

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091825\
 Data File : VN087892.D
 Acq On : 18 Sep 2025 13:28
 Operator : JC\MD
 Sample : VN0918MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0918MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/19/2025
 Supervised By : Mahesh Dadoda 09/19/2025

Quant Time: Sep 19 03:06:57 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 22 02:55:42 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	215723	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	410284	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	391358	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	205612	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	196602	44.481	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	88.960%
35) Dibromofluoromethane	8.147	113	150438	50.785	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.580%
50) Toluene-d8	10.547	98	518979	46.809	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	93.620%
62) 4-Bromofluorobenzene	12.829	95	190917	48.420	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	96.840%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	54121	17.664	ug/l	97
3) Chloromethane	2.383	50	59277	18.826	ug/l	99
4) Vinyl Chloride	2.542	62	57178	15.662	ug/l	93
5) Bromomethane	2.983	94	32904	17.467	ug/l	87
6) Chloroethane	3.142	64	39476	15.385	ug/l	97
7) Trichlorofluoromethane	3.512	101	92068	17.213	ug/l	87
8) Diethyl Ether	3.959	74	39439	16.931	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.365	101	48863	16.145	ug/l	91
10) Methyl Iodide	4.583	142	31730	18.928	ug/l #	87
11) Tert butyl alcohol	5.524	59	68641	89.456	ug/l	100
12) 1,1-Dichloroethene	4.336	96	52540	16.893	ug/l	79
13) Acrolein	4.177	56	71341	75.628	ug/l	99
14) Allyl chloride	5.012	41	90885	16.125	ug/l	97
15) Acrylonitrile	5.706	53	199985	92.414	ug/l	98
16) Acetone	4.424	43	181871	75.589	ug/l	96
17) Carbon Disulfide	4.700	76	158155	18.471	ug/l #	92
18) Methyl Acetate	5.030	43	100383	19.926	ug/l	96
19) Methyl tert-butyl Ether	5.789	73	215272	18.451	ug/l	99
20) Methylene Chloride	5.265	84	69838	19.305	ug/l	94
21) trans-1,2-Dichloroethene	5.777	96	62907	18.662	ug/l	98
22) Diisopropyl ether	6.659	45	215152	17.689	ug/l	95
23) Vinyl Acetate	6.589	43	965624	87.264	ug/l	96
24) 1,1-Dichloroethane	6.553	63	119368	17.900	ug/l	95
25) 2-Butanone	7.471	43	284058	89.736	ug/l	95
26) 2,2-Dichloropropane	7.471	77	100894	17.628	ug/l	97
27) cis-1,2-Dichloroethene	7.471	96	73738	18.299	ug/l	98
28) Bromochloromethane	7.794	49	61282	19.008	ug/l	92
29) Tetrahydrofuran	7.830	42	179023	87.879	ug/l	96
30) Chloroform	7.947	83	132968	19.535	ug/l	97
31) Cyclohexane	8.235	56	94063	16.920	ug/l	88
32) 1,1,1-Trichloroethane	8.147	97	109574	18.995	ug/l	92
36) 1,1-Dichloropropene	8.353	75	79980	17.600	ug/l	95
37) Ethyl Acetate	7.547	43	113191	18.228	ug/l	97
38) Carbon Tetrachloride	8.347	117	90444	20.158	ug/l	90
39) Methylcyclohexane	9.582	83	85020	16.993	ug/l	92
40) Benzene	8.588	78	271184	19.456	ug/l	96

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 Quant Title : SW846 8260
 QLast Update : Fri Aug 22 02:55:42 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.759	41	58048	18.046	ug/l	98
42) 1,2-Dichloroethane	8.653	62	102702	19.174	ug/l	99
43) Isopropyl Acetate	8.671	43	174457	17.994	ug/l	98
44) Trichloroethene	9.335	130	61040	19.181	ug/l	94
45) 1,2-Dichloropropane	9.600	63	66795	18.180	ug/l	95
46) Dibromomethane	9.688	93	51331	19.633	ug/l	92
47) Bromodichloromethane	9.871	83	105583	19.704	ug/l	96
48) Methyl methacrylate	9.665	41	76607	16.705	ug/l	92
49) 1,4-Dioxane	9.682	88	22454	377.761	ug/l #	97
51) 4-Methyl-2-Pentanone	10.424	43	552556	94.461	ug/l	98
52) Toluene	10.606	92	165410	19.142	ug/l	99
53) t-1,3-Dichloropropene	10.818	75	104418	18.826	ug/l	89
54) cis-1,3-Dichloropropene	10.288	75	107138	18.604	ug/l	99
55) 1,1,2-Trichloroethane	11.000	97	68542	20.505	ug/l	96
56) Ethyl methacrylate	10.859	69	98611	18.459	ug/l	97
57) 1,3-Dichloropropane	11.141	76	116155	19.634	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.141	63	268064	92.709	ug/l	98
59) 2-Hexanone	11.176	43	359975	97.372	ug/l	100
60) Dibromochloromethane	11.335	129	80684	20.831	ug/l	98
61) 1,2-Dibromoethane	11.447	107	71844	20.383	ug/l	99
64) Tetrachloroethene	11.082	164	50231	18.500	ug/l	95
65) Chlorobenzene	11.871	112	186668	19.172	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.941	131	66548	20.588	ug/l	99
67) Ethyl Benzene	11.941	91	308913	18.325	ug/l	100
68) m/p-Xylenes	12.047	106	232514	37.608	ug/l	97
69) o-Xylene	12.376	106	112014	18.488	ug/l	95
70) Styrene	12.388	104	192705	18.985	ug/l	99
71) Bromoform	12.559	173	53015	21.386	ug/l #	97
73) Isopropylbenzene	12.676	105	285584	17.189	ug/l	98
74) N-amyl acetate	12.600	43	90796m	14.420	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.918	83	107904	18.864	ug/l	99
76) 1,2,3-Trichloropropane	12.970	75	89330m	18.527	ug/l	
77) Bromobenzene	12.959	156	76224	19.457	ug/l	89
78) n-propylbenzene	13.012	91	354171	17.306	ug/l	97
79) 2-Chlorotoluene	13.106	91	211205	17.149	ug/l	98
80) 1,3,5-Trimethylbenzene	13.153	105	248567	17.635	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.718	75	32625	17.913	ug/l	86
82) 4-Chlorotoluene	13.200	91	220775	17.050	ug/l	95
83) tert-Butylbenzene	13.417	119	209096	17.802	ug/l	97
84) 1,2,4-Trimethylbenzene	13.459	105	255191	18.086	ug/l	100
85) sec-Butylbenzene	13.594	105	308168	17.680	ug/l	99
86) p-Isopropyltoluene	13.706	119	248913	17.294	ug/l	99
87) 1,3-Dichlorobenzene	13.712	146	148846	19.294	ug/l	97
88) 1,4-Dichlorobenzene	13.788	146	152312	18.972	ug/l	98
89) n-Butylbenzene	14.035	91	227083	15.886	ug/l	99
90) Hexachloroethane	14.306	117	49408	18.019	ug/l	85
91) 1,2-Dichlorobenzene	14.088	146	138144	18.875	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.700	75	25171	18.524	ug/l	99
93) 1,2,4-Trichlorobenzene	15.364	180	81531	18.551	ug/l	97
94) Hexachlorobutadiene	15.476	225	29428	18.782	ug/l	97
95) Naphthalene	15.617	128	263685	16.939	ug/l	99
96) 1,2,3-Trichlorobenzene	15.811	180	78054	18.167	ug/l	99

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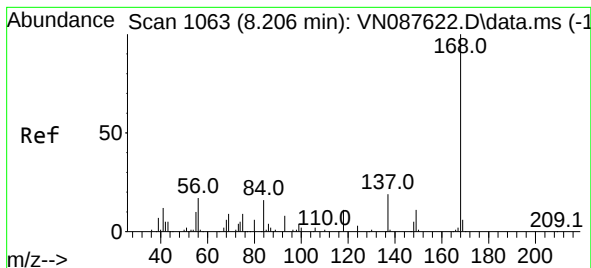
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APPROVED

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Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration

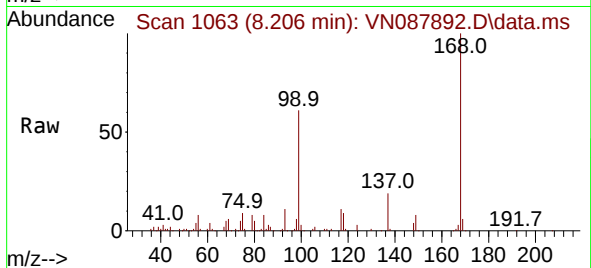
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VN087892.D
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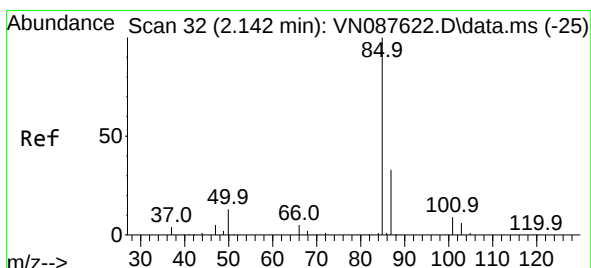
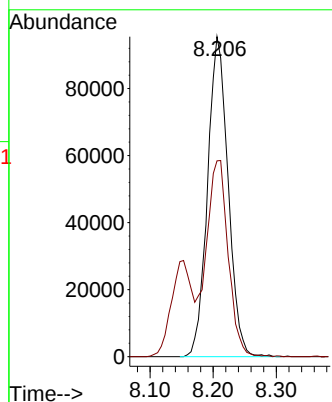
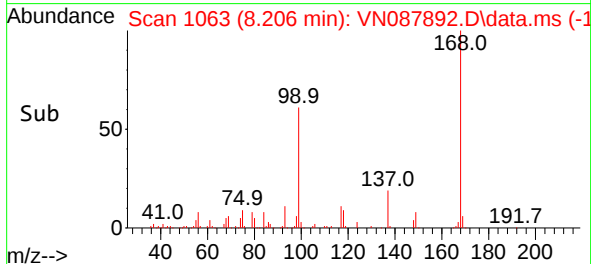
Instrument :
MSVOA_N
ClientSampleId :
VN0918MBS01



Tgt Ion:168 Resp: 21572
Ion Ratio Lower Upper
168 100
99 61.0 57.2 85.8

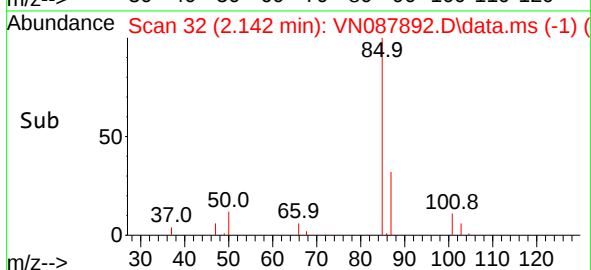
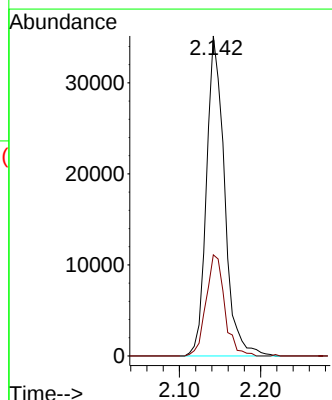
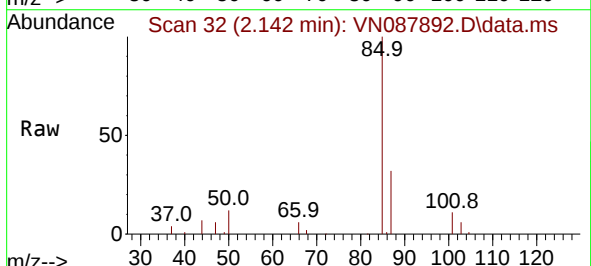
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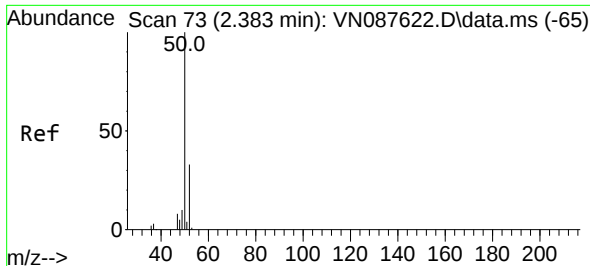
Reviewed By :John Carlone 09/19/2025
Supervised By :Mahesh Dadoda 09/19/2025



#2
Dichlorodifluoromethane
Concen: 17.664 ug/l
RT: 2.142 min Scan# 32
Delta R.T. -0.000 min
Lab File: VN087892.D
Acq: 18 Sep 2025 13:28

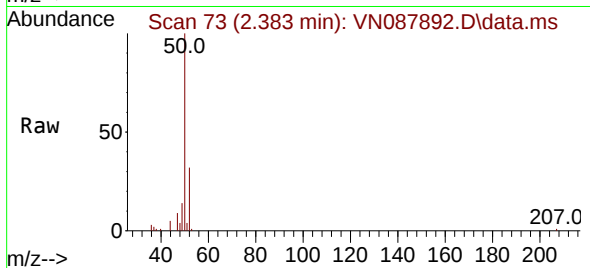
Tgt Ion: 85 Resp: 54121
Ion Ratio Lower Upper
85 100
87 31.6 16.6 49.8





#3
Chloromethane
Concen: 18.826 ug/l
RT: 2.383 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN087892.D
Acq: 18 Sep 2025 13:28

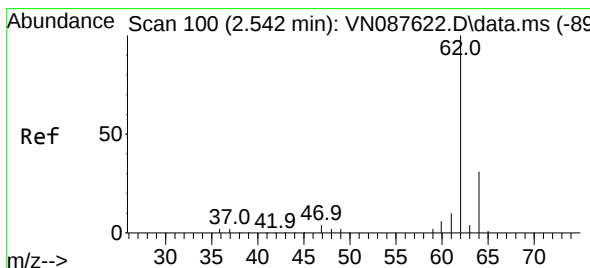
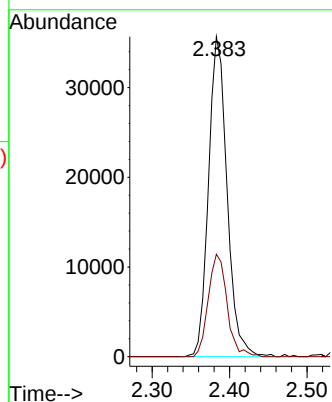
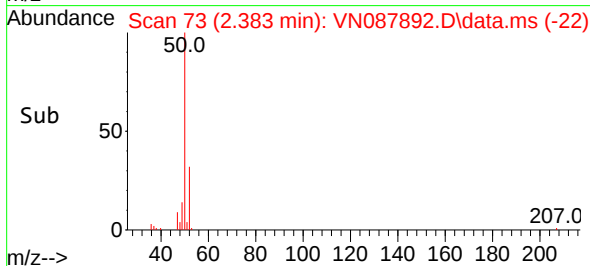
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Tgt Ion: 50 Resp: 5927
Ion Ratio Lower Upper
50 100
52 32.0 26.2 39.4

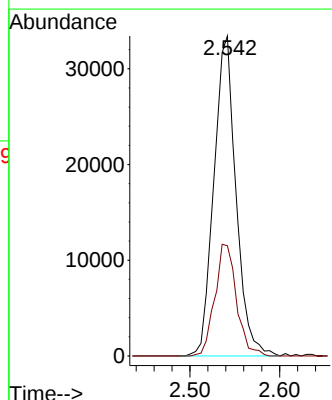
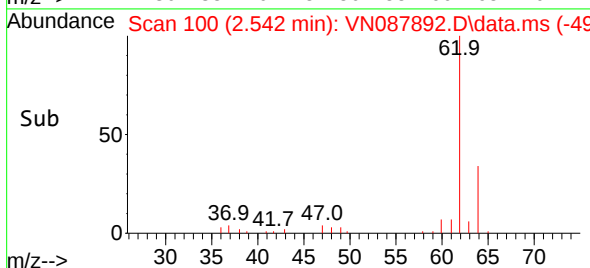
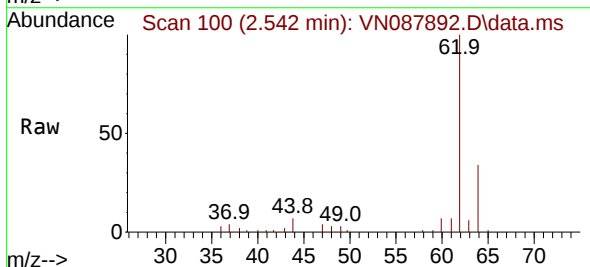
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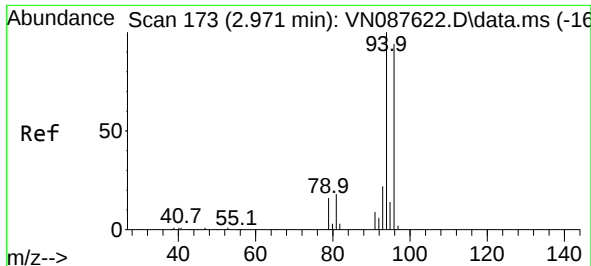
Reviewed By :John Carlone 09/19/2025
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#4
Vinyl Chloride
Concen: 15.662 ug/l
RT: 2.542 min Scan# 100
Delta R.T. -0.000 min
Lab File: VN087892.D
Acq: 18 Sep 2025 13:28

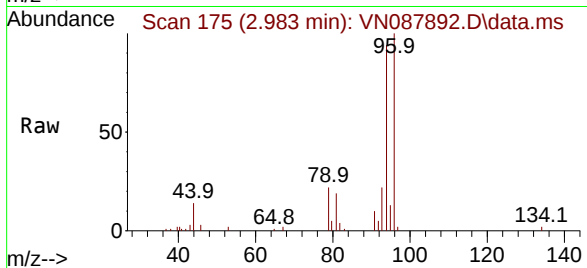
Tgt Ion: 62 Resp: 57178
Ion Ratio Lower Upper
62 100
64 34.4 24.6 37.0





#5
Bromomethane
Concen: 17.467 ug/l
RT: 2.983 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN087892.D
Acq: 18 Sep 2025 13:28

