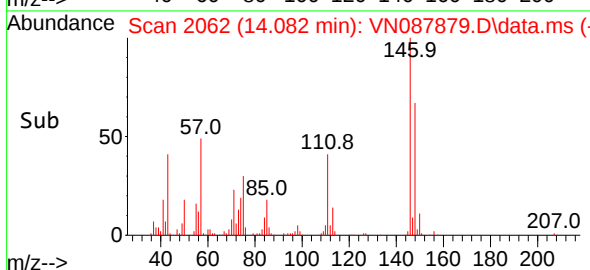
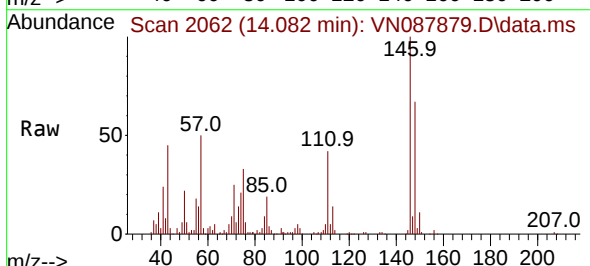
Tgt Ion:146 Resp: 105462

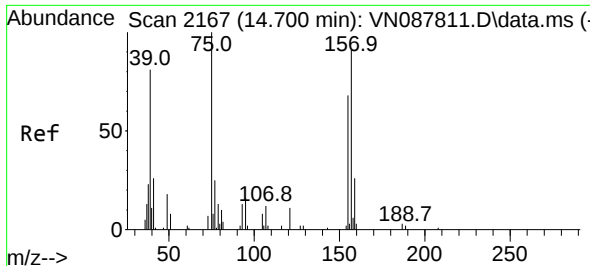
Ion Ratio Lower Upper

146 100

111 43.3 21.5 64.5

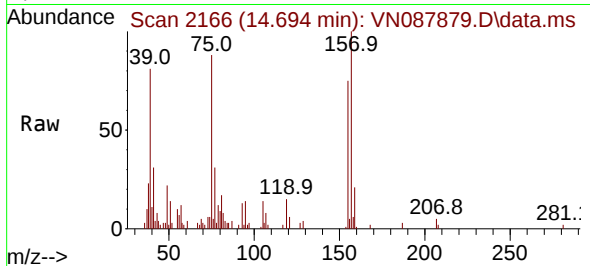
148 64.2 33.4 100.1





#88
 1,2-Dibromo-3-Chloropropane
 Concen: 19.866 ug/l
 RT: 14.694 min Scan# 2166
 Delta R.T. -0.000 min
 Lab File: VN087879.D
 Acq: 17 Sep 2025 14:57

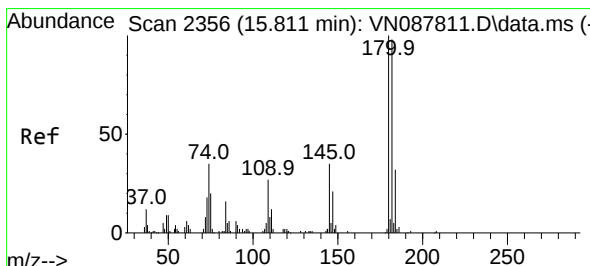
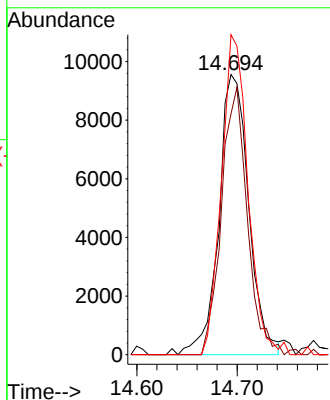
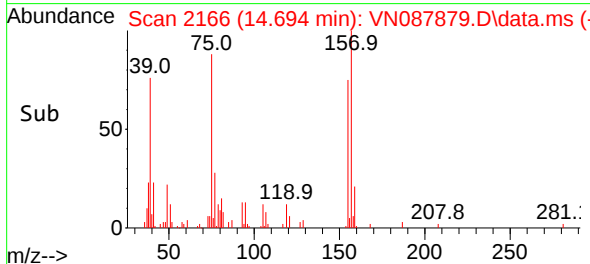
Instrument :
 MSVOA_N
 ClientSampleId :
 EFF-WWMS