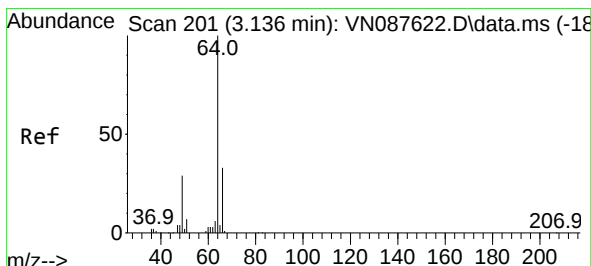
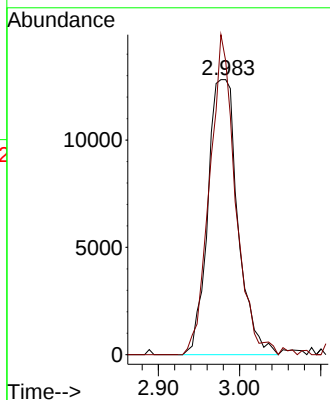
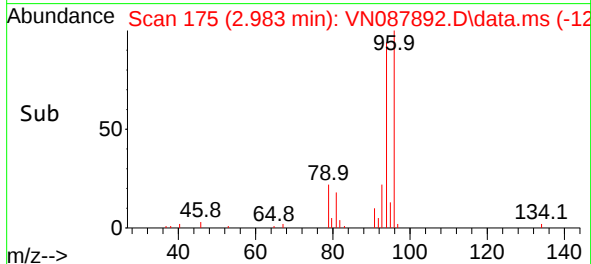
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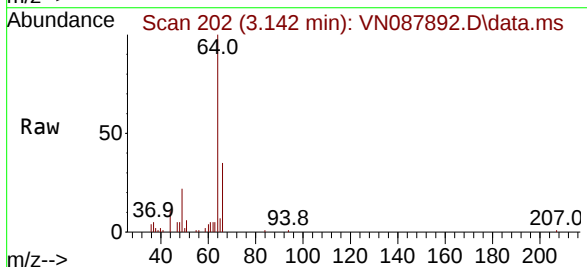
Tgt Ion: 94 Resp: 32904
Ion Ratio Lower Upper
94 100
96 106.7 75.4 113.2

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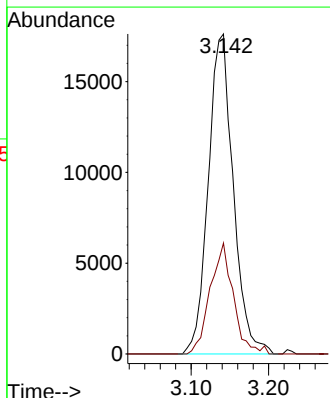
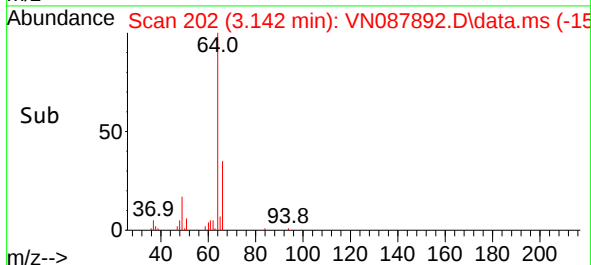
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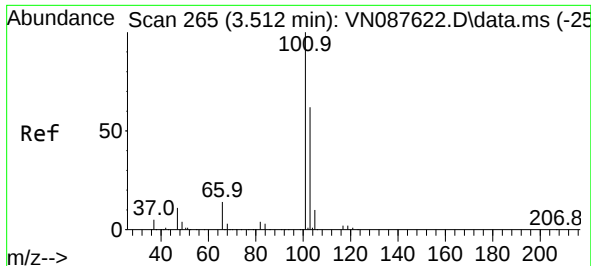


#6
Chloroethane
Concen: 15.385 ug/l
RT: 3.142 min Scan# 202
Delta R.T. 0.006 min
Lab File: VN087892.D
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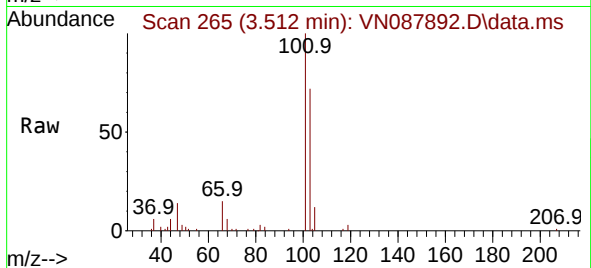
Tgt Ion: 64 Resp: 39476
Ion Ratio Lower Upper
64 100
66 34.6 26.2 39.2





#7
 Trichlorofluoromethane
 Concen: 17.213 ug/l
 RT: 3.512 min Scan# 201
 Delta R.T. -0.000 min
 Lab File: VN087892.D
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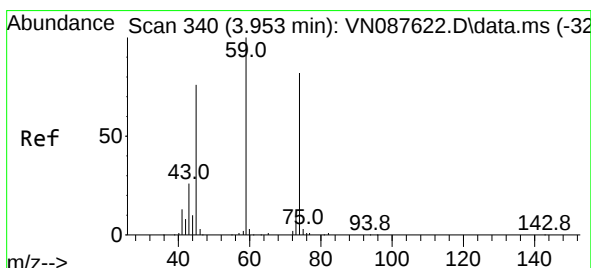
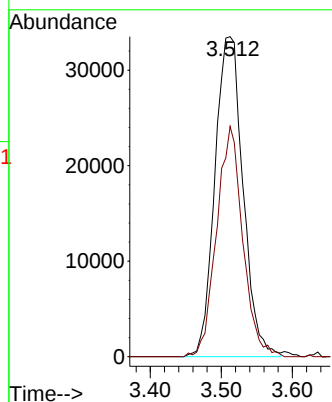
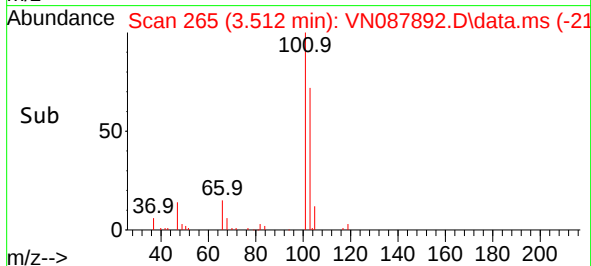
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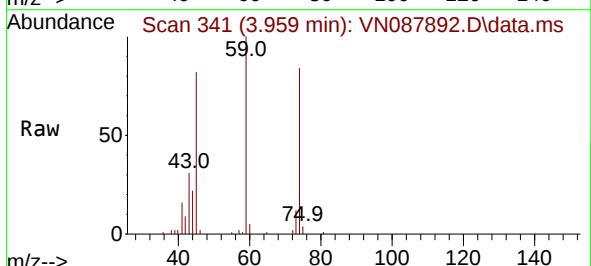
Tgt Ion:101 Resp: 92068
 Ion Ratio Lower Upper
 101 100
 103 72.0 49.4 74.0

Manual Integrations
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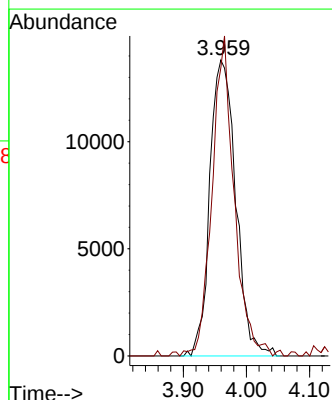
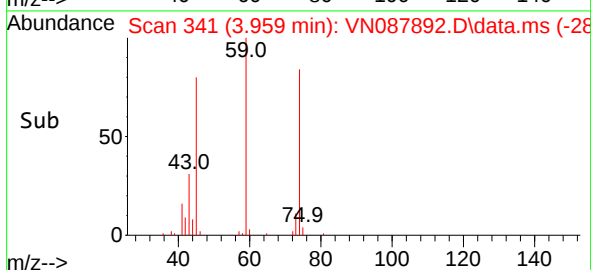
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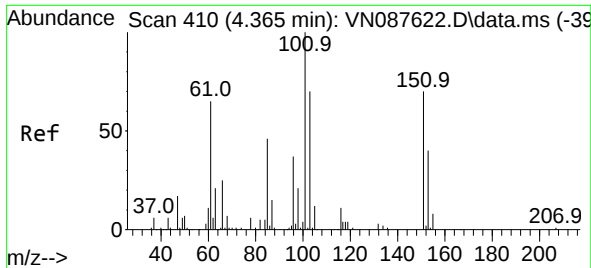


#8
 Diethyl Ether
 Concen: 16.931 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.006 min
 Lab File: VN087892.D
 Acq: 18 Sep 2025 13:28



Tgt Ion: 74 Resp: 39439
 Ion Ratio Lower Upper
 74 100
 45 91.8 50.6 151.9





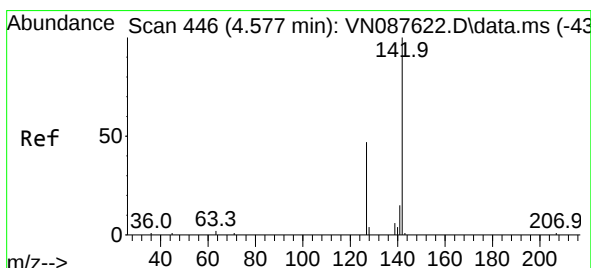
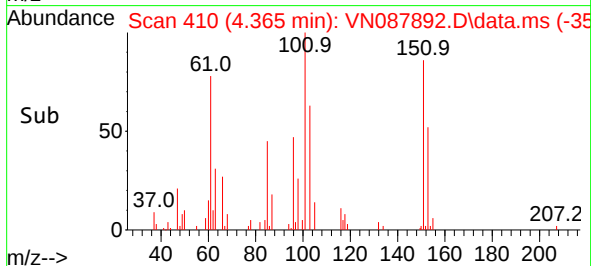
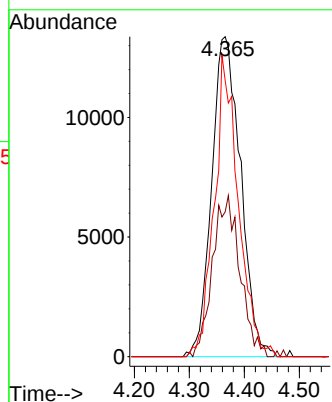
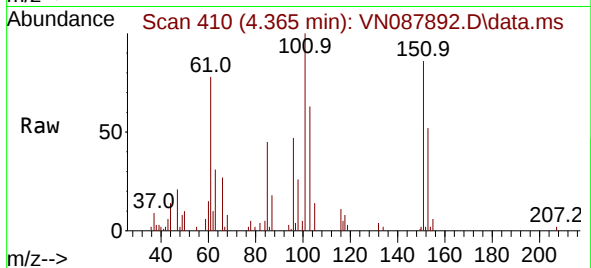
#9
1,1,2-Trichlorotrifluoroethane
Concen: 16.145 ug/l
RT: 4.365 min Scan# 410
Delta R.T. -0.000 min
Lab File: VN087892.D
Acq: 18 Sep 2025 13:28

Instrument :
MSVOA_N
ClientSampleId :
VN0918MBS01

Tgt Ion:101 Resp: 4886
Ion Ratio Lower Upper
101 100
85 47.7 36.6 55.0
151 78.4 54.7 82.1

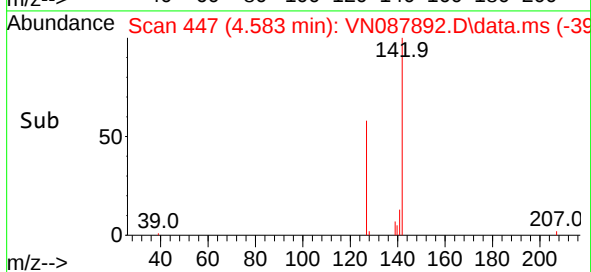
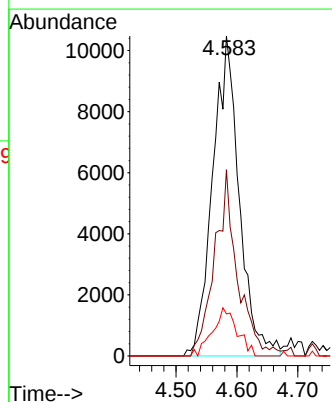
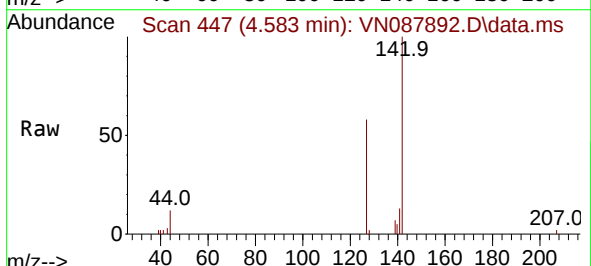
Manual Integrations
APPROVED

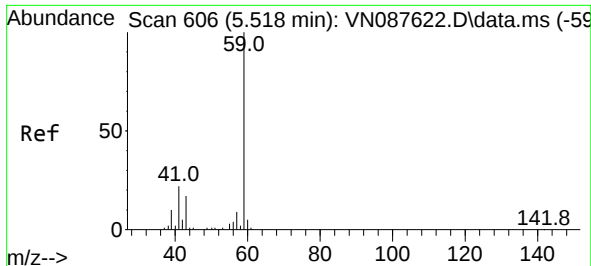
Reviewed By :John Carlone 09/19/2025
Supervised By :Mahesh Dadoda 09/19/2025



#10
Methyl Iodide
Concen: 18.928 ug/l
RT: 4.583 min Scan# 447
Delta R.T. 0.006 min
Lab File: VN087892.D
Acq: 18 Sep 2025 13:28

Tgt Ion:142 Resp: 31730
Ion Ratio Lower Upper
142 100
127 58.2 38.0 57.0#
141 13.1 12.0 18.0





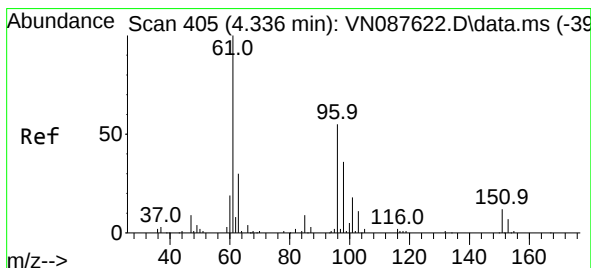
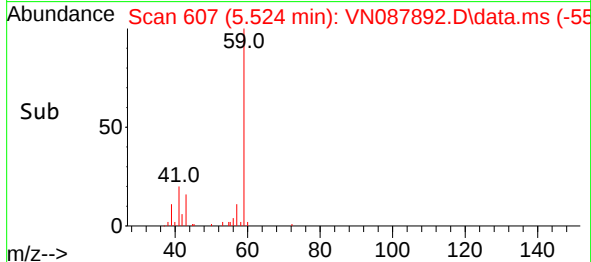
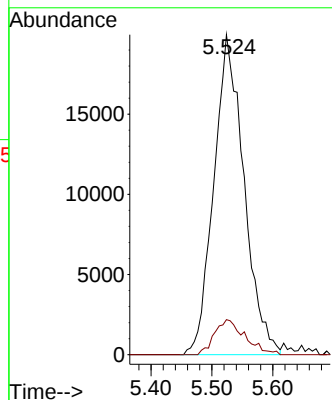
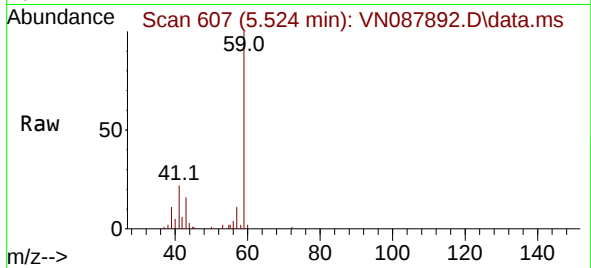
#11
Tert butyl alcohol
Concen: 89.456 ug/l
RT: 5.524 min Scan# 606
Delta R.T. 0.006 min
Lab File: VN087892.D
Acq: 18 Sep 2025 13:28

Instrument :
MSVOA_N
ClientSampleId :
VN0918MBS01

Tgt Ion: 59 Resp: 6864
Ion Ratio Lower Upper
59 100
57 11.1 9.0 13.4

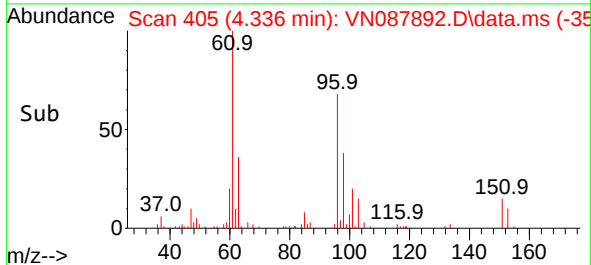
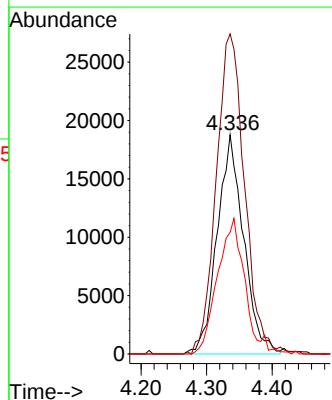
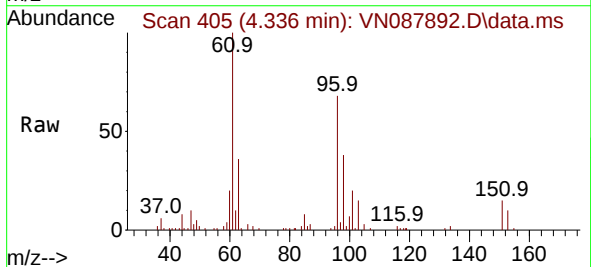
Manual Integrations
APPROVED

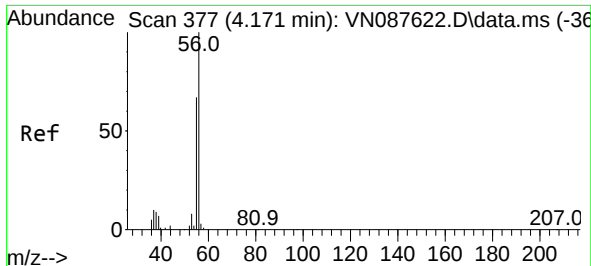
Reviewed By :John Carlone 09/19/2025
Supervised By :Mahesh Dadoda 09/19/2025



#12
1,1-Dichloroethene
Concen: 16.893 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.000 min
Lab File: VN087892.D
Acq: 18 Sep 2025 13:28

Tgt Ion: 96 Resp: 52540
Ion Ratio Lower Upper
96 100
61 146.0 143.8 215.8
98 55.5 52.1 78.1





#13

Acrolein

Concen: 75.628 ug/l

RT: 4.177 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN087892.D

Acq: 18 Sep 2025 13:28

Instrument :

MSVOA_N

ClientSampleId :

VN0918MBS01

Tgt Ion: 56 Resp: 7134

Ion Ratio Lower Upper

56 100

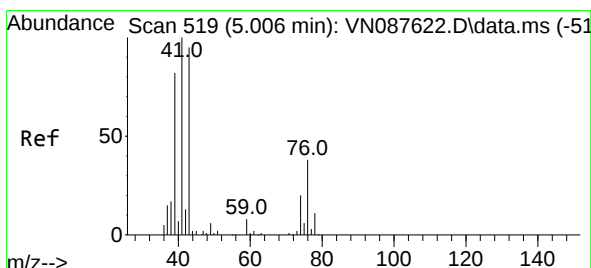
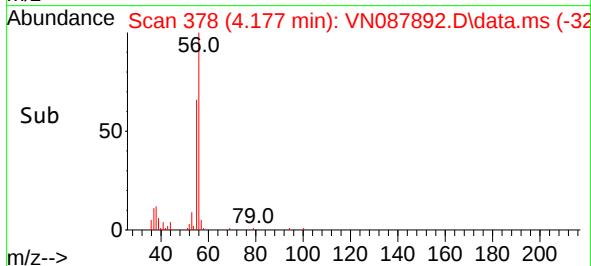
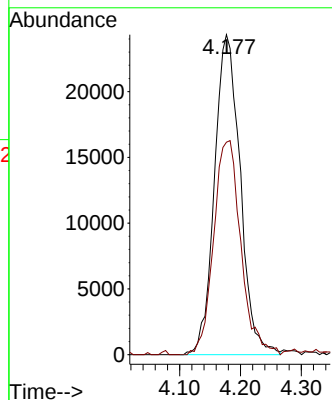
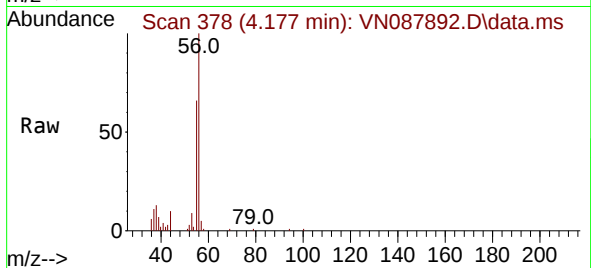
55 70.8 57.3 85.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/19/2025

Supervised By :Mahesh Dadoda 09/19/2025



#14

Allyl chloride

Concen: 16.125 ug/l

RT: 5.012 min Scan# 520

Delta R.T. 0.006 min

Lab File: VN087892.D

Acq: 18 Sep 2025 13:28

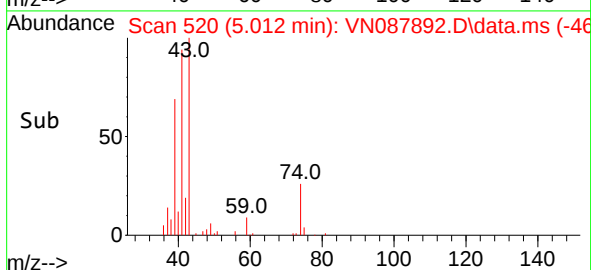
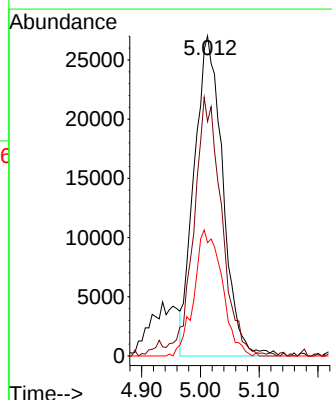
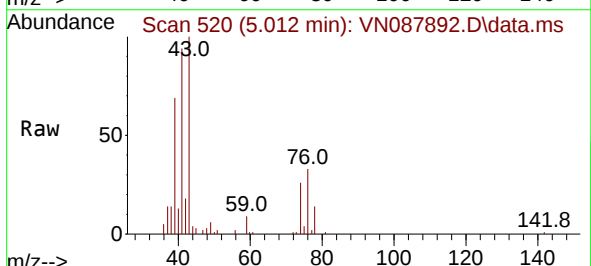
Tgt Ion: 41 Resp: 90885

Ion Ratio Lower Upper

41 100

39 78.9 63.9 95.9

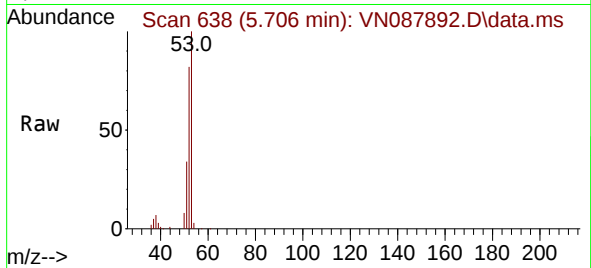
76 38.7 28.1 42.1





#15
Acrylonitrile
Concen: 92.414 ug/l
RT: 5.706 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN087892.D
Acq: 18 Sep 2025 13:28

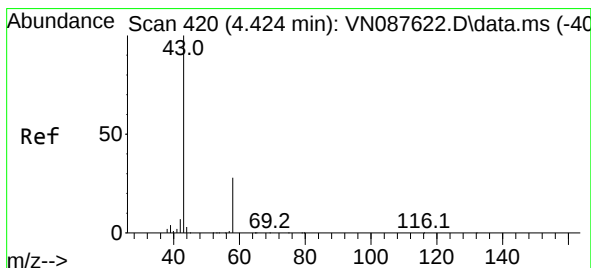
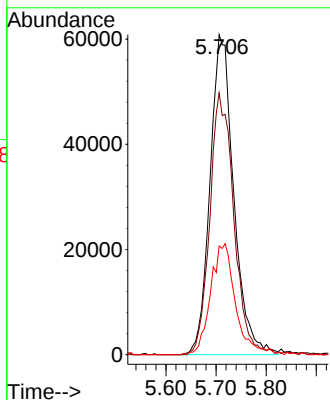
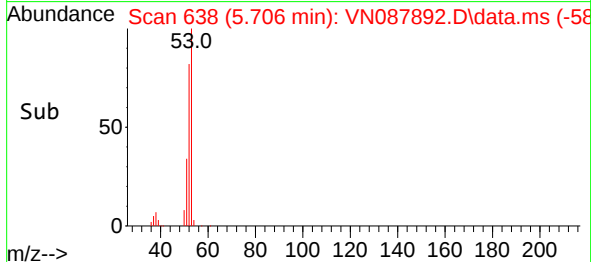
Instrument :
MSVOA_N
ClientSampleId :
VN0918MBS01



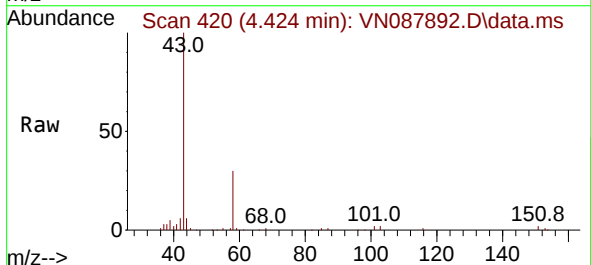
Tgt Ion: 53 Resp: 19998
Ion Ratio Lower Upper
53 100
52 82.6 67.6 101.4
51 36.5 30.1 45.1

Manual Integrations
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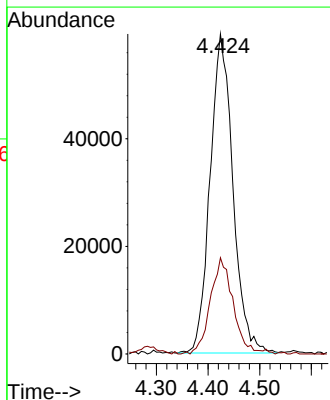
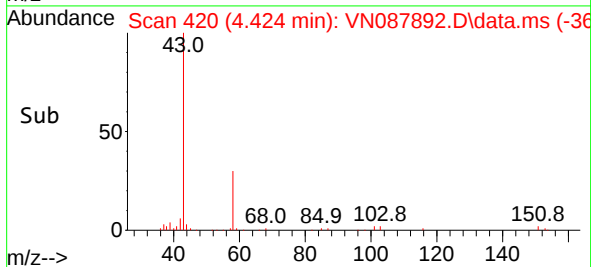
Reviewed By :John Carlone 09/19/2025
Supervised By :Mahesh Dadoda 09/19/2025

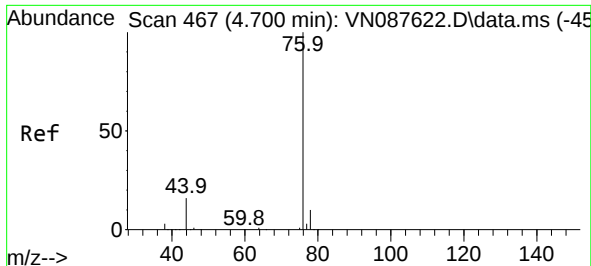


#16
Acetone
Concen: 75.589 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN087892.D
Acq: 18 Sep 2025 13:28



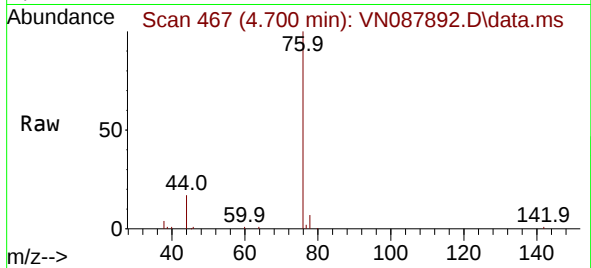
Tgt Ion: 43 Resp: 181871
Ion Ratio Lower Upper
43 100
58 30.1 22.6 33.8





#17
Carbon Disulfide
Concen: 18.471 ug/l
RT: 4.700 min Scan# 467
Delta R.T. -0.000 min
Lab File: VN087892.D
Acq: 18 Sep 2025 13:28

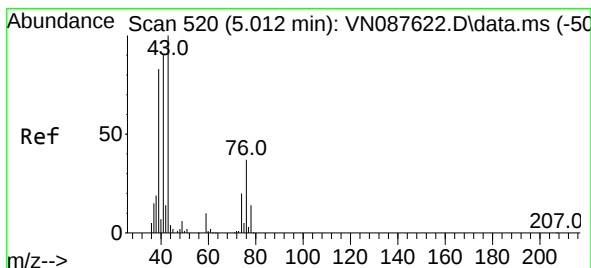
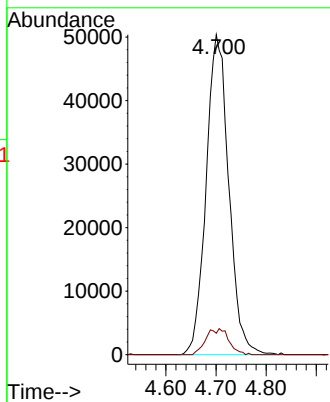
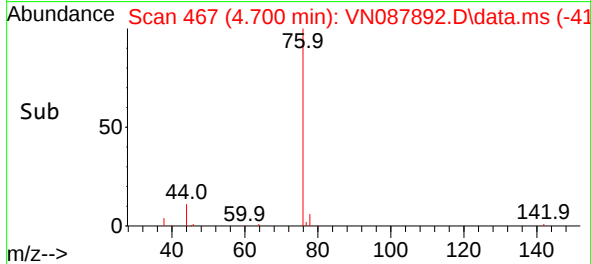
Instrument :
MSVOA_N
ClientSampleId :
VN0918MBS01



Tgt Ion: 76 Resp: 15815
Ion Ratio Lower Upper
76 100
78 6.7 7.6 11.4

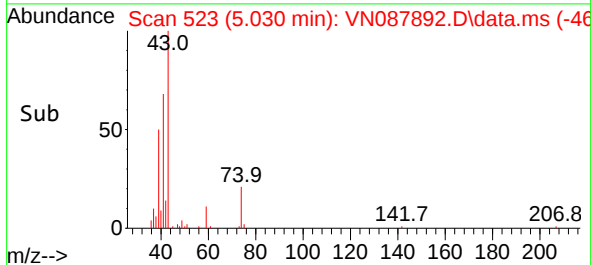
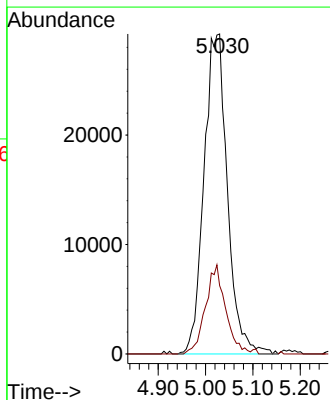
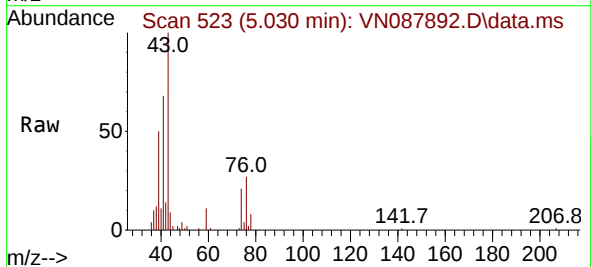
Manual Integrations
APPROVED

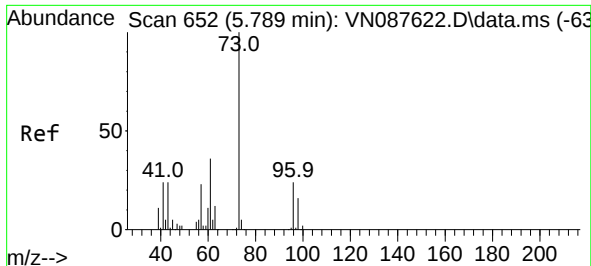
Reviewed By :John Carlone 09/19/2025
Supervised By :Mahesh Dadoda 09/19/2025



#18
Methyl Acetate
Concen: 19.926 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.018 min
Lab File: VN087892.D
Acq: 18 Sep 2025 13:28

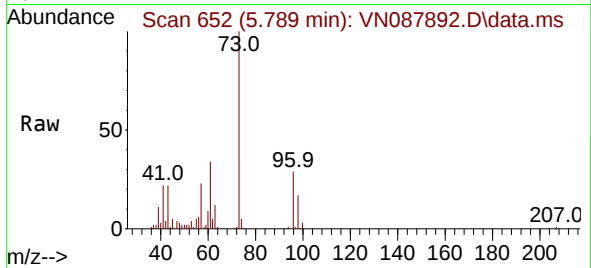
Tgt Ion: 43 Resp: 100383
Ion Ratio Lower Upper
43 100
74 23.8 17.6 26.4





#19
Methyl tert-butyl Ether
Concen: 18.451 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN087892.D
Acq: 18 Sep 2025 13:28

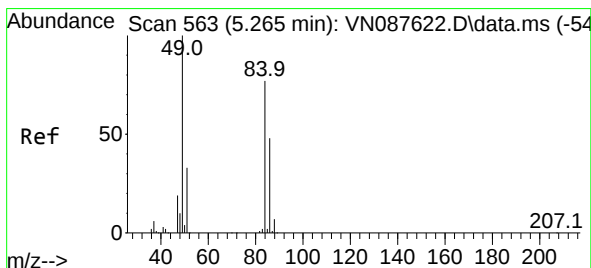
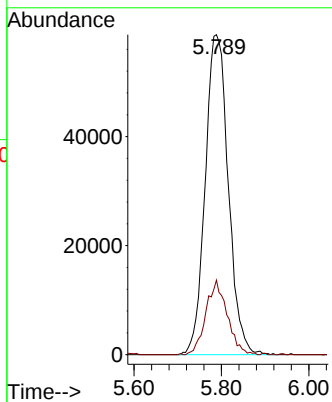
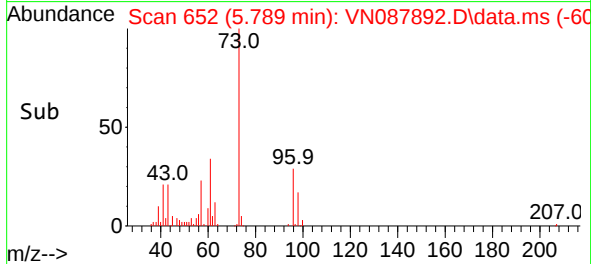
Instrument :
MSVOA_N
ClientSampleId :
VN0918MBS01



Tgt Ion: 73 Resp: 21527
Ion Ratio Lower Upper
73 100
57 23.3 18.4 27.6

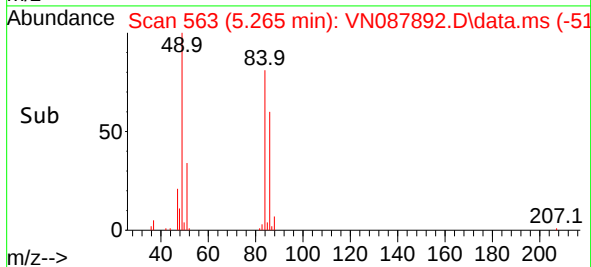
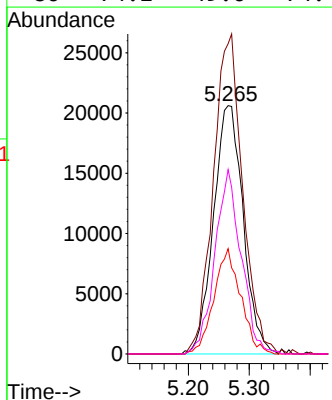
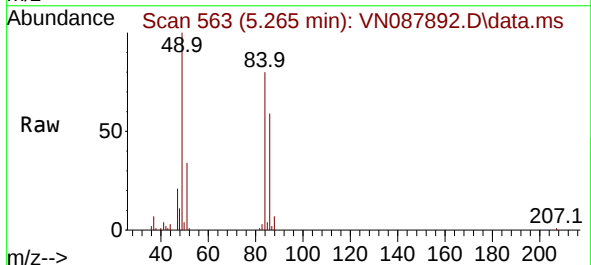
Manual Integrations
APPROVED

Reviewed By :John Carlone 09/19/2025
Supervised By :Mahesh Dadoda 09/19/2025



#20
Methylene Chloride
Concen: 19.305 ug/l
RT: 5.265 min Scan# 563
Delta R.T. 0.000 min
Lab File: VN087892.D
Acq: 18 Sep 2025 13:28

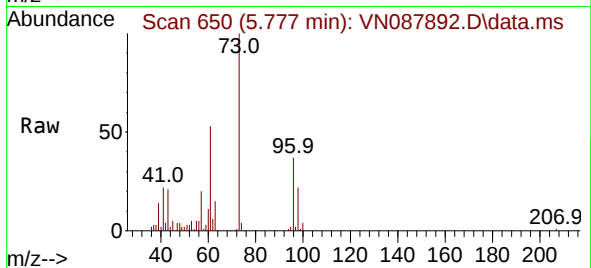
Tgt Ion: 84 Resp: 69838
Ion Ratio Lower Upper
84 100
49 124.9 103.4 155.2
51 42.4 33.8 50.8
86 74.2 49.6 74.4





#21
trans-1,2-Dichloroethene
Concen: 18.662 ug/l
RT: 5.777 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN087892.D
Acq: 18 Sep 2025 13:28