Tgt Ion: 75 Resp: 1972
 Ion Ratio Lower Upper
 75 100
 155 82.9 53.0 79.4
 157 101.3 72.2 108.4

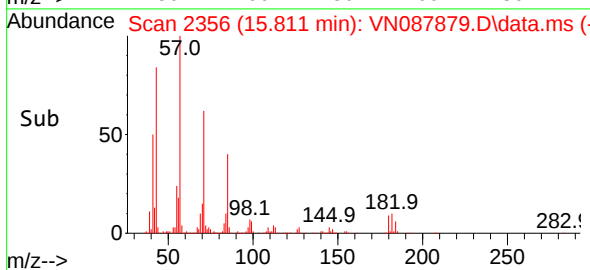
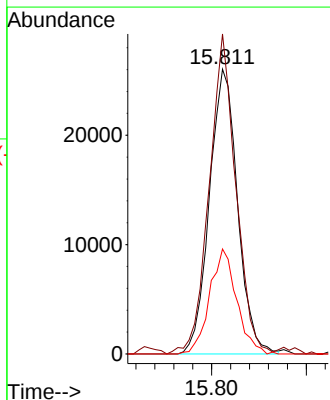
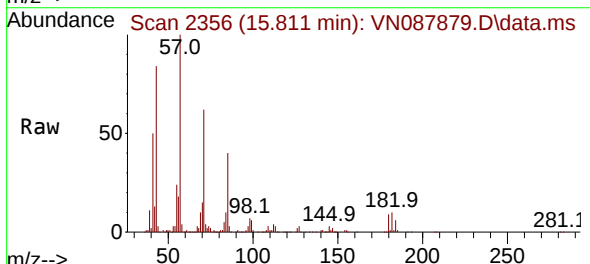
Manual Integrations
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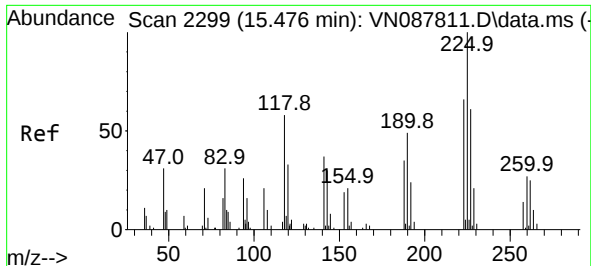
Reviewed By :John Carlone 09/18/2025
 Supervised By :Mahesh Dadoda 09/18/2025



#89
 1,2,4-Trichlorobenzene
 Concen: 17.065 ug/l
 RT: 15.811 min Scan# 2356
 Delta R.T. -0.000 min
 Lab File: VN087879.D
 Acq: 17 Sep 2025 14:57

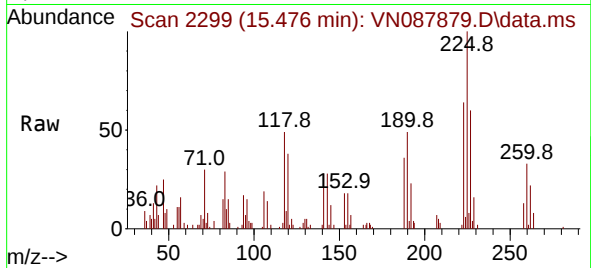
Tgt Ion:180 Resp: 53730
 Ion Ratio Lower Upper
 180 100
 182 105.9 74.6 111.8
 145 35.2 27.4 41.0





#90
Hexachlorobutadiene
Concen: 21.501 ug/l
RT: 15.476 min Scan# 2299
Delta R.T. 0.006 min
Lab File: VN087879.D
Acq: 17 Sep 2025 14:57