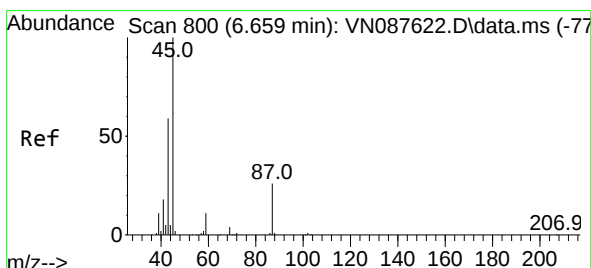
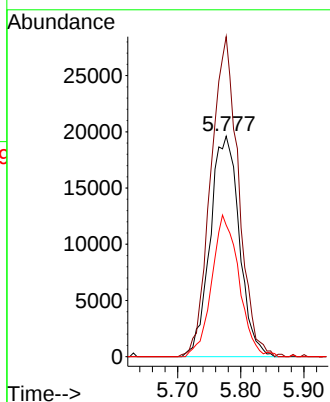
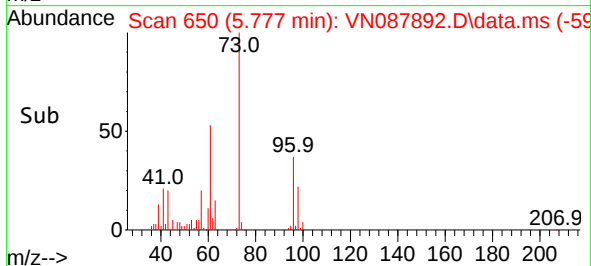
Instrument :
MSVOA_N
ClientSampleId :
VN0918MBS01



Tgt Ion: 96 Resp: 6290
Ion Ratio Lower Upper
96 100
61 145.1 118.0 177.0
98 59.6 50.0 75.0

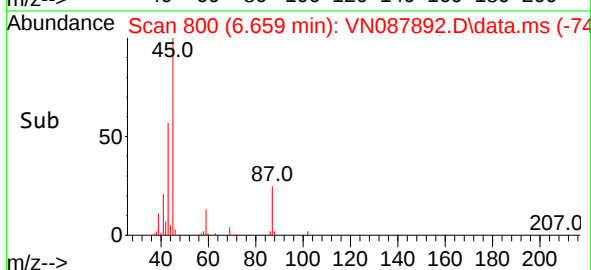
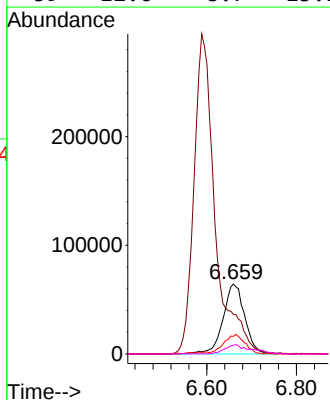
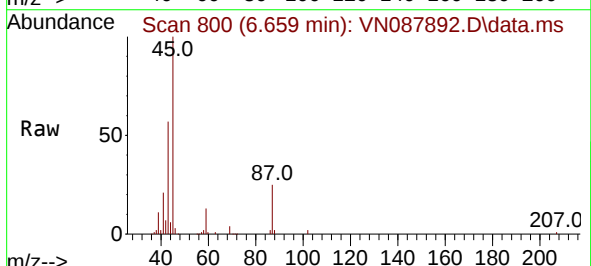
Manual Integrations
APPROVED

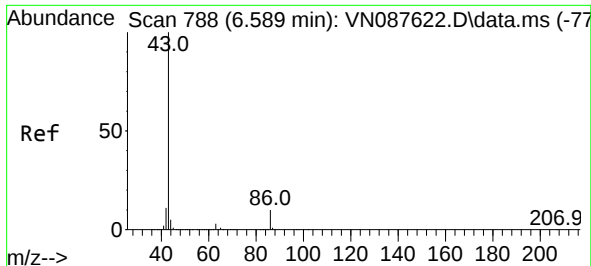
Reviewed By :John Carlone 09/19/2025
Supervised By :Mahesh Dadoda 09/19/2025



#22
Diisopropyl ether
Concen: 17.689 ug/l
RT: 6.659 min Scan# 800
Delta R.T. -0.000 min
Lab File: VN087892.D
Acq: 18 Sep 2025 13:28

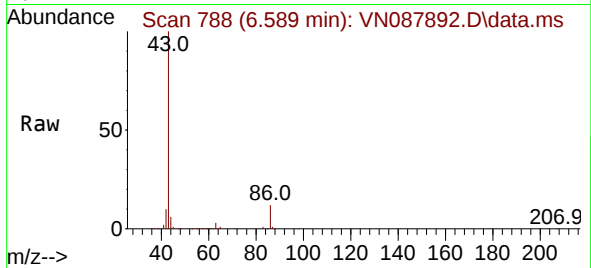
Tgt Ion: 45 Resp: 215152
Ion Ratio Lower Upper
45 100
43 55.2 47.7 71.5
87 24.8 21.4 32.0
59 12.6 8.7 13.1





#23
 Vinyl Acetate
 Concen: 87.264 ug/l
 RT: 6.589 min Scan# 788
 Delta R.T. -0.000 min
 Lab File: VN087892.D
 Acq: 18 Sep 2025 13:28

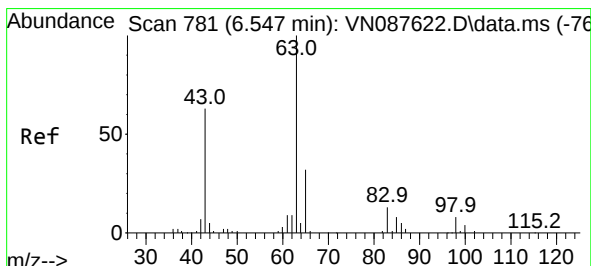
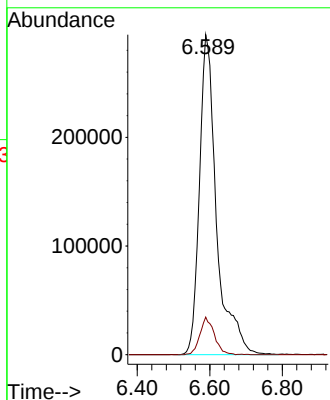
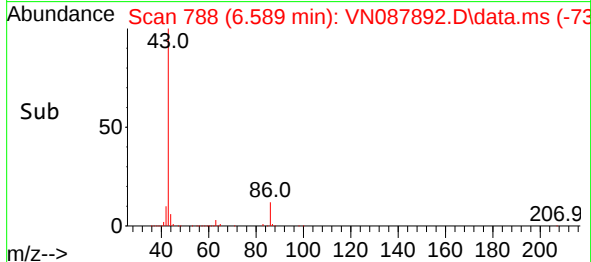
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0918MBS01



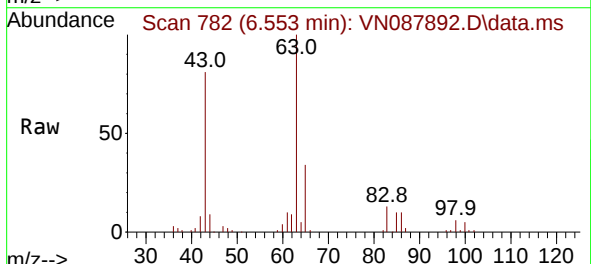
Tgt Ion: 43 Resp: 965624
 Ion Ratio Lower Upper
 43 100
 86 11.7 8.2 12.4

Manual Integrations
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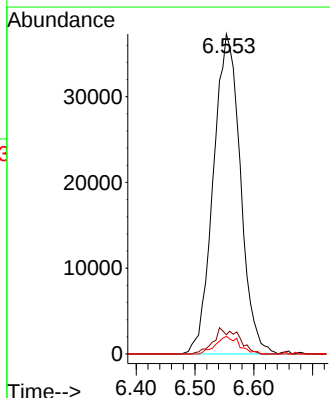
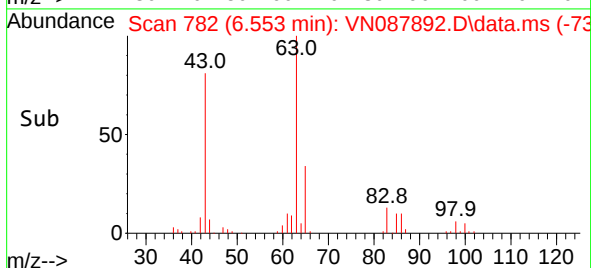
Reviewed By :John Carlone 09/19/2025
 Supervised By :Mahesh Dadoda 09/19/2025

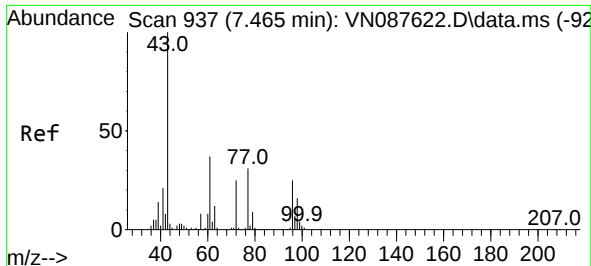


#24
 1,1-Dichloroethane
 Concen: 17.900 ug/l
 RT: 6.553 min Scan# 782
 Delta R.T. 0.006 min
 Lab File: VN087892.D
 Acq: 18 Sep 2025 13:28



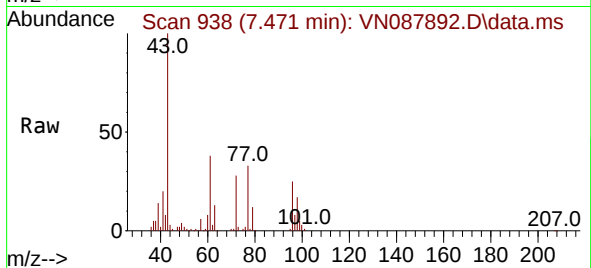
Tgt Ion: 63 Resp: 119368
 Ion Ratio Lower Upper
 63 100
 98 6.0 3.8 11.4
 100 5.5 2.0 6.0





#25
2-Butanone
Concen: 89.736 ug/l
RT: 7.471 min Scan# 938
Delta R.T. 0.006 min
Lab File: VN087892.D
Acq: 18 Sep 2025 13:28

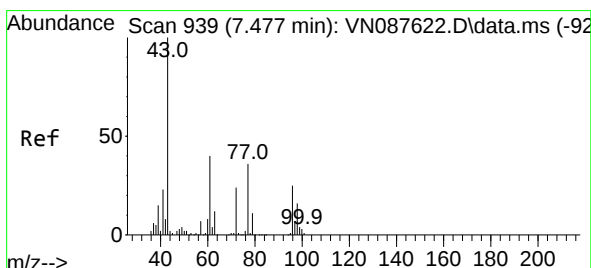
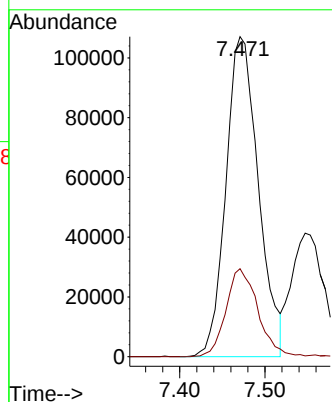
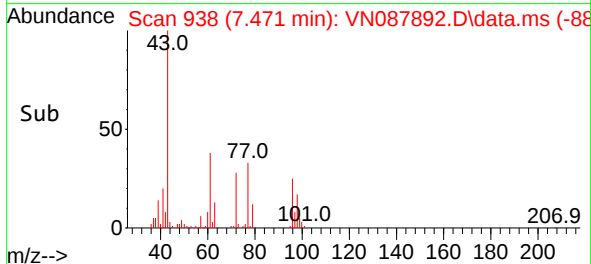
Instrument :
MSVOA_N
ClientSampleId :
VN0918MBS01



Tgt Ion: 43 Resp: 284058
Ion Ratio Lower Upper
43 100
72 27.5 19.9 29.9

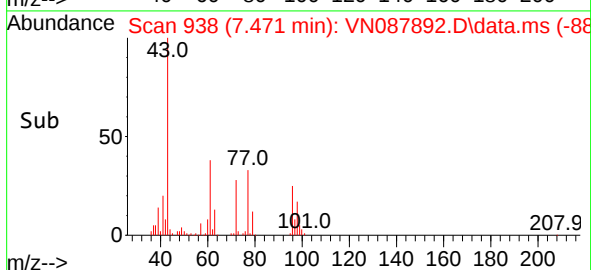
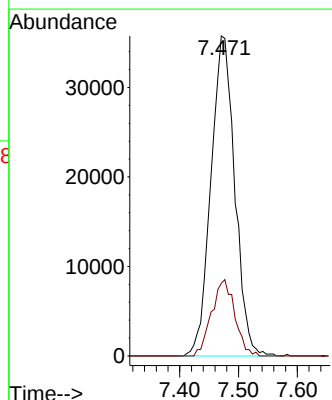
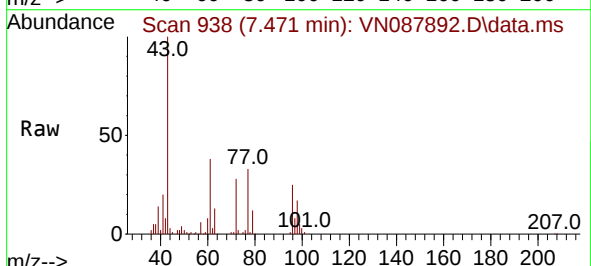
Manual Integrations
APPROVED

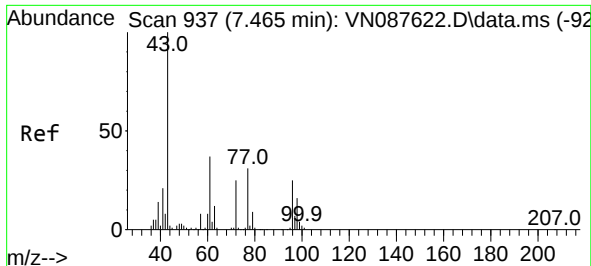
Reviewed By :John Carlone 09/19/2025
Supervised By :Mahesh Dadoda 09/19/2025



#26
2,2-Dichloropropane
Concen: 17.628 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.006 min
Lab File: VN087892.D
Acq: 18 Sep 2025 13:28

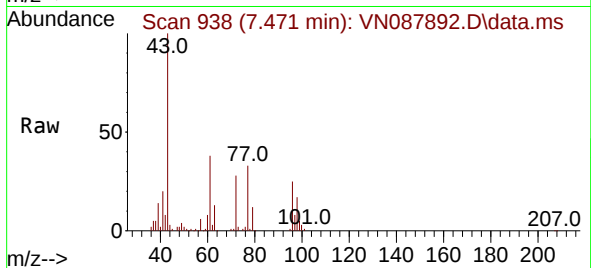
Tgt Ion: 77 Resp: 100894
Ion Ratio Lower Upper
77 100
97 23.2 10.9 32.7





#27
 cis-1,2-Dichloroethene
 Concen: 18.299 ug/l
 RT: 7.471 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VN087892.D
 Acq: 18 Sep 2025 13:28

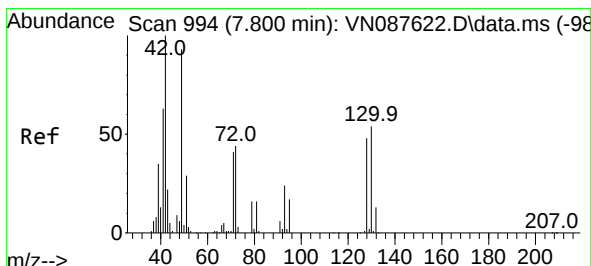
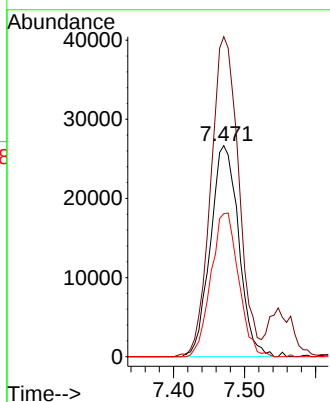
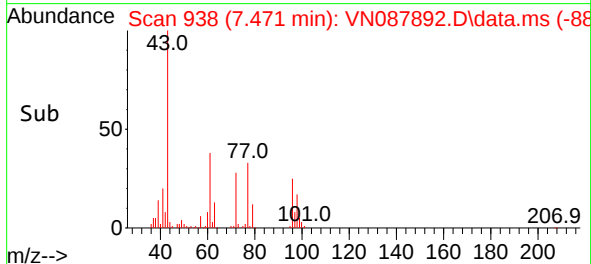
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0918MBS01



Tgt Ion: 96 Resp: 73738
 Ion Ratio Lower Upper
 96 100
 61 150.4 0.0 301.8
 98 66.4 0.0 126.2

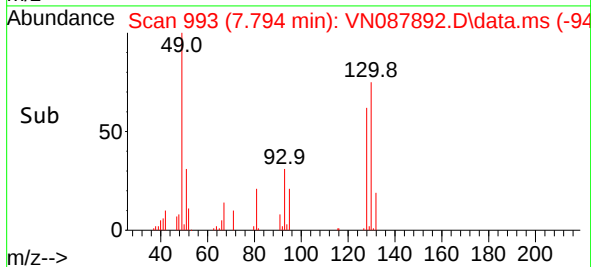
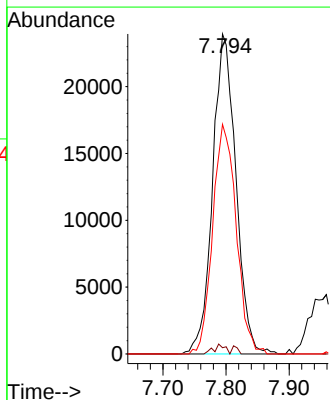
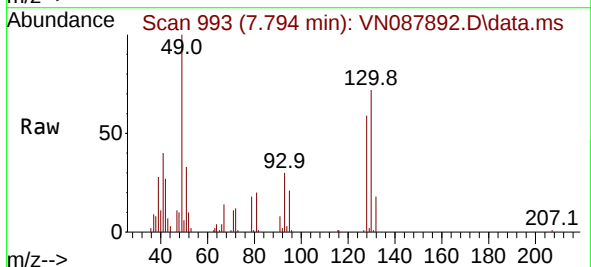
Manual Integrations
 APPROVED

Reviewed By :John Carlone 09/19/2025
 Supervised By :Mahesh Dadoda 09/19/2025



#28
 Bromochloromethane
 Concen: 19.008 ug/l
 RT: 7.794 min Scan# 993
 Delta R.T. -0.006 min
 Lab File: VN087892.D
 Acq: 18 Sep 2025 13:28

Tgt Ion: 49 Resp: 61282
 Ion Ratio Lower Upper
 49 100
 129 1.5 0.0 3.0
 130 72.7 53.1 79.7





#29

Tetrahydrofuran

Concen: 87.879 ug/l

RT: 7.830 min Scan# 998

Delta R.T. 0.006 min

Lab File: VN087892.D

Acq: 18 Sep 2025 13:28

Instrument :

MSVOA_N

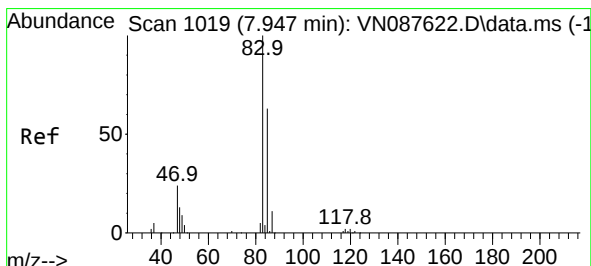
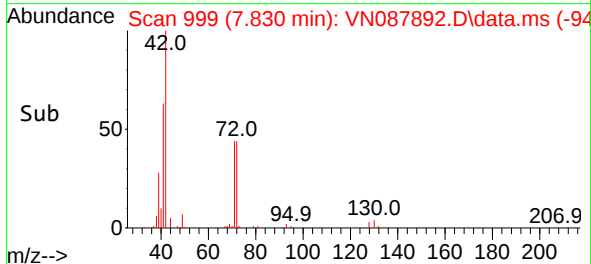
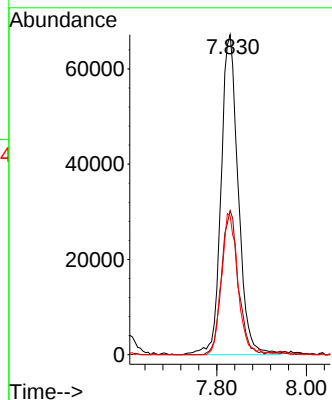
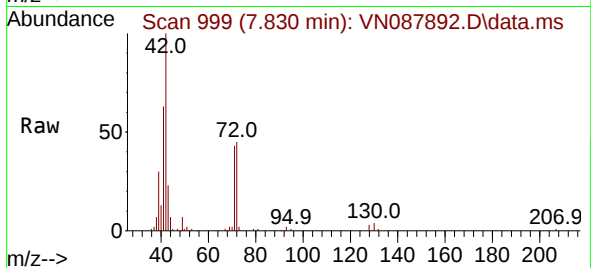
ClientSampleId :

VN0918MBS01

Tgt Ion:	42	Resp:	17902
Ion Ratio	Lower	Upper	
42	100		
72	43.8	33.7	50.5
71	42.7	31.9	47.9

Manual Integrations
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Reviewed By :John Carlone 09/19/2025
Supervised By :Mahesh Dadoda 09/19/2025



#30

Chloroform

Concen: 19.535 ug/l

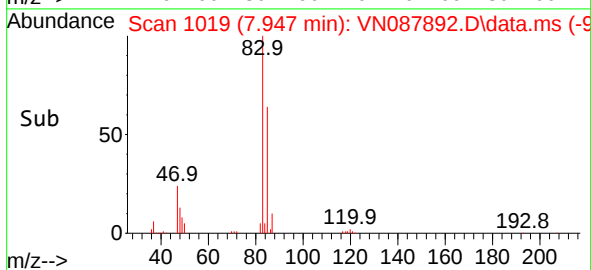
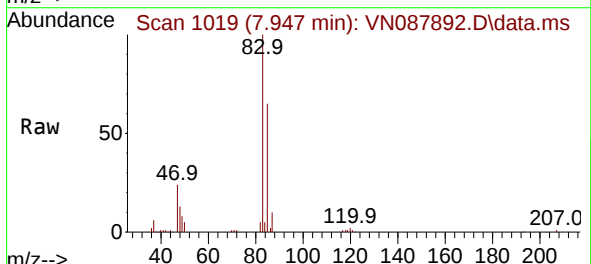
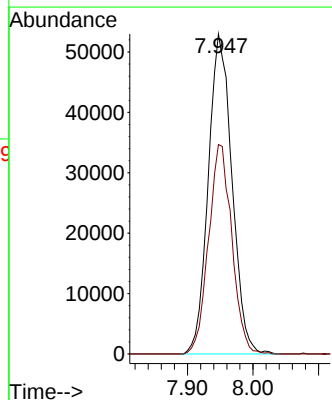
RT: 7.947 min Scan# 1019

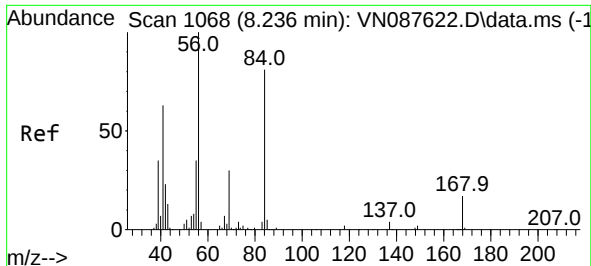
Delta R.T. -0.000 min

Lab File: VN087892.D

Acq: 18 Sep 2025 13:28

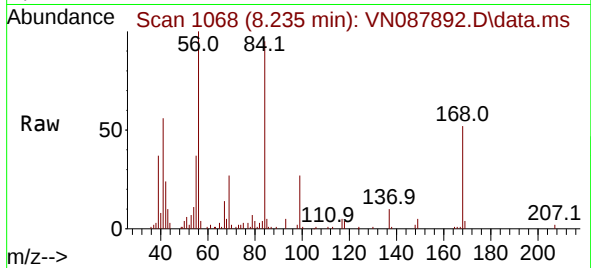
Tgt Ion:	83	Resp:	132968
Ion Ratio	Lower	Upper	
83	100		
85	65.5	50.7	76.1





#31
Cyclohexane
Concen: 16.920 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VN087892.D
Acq: 18 Sep 2025 13:28

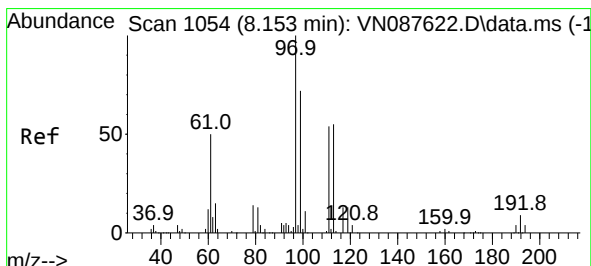
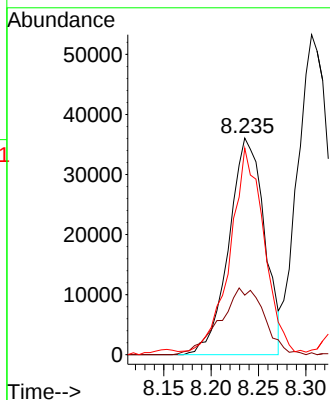
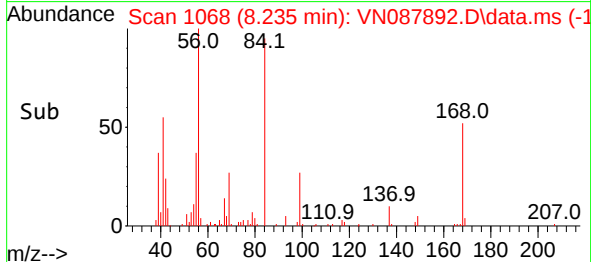
Instrument :
MSVOA_N
ClientSampleId :
VN0918MBS01



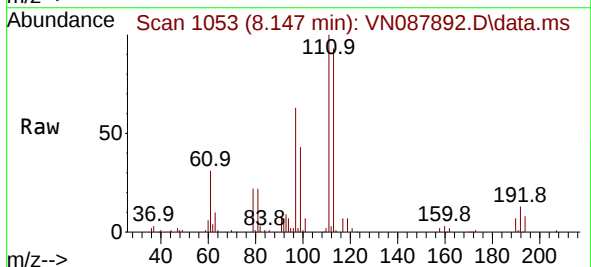
Tgt Ion: 56 Resp: 9406
Ion Ratio Lower Upper
56 100
69 27.0 23.7 35.5
84 93.8 64.7 97.1

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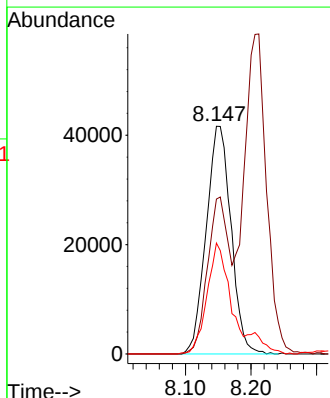
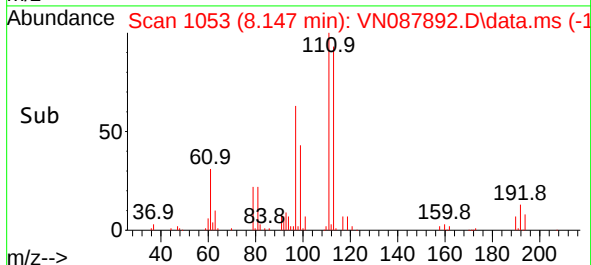
Reviewed By :John Carlone 09/19/2025
Supervised By :Mahesh Dadoda 09/19/2025

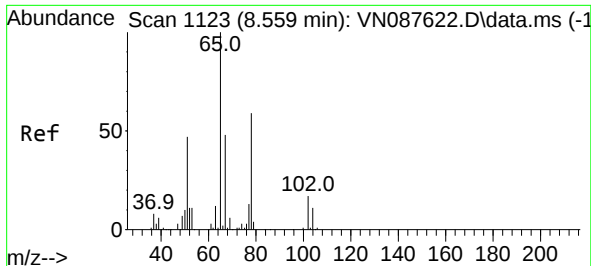


#32
1,1,1-Trichloroethane
Concen: 18.995 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN087892.D
Acq: 18 Sep 2025 13:28



Tgt Ion: 97 Resp: 109574
Ion Ratio Lower Upper
97 100
99 59.1 52.2 78.2
61 45.4 41.2 61.8





#33

1,2-Dichloroethane-d4

Concen: 44.481 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. -0.000 min

Lab File: VN087892.D

Acq: 18 Sep 2025 13:28

Instrument :

MSVOA_N

ClientSampleId :

VN0918MBS01

Tgt Ion: 65 Resp: 196602

Ion Ratio Lower Upper

65 100

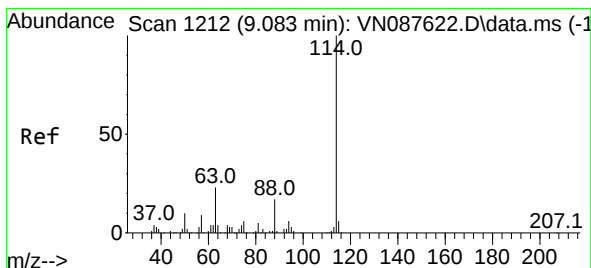
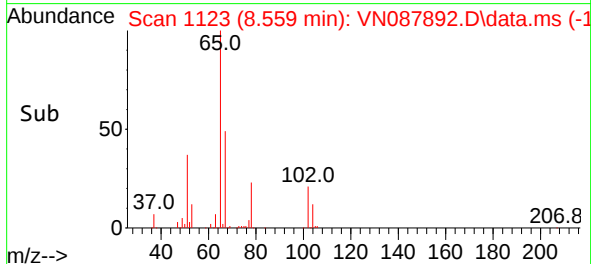
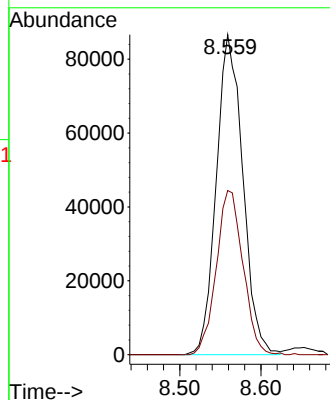
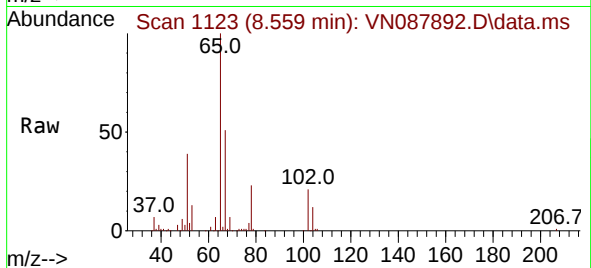
67 51.6 0.0 100.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/19/2025

Supervised By :Mahesh Dadoda 09/19/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.082 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VN087892.D

Acq: 18 Sep 2025 13:28

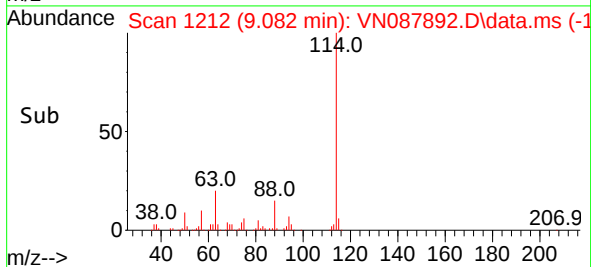
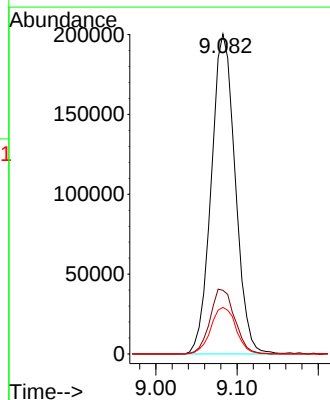
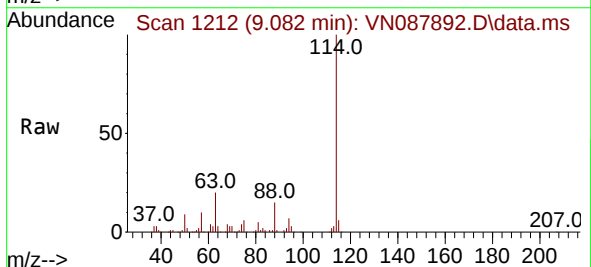
Tgt Ion:114 Resp: 410284

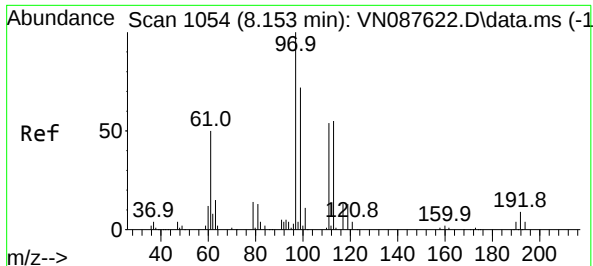
Ion Ratio Lower Upper

114 100

63 19.9 0.0 45.2

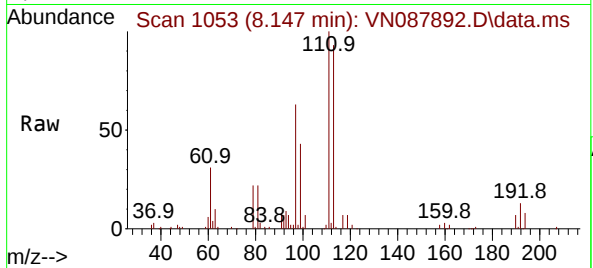
88 14.5 0.0 33.4





#35
Dibromofluoromethane
Concen: 50.785 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN087892.D
Acq: 18 Sep 2025 13:28

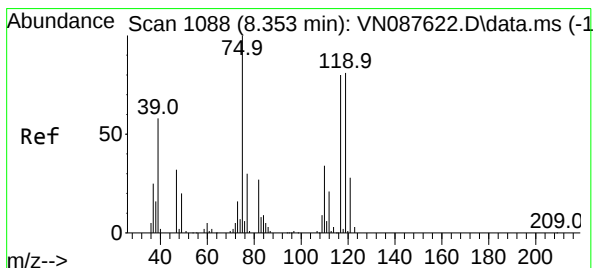
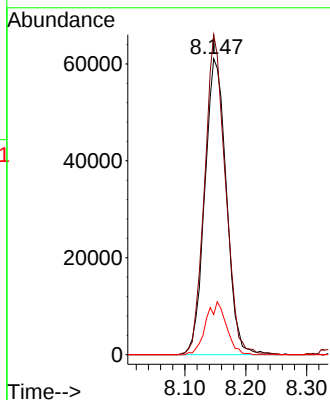
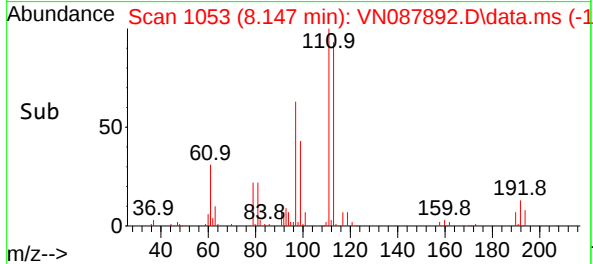
Instrument :
MSVOA_N
ClientSampleId :
VN0918MBS01



Tgt Ion: 113 Resp: 150438
Ion Ratio Lower Upper
113 100
111 104.0 82.8 124.2
192 17.0 12.8 19.2

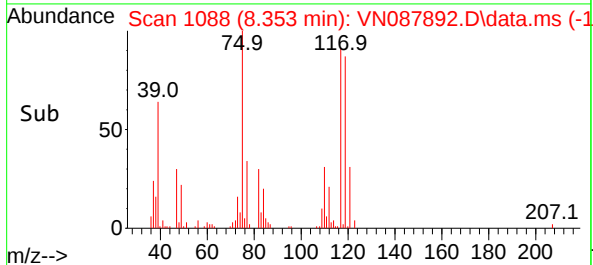
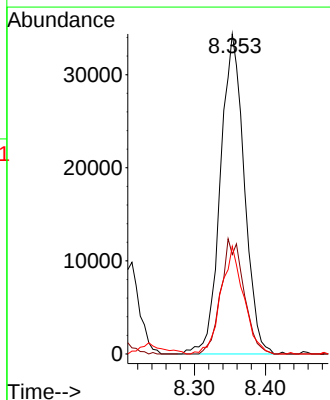
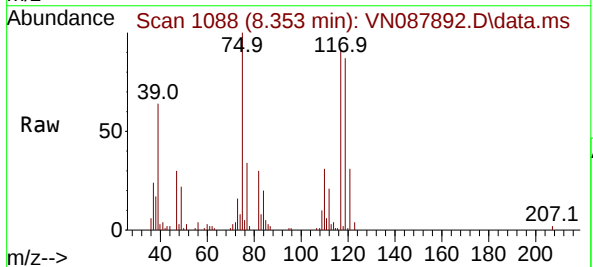
Manual Integrations
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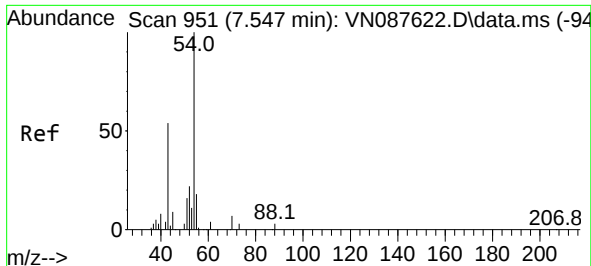
Reviewed By :John Carlone 09/19/2025
Supervised By :Mahesh Dadoda 09/19/2025