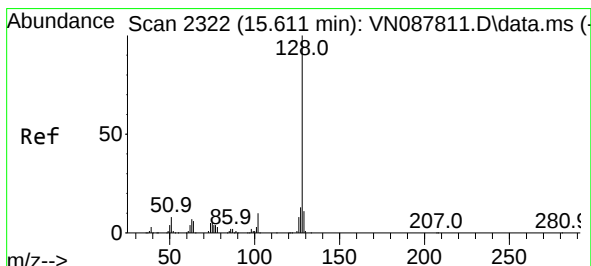
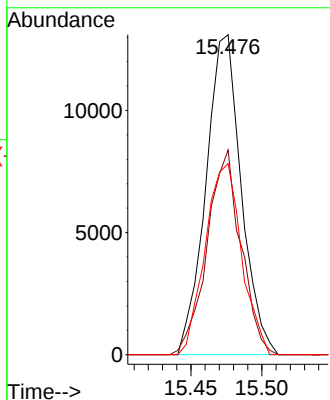
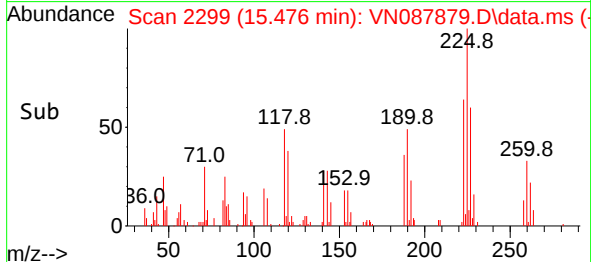
Instrument :
MSVOA_N
ClientSampleId :
EFF-WWMS



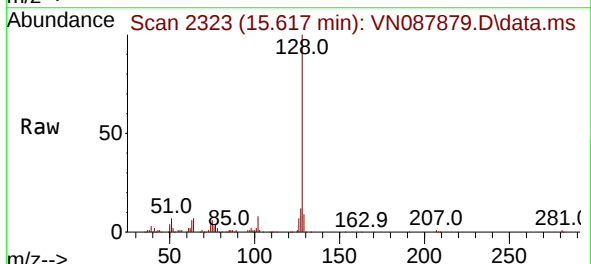
Tgt Ion:225 Resp: 22698
Ion Ratio Lower Upper
225 100
223 61.1 0.0 118.2
227 61.3 0.0 139.0

Manual Integrations
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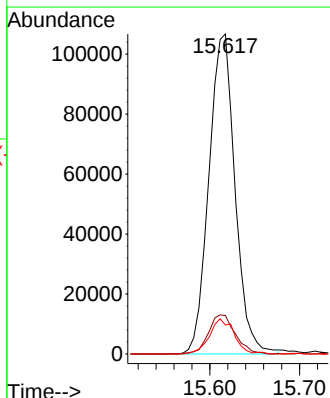
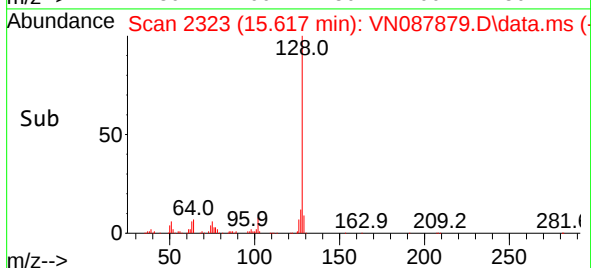
Reviewed By :John Carlone 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025

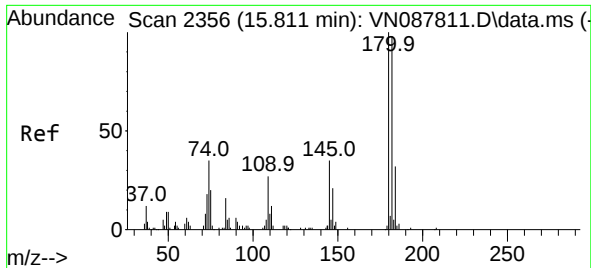


#91
Naphthalene
Concen: 18.642 ug/l
RT: 15.617 min Scan# 2323
Delta R.T. 0.006 min
Lab File: VN087879.D
Acq: 17 Sep 2025 14:57



Tgt Ion:128 Resp: 216085
Ion Ratio Lower Upper
128 100
127 12.5 10.2 15.4
129 10.2 8.3 12.5





#92
 1,2,3-Trichlorobenzene
 Concen: 17.065 ug/l
 RT: 15.811 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN087879.D
 Acq: 17 Sep 2025 14:57

Instrument :
 MSVOA_N
 ClientSampleId :
 EFF-WWMS

Tgt Ion:180 Resp: 53730
 Ion Ratio Lower Upper
 180 100
 182 105.9 0.0 186.4
 145 35.2 0.0 68.4

Manual Integrations
 APPROVED

Reviewed By :John Carlone 09/18/2025
 Supervised By :Mahesh Dadoda 09/18/2025