#36
1,1-Dichloropropene
Concen: 17.600 ug/l
RT: 8.353 min Scan# 1088
Delta R.T. -0.000 min
Lab File: VN087892.D
Acq: 18 Sep 2025 13:28

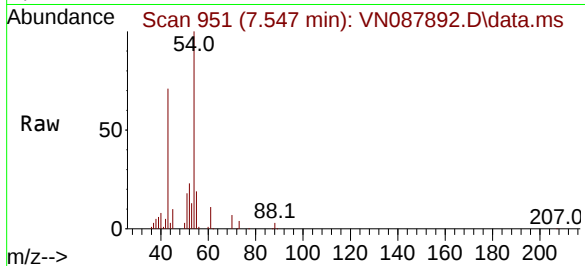
Tgt Ion: 75 Resp: 79980
Ion Ratio Lower Upper
75 100
110 35.1 15.9 47.6
77 32.3 24.4 36.6





#37
Ethyl Acetate
Concen: 18.228 ug/l
RT: 7.547 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN087892.D
Acq: 18 Sep 2025 13:28

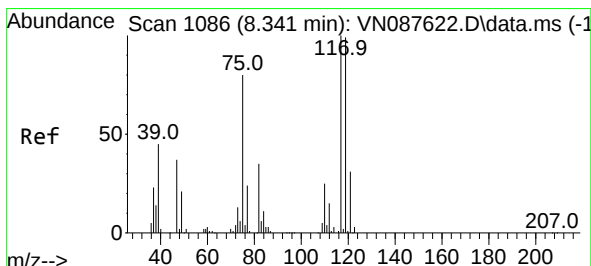
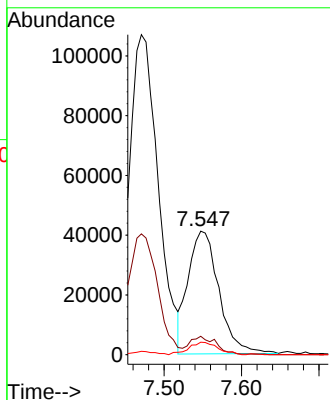
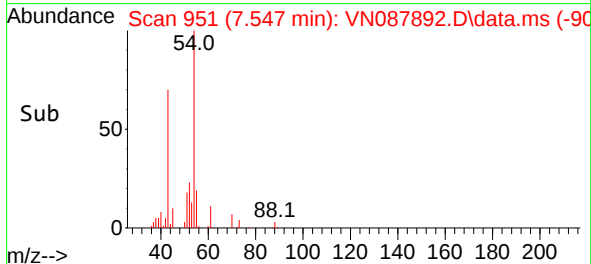
Instrument :
MSVOA_N
ClientSampleId :
VN0918MBS01



Tgt Ion: 43 Resp: 11319
Ion Ratio Lower Upper
43 100
61 12.9 9.3 13.9
70 9.6 7.0 10.6

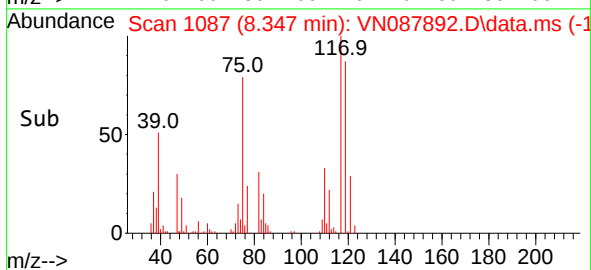
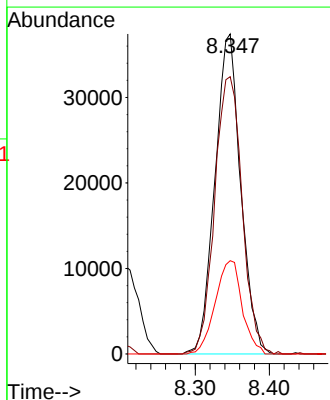
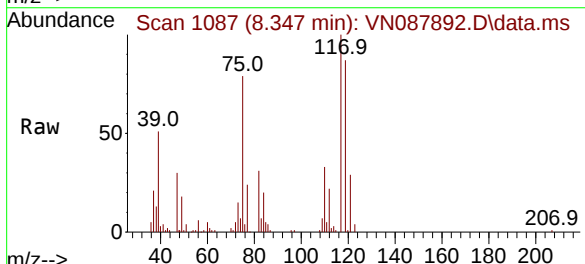
Manual Integrations
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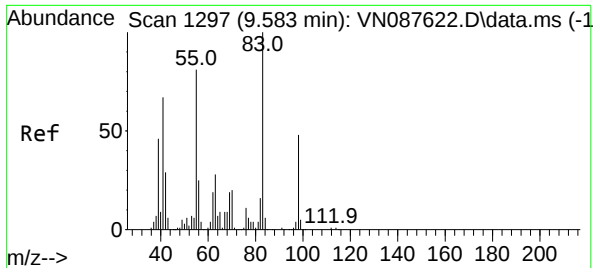
Reviewed By :John Carlone 09/19/2025
Supervised By :Mahesh Dadoda 09/19/2025



#38
Carbon Tetrachloride
Concen: 20.158 ug/l
RT: 8.347 min Scan# 1087
Delta R.T. 0.006 min
Lab File: VN087892.D
Acq: 18 Sep 2025 13:28

Tgt Ion:117 Resp: 90444
Ion Ratio Lower Upper
117 100
119 86.6 79.0 118.6
121 29.1 25.0 37.6





#39

Methylcyclohexane

Concen: 16.993 ug/l

RT: 9.582 min Scan# 1297

Delta R.T. -0.000 min

Lab File: VN087892.D

Acq: 18 Sep 2025 13:28

Instrument :

MSVOA_N

ClientSampleId :

VN0918MBS01

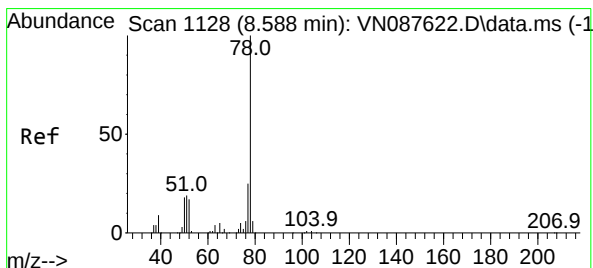
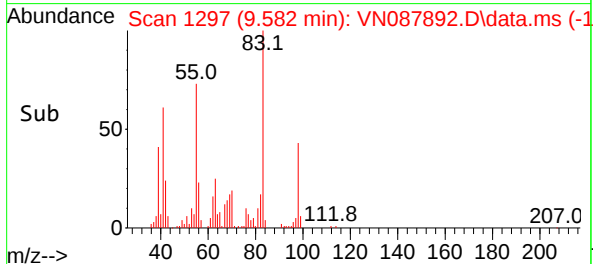
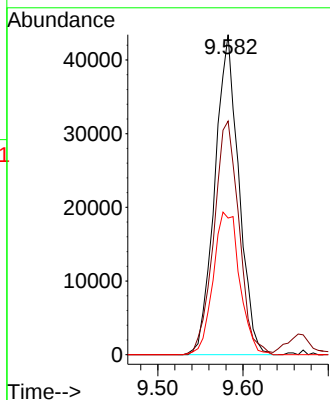
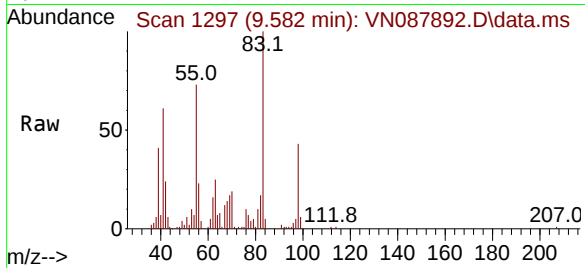
Tgt Ion:	83	Resp:	85020
Ion Ratio	Lower	Upper	
83	100		
55	73.0	64.6	96.8
98	42.7	38.4	57.6

Manual Integrations

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Reviewed By :John Carlone 09/19/2025

Supervised By :Mahesh Dadoda 09/19/2025



#40

Benzene

Concen: 19.456 ug/l

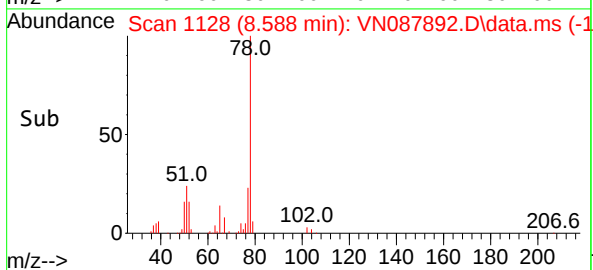
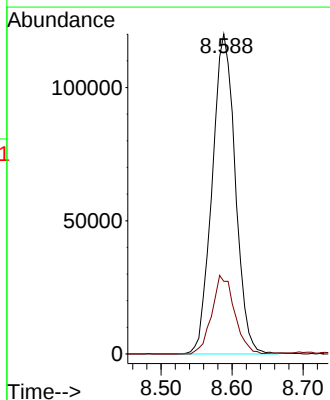
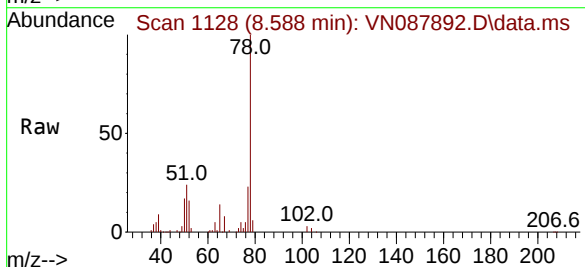
RT: 8.588 min Scan# 1128

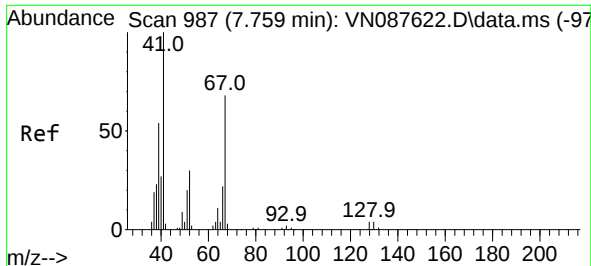
Delta R.T. -0.000 min

Lab File: VN087892.D

Acq: 18 Sep 2025 13:28

Tgt Ion:	78	Resp:	271184
Ion Ratio	Lower	Upper	
78	100		
77	22.7	19.7	29.5





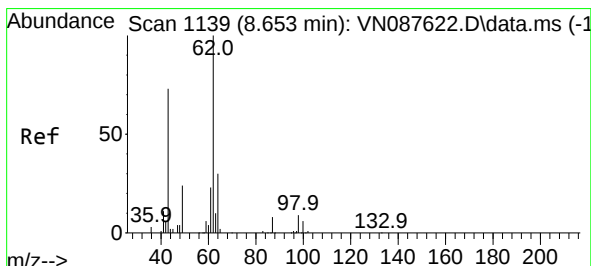
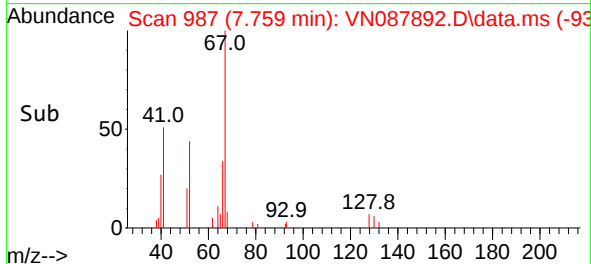
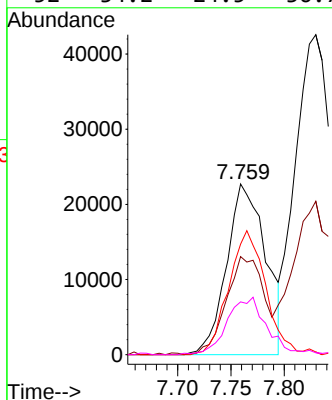
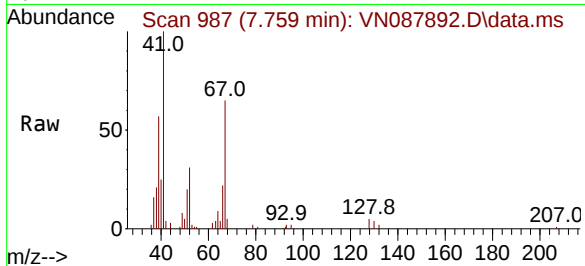
#41
Methacrylonitrile
Concen: 18.046 ug/l
RT: 7.759 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN087892.D
Acq: 18 Sep 2025 13:28

Instrument :
MSVOA_N
ClientSampleId :
VN0918MBS01

Tgt Ion:	41	Resp:	5804
Ion Ratio	Lower	Upper	
41	100		
39	54.7	45.4	68.0
67	69.0	55.3	82.9
52	34.2	24.5	36.7

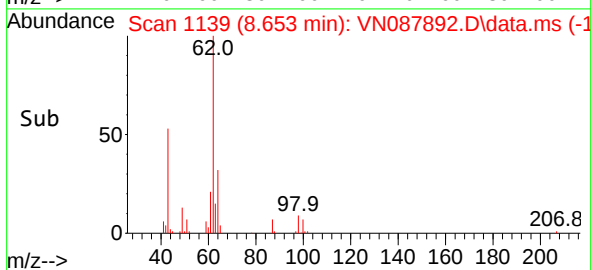
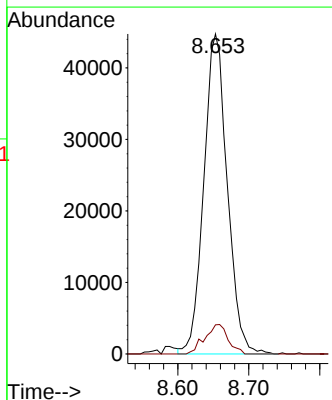
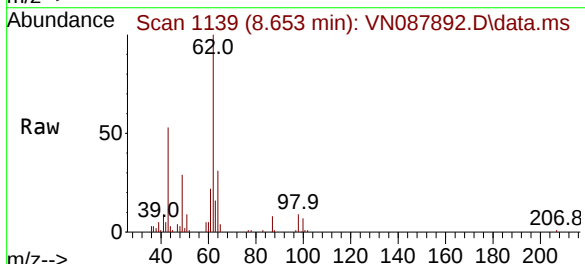
Manual Integrations
APPROVED

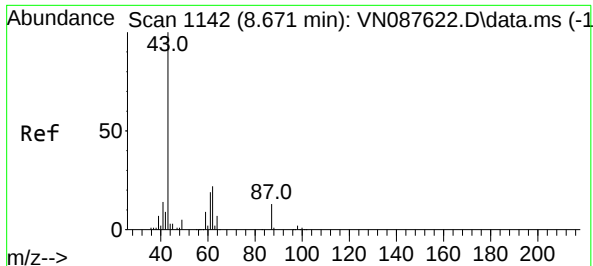
Reviewed By :John Carlone 09/19/2025
Supervised By :Mahesh Dadoda 09/19/2025



#42
1,2-Dichloroethane
Concen: 19.174 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. -0.000 min
Lab File: VN087892.D
Acq: 18 Sep 2025 13:28

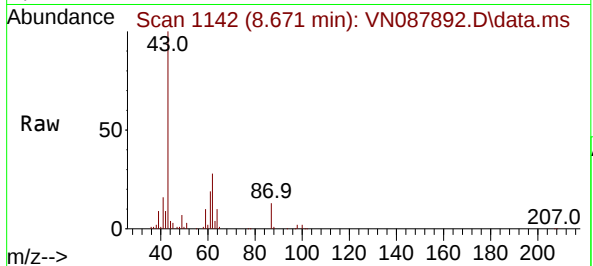
Tgt Ion:	62	Resp:	102702
Ion Ratio	Lower	Upper	
62	100		
98	9.1	0.0	17.4





#43
Isopropyl Acetate
Concen: 17.994 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN087892.D
Acq: 18 Sep 2025 13:28

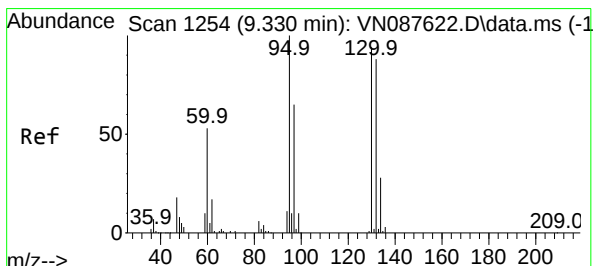
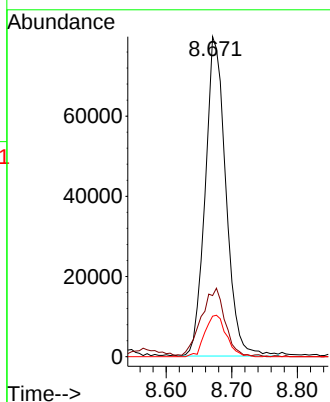
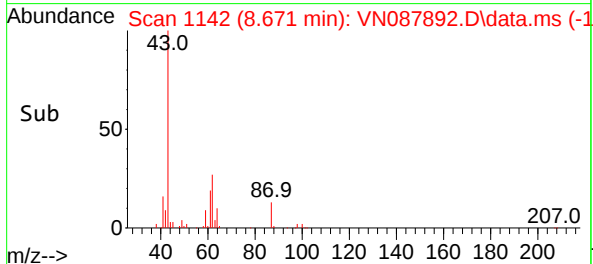
Instrument :
MSVOA_N
ClientSampleId :
VN0918MBS01



Tgt Ion: 43 Resp: 17445
Ion Ratio Lower Upper
43 100
61 24.0 18.8 28.2
87 13.5 9.6 14.4

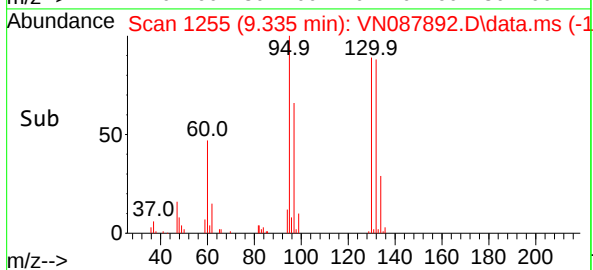
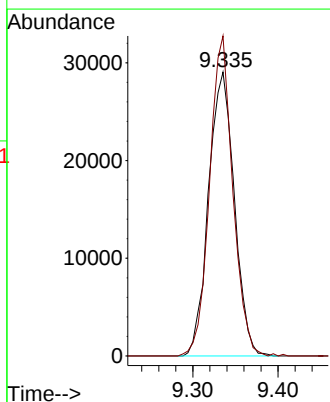
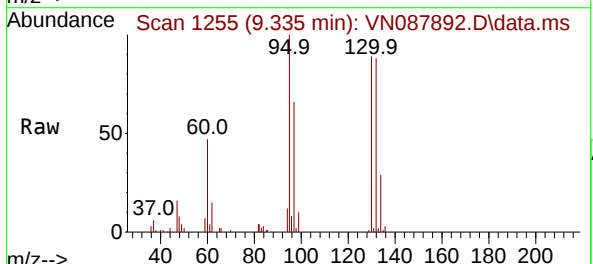
Manual Integrations
APPROVED

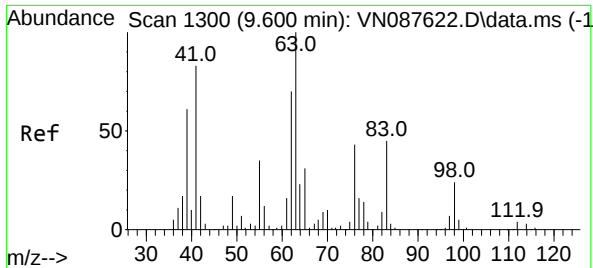
Reviewed By :John Carlone 09/19/2025
Supervised By :Mahesh Dadoda 09/19/2025



#44
Trichloroethene
Concen: 19.181 ug/l
RT: 9.335 min Scan# 1255
Delta R.T. 0.006 min
Lab File: VN087892.D
Acq: 18 Sep 2025 13:28

Tgt Ion:130 Resp: 61040
Ion Ratio Lower Upper
130 100
95 112.7 0.0 212.0





#45

1,2-Dichloropropane

Concen: 18.180 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. -0.000 min

Lab File: VN087892.D

Acq: 18 Sep 2025 13:28

Instrument :

MSVOA_N

ClientSampleId :

VN0918MBS01

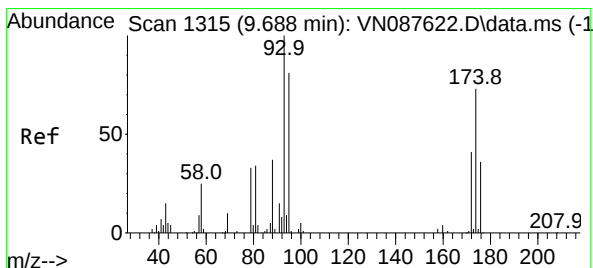
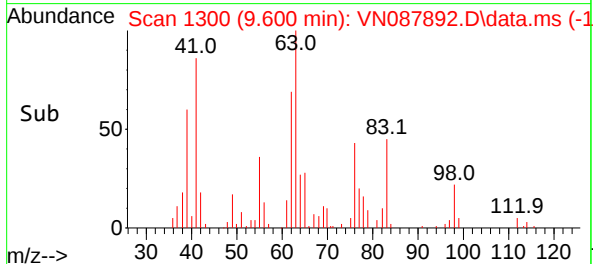
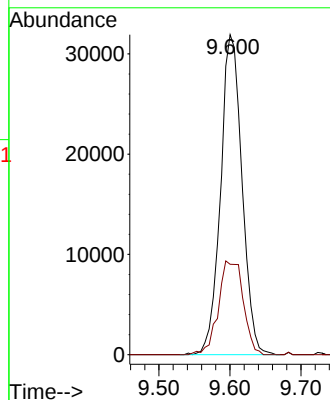
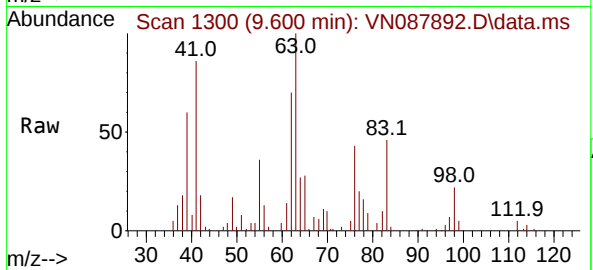
Tgt Ion: 63 Resp: 6679
 Ion Ratio Lower Upper
 63 100
 65 28.3 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/19/2025

Supervised By :Mahesh Dadoda 09/19/2025



#46

Dibromomethane

Concen: 19.633 ug/l

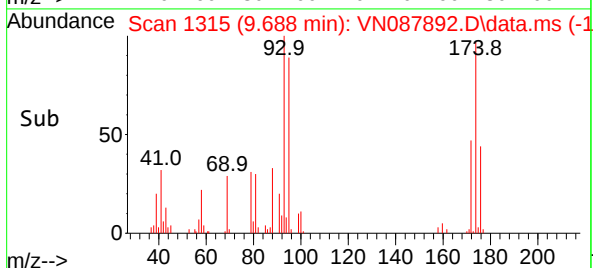
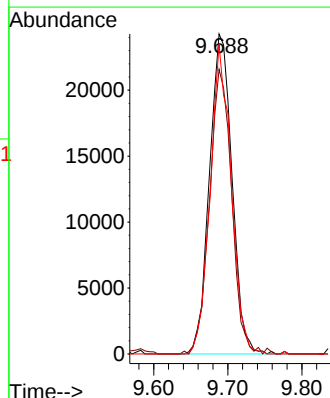
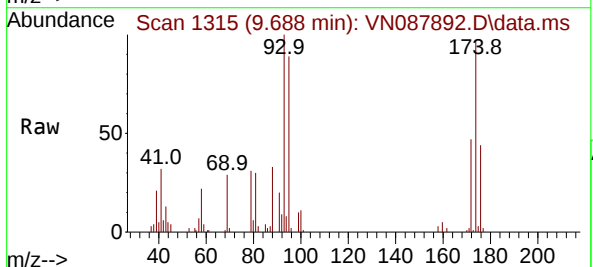
RT: 9.688 min Scan# 1315

Delta R.T. -0.000 min

Lab File: VN087892.D

Acq: 18 Sep 2025 13:28

Tgt Ion: 93 Resp: 51331
 Ion Ratio Lower Upper
 93 100
 95 87.0 66.2 99.4
 174 90.0 63.4 95.2





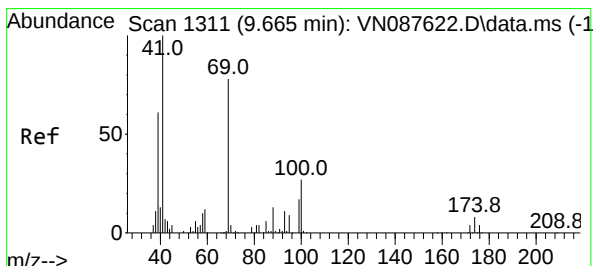
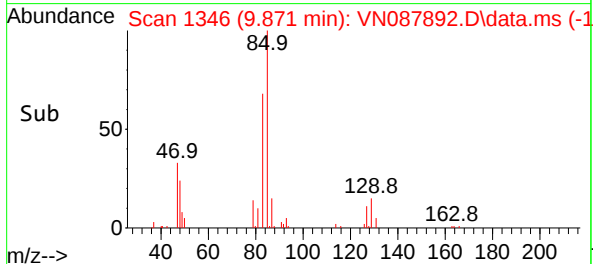
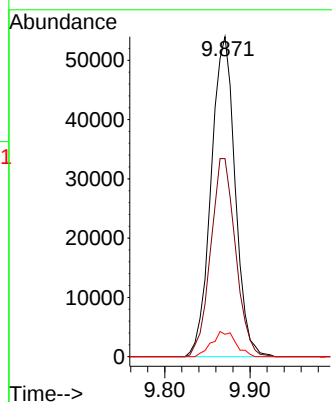
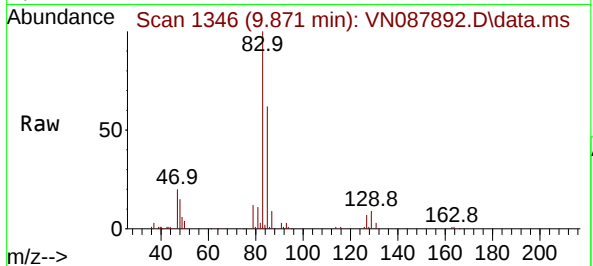
#47
Bromodichloromethane
Concen: 19.704 ug/l
RT: 9.871 min Scan# 1346
Delta R.T. -0.000 min
Lab File: VN087892.D
Acq: 18 Sep 2025 13:28

Instrument :
MSVOA_N
ClientSampleId :
VN0918MBS01

Tgt Ion: 83 Resp: 10558
Ion Ratio Lower Upper
83 100
85 61.9 52.5 78.7
127 7.0 5.8 8.6

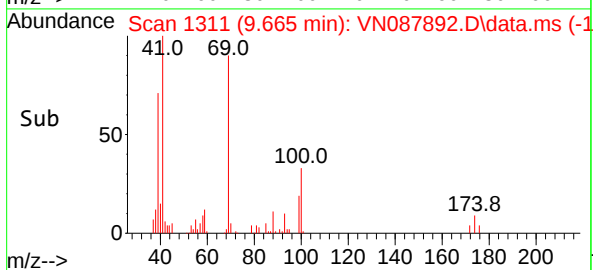
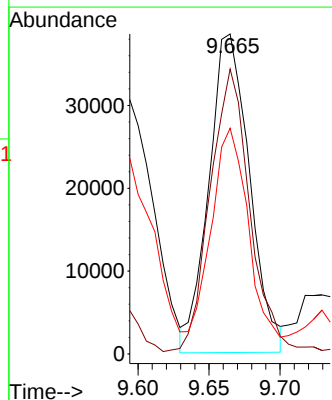
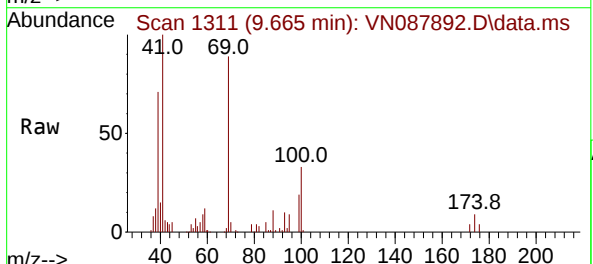
Manual Integrations
APPROVED

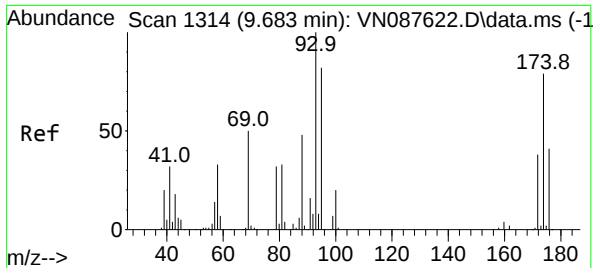
Reviewed By :John Carlone 09/19/2025
Supervised By :Mahesh Dadoda 09/19/2025



#48
Methyl methacrylate
Concen: 16.705 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. -0.000 min
Lab File: VN087892.D
Acq: 18 Sep 2025 13:28

Tgt Ion: 41 Resp: 76607
Ion Ratio Lower Upper
41 100
69 89.7 62.7 94.1
39 68.1 52.9 79.3





#49

1,4-Dioxane

Concen: 377.761 ug/l

RT: 9.682 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN087892.D

Acq: 18 Sep 2025 13:28

Instrument :

MSVOA_N

ClientSampleId :

VN0918MBS01

Tgt Ion: 88 Resp: 22454

Ion Ratio Lower Upper

88 100

43 29.5 0.0 0.0

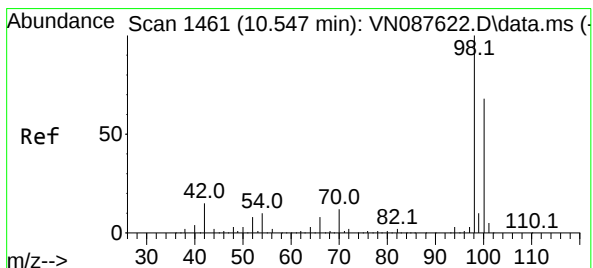
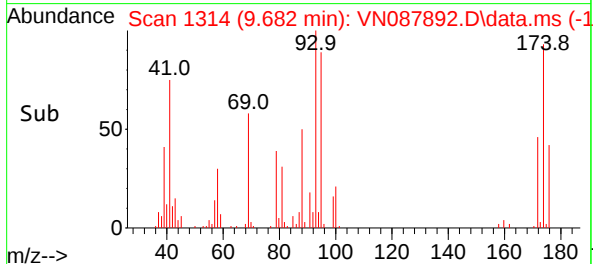
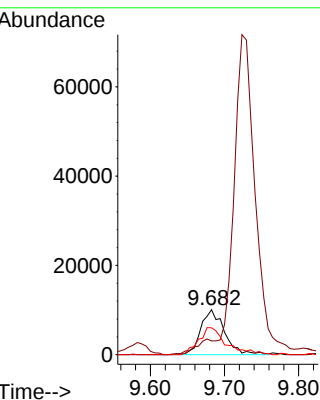
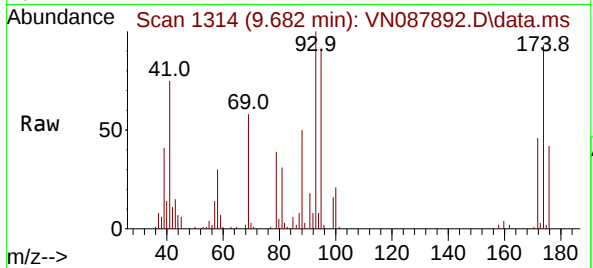
58 69.7 57.9 86.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/19/2025

Supervised By :Mahesh Dadoda 09/19/2025



#50

Toluene-d8

Concen: 46.809 ug/l

RT: 10.547 min Scan# 1461

Delta R.T. -0.000 min

Lab File: VN087892.D

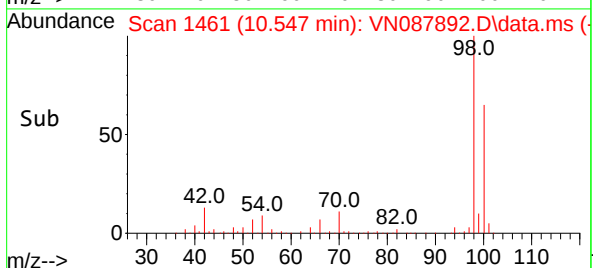
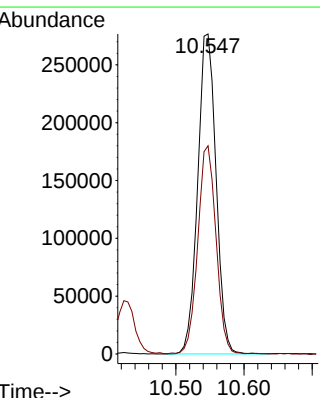
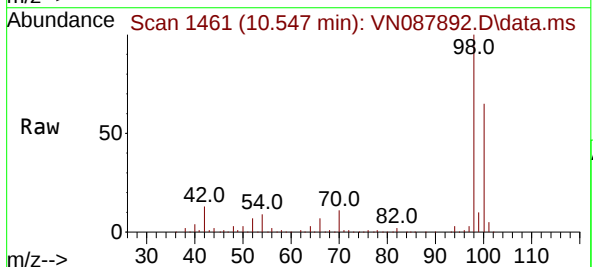
Acq: 18 Sep 2025 13:28

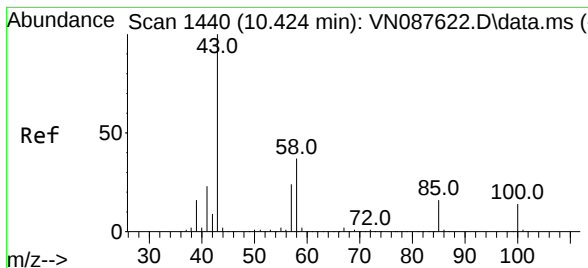
Tgt Ion: 98 Resp: 518979

Ion Ratio Lower Upper

98 100

100 64.4 52.8 79.2





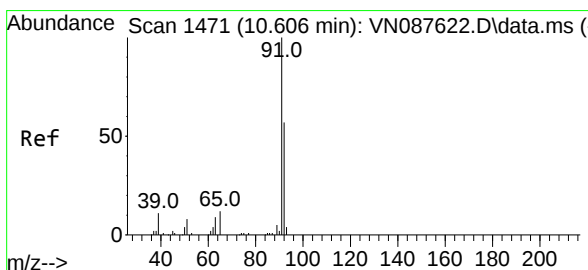
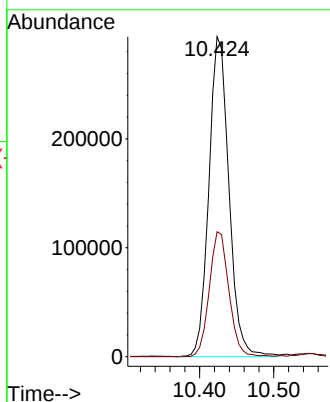
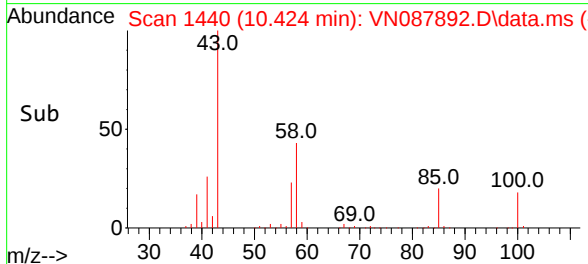
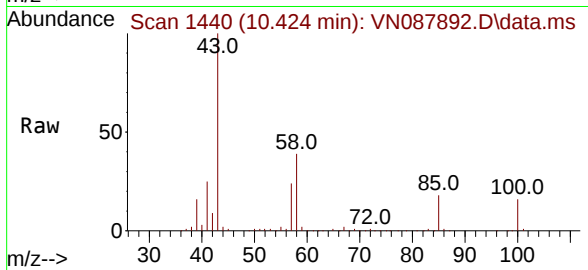
#51
4-Methyl-2-Pentanone
Concen: 94.461 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. -0.000 min
Lab File: VN087892.D
Acq: 18 Sep 2025 13:28

Instrument :
MSVOA_N
ClientSampleId :
VN0918MBS01

Tgt Ion: 43 Resp: 552550
Ion Ratio Lower Upper
43 100
58 38.2 29.6 44.4

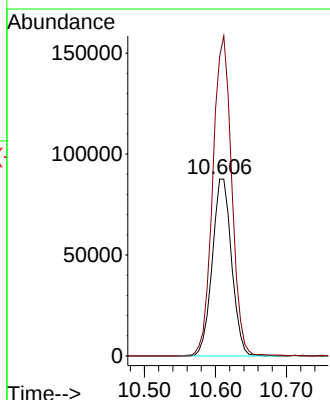
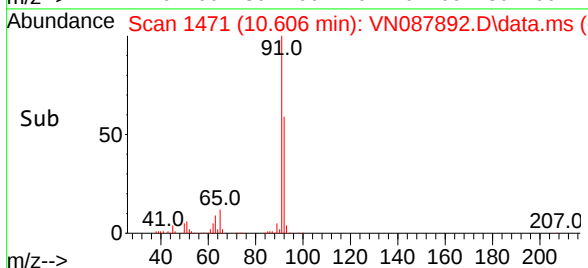
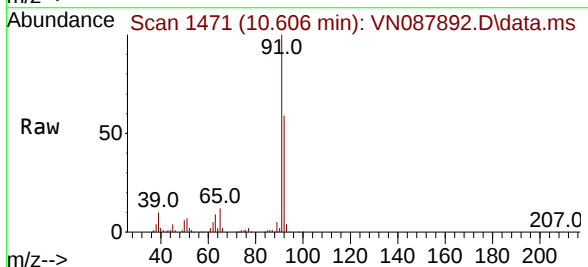
Manual Integrations
APPROVED

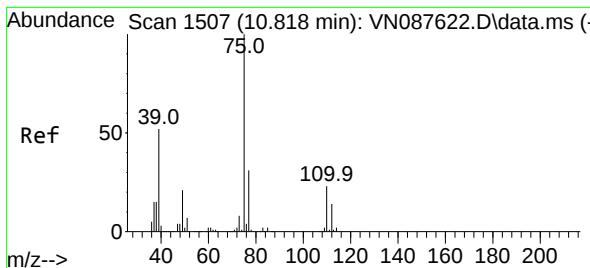
Reviewed By :John Carlone 09/19/2025
Supervised By :Mahesh Dadoda 09/19/2025



#52
Toluene
Concen: 19.142 ug/l
RT: 10.606 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VN087892.D
Acq: 18 Sep 2025 13:28

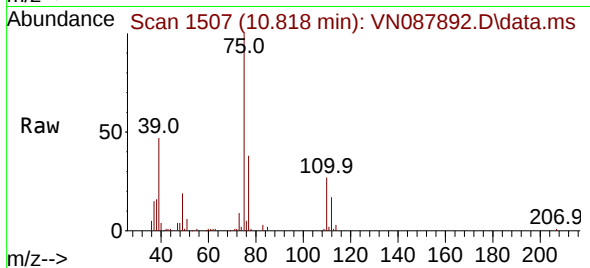
Tgt Ion: 92 Resp: 165410
Ion Ratio Lower Upper
92 100
91 177.1 140.4 210.6





#53
t-1,3-Dichloropropene
Concen: 18.826 ug/l
RT: 10.818 min Scan# 1507
Delta R.T. -0.000 min
Lab File: VN087892.D
Acq: 18 Sep 2025 13:28

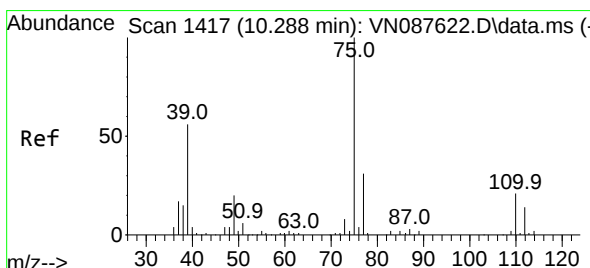
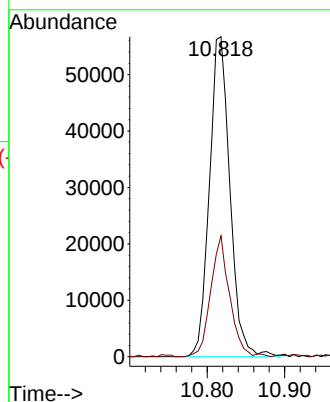
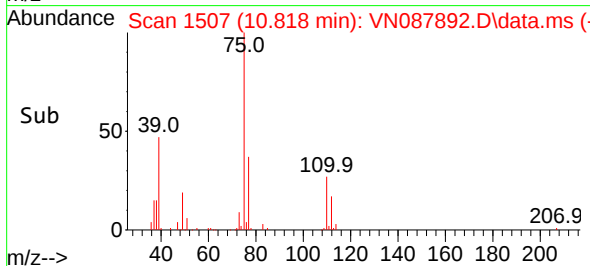
Instrument :
MSVOA_N
ClientSampleId :
VN0918MBS01



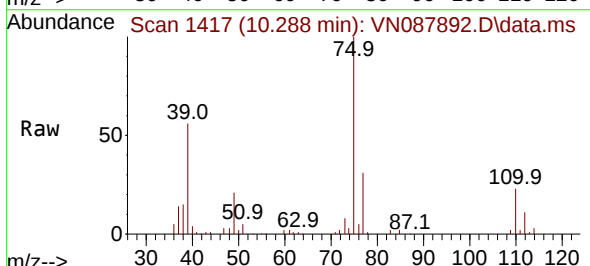
Tgt Ion: 75 Resp: 104418
Ion Ratio Lower Upper
75 100
77 37.8 25.2 37.8

Manual Integrations
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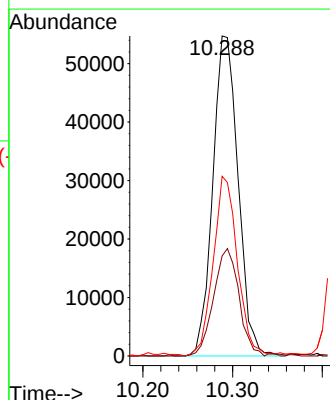
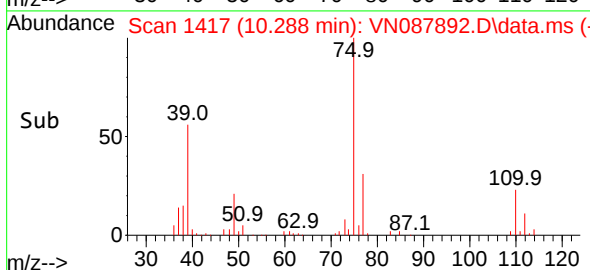
Reviewed By :John Carlone 09/19/2025
Supervised By :Mahesh Dadoda 09/19/2025

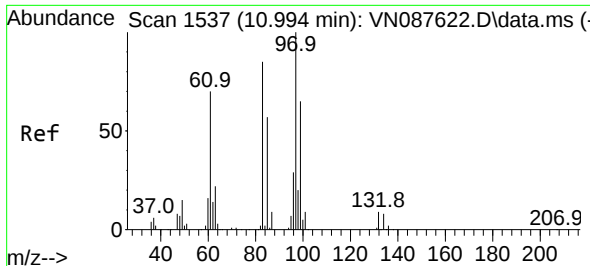


#54
cis-1,3-Dichloropropene
Concen: 18.604 ug/l
RT: 10.288 min Scan# 1417
Delta R.T. -0.000 min
Lab File: VN087892.D
Acq: 18 Sep 2025 13:28



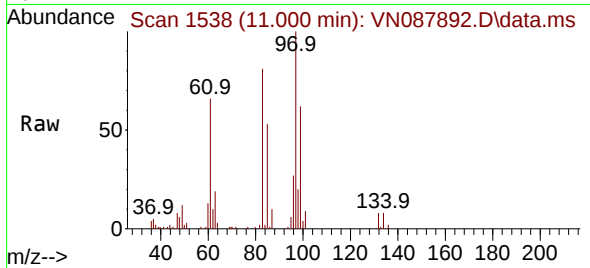
Tgt Ion: 75 Resp: 107138
Ion Ratio Lower Upper
75 100
77 31.3 24.6 37.0
39 55.7 45.2 67.8





#55
1,1,2-Trichloroethane
Concen: 20.505 ug/l
RT: 11.000 min Scan# 1538
Delta R.T. 0.006 min
Lab File: VN087892.D
Acq: 18 Sep 2025 13:28

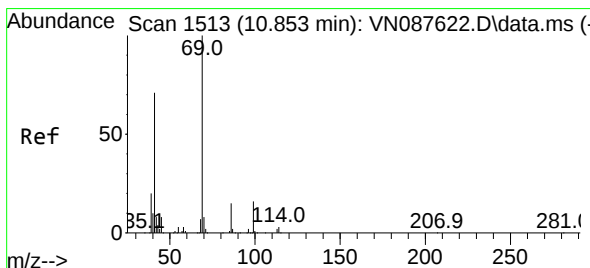
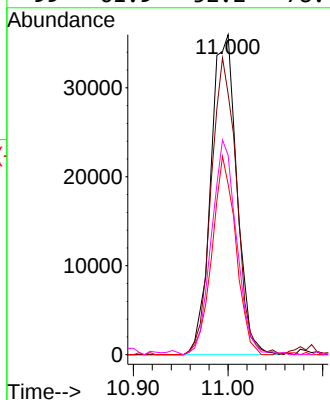
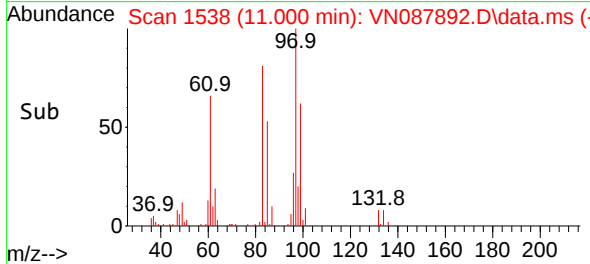
Instrument :
MSVOA_N
ClientSampleId :
VN0918MBS01



Tgt Ion: 97 Resp: 6854
Ion Ratio Lower Upper
97 100
83 81.5 68.2 102.4
85 53.3 45.5 68.3
99 61.9 52.2 78.4

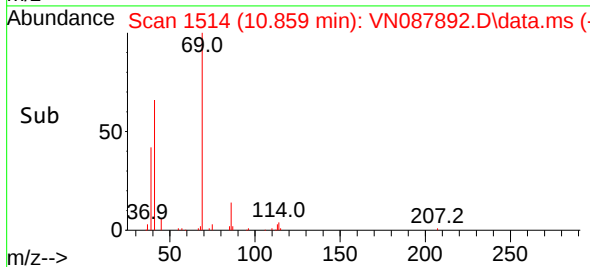
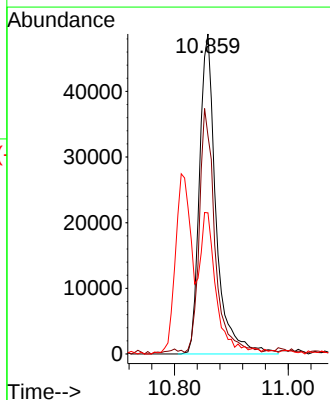
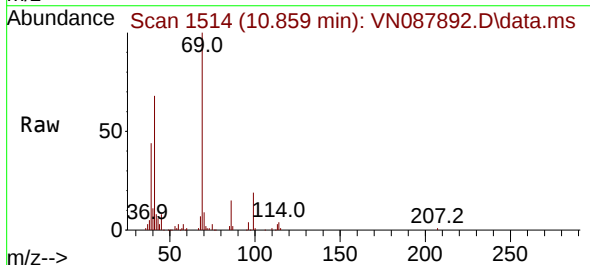
Manual Integrations
APPROVED

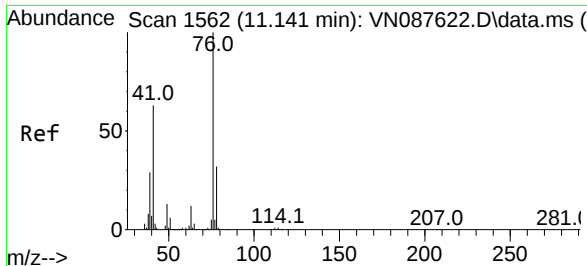
Reviewed By :John Carlone 09/19/2025
Supervised By :Mahesh Dadoda 09/19/2025



#56
Ethyl methacrylate
Concen: 18.459 ug/l
RT: 10.859 min Scan# 1514
Delta R.T. 0.006 min
Lab File: VN087892.D
Acq: 18 Sep 2025 13:28

Tgt Ion: 69 Resp: 98611
Ion Ratio Lower Upper
69 100
41 71.8 56.5 84.7
39 38.7 34.2 51.4





#57

1,3-Dichloropropane

Concen: 19.634 ug/l

RT: 11.141 min Scan# 11615

Delta R.T. -0.000 min

Lab File: VN087892.D

Acq: 18 Sep 2025 13:28

Instrument :

MSVOA_N

ClientSampleId :

VN0918MBS01

Tgt Ion: 76 Resp: 11615

Ion Ratio Lower Upper

76 100

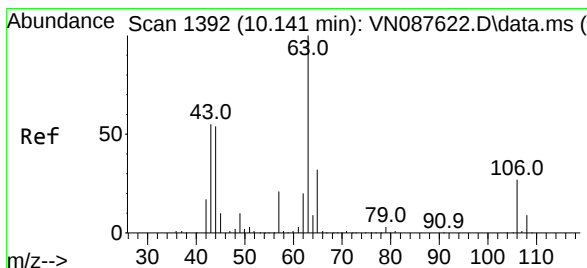
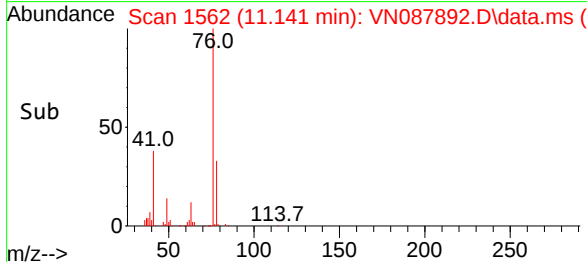
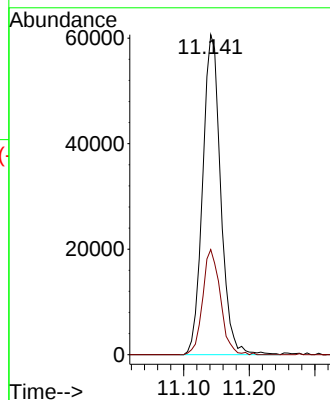
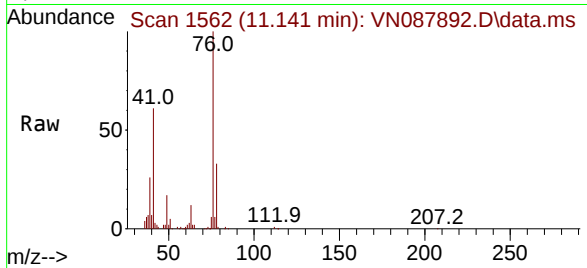
78 32.2 26.2 39.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/19/2025

Supervised By :Mahesh Dadoda 09/19/2025



#58

2-Chloroethyl Vinyl ether

Concen: 92.709 ug/l

RT: 10.141 min Scan# 1392

Delta R.T. -0.000 min

Lab File: VN087892.D

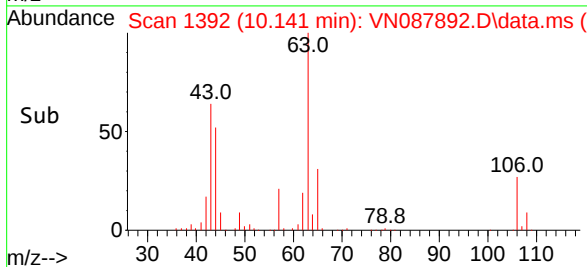
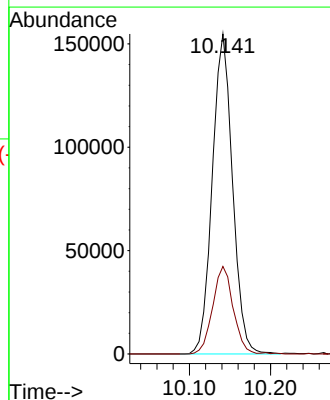
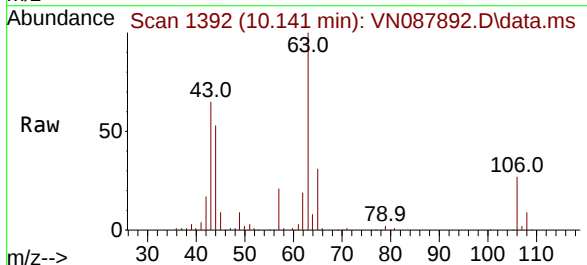
Acq: 18 Sep 2025 13:28

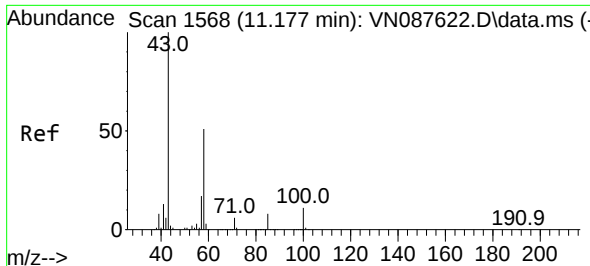
Tgt Ion: 63 Resp: 268064

Ion Ratio Lower Upper

63 100

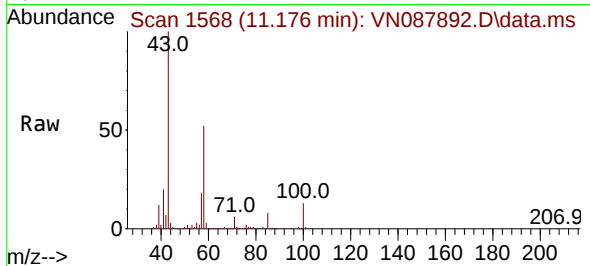
106 27.6 21.1 31.7





#59
2-Hexanone
Concen: 97.372 ug/l
RT: 11.176 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087892.D
Acq: 18 Sep 2025 13:28

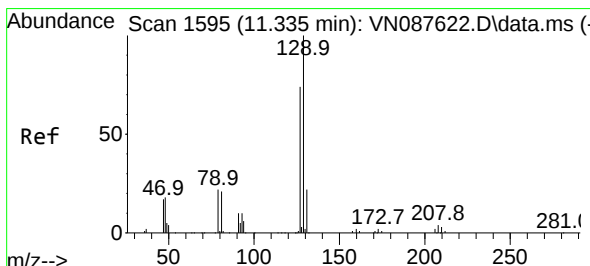
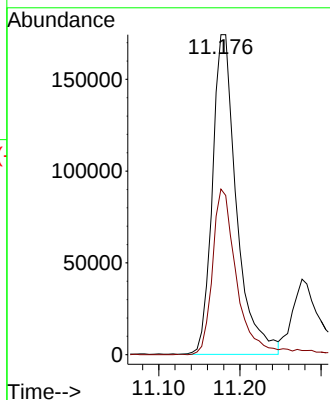
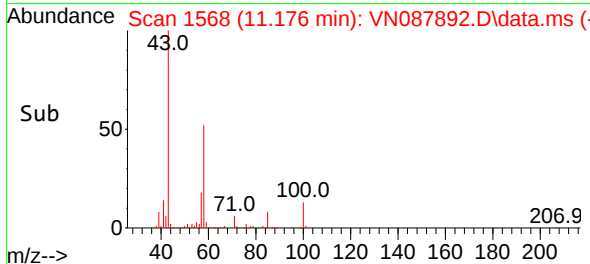
Instrument :
MSVOA_N
ClientSampleId :
VN0918MBS01



Tgt Ion: 43 Resp: 35997
Ion Ratio Lower Upper
43 100
58 51.6 25.9 77.8

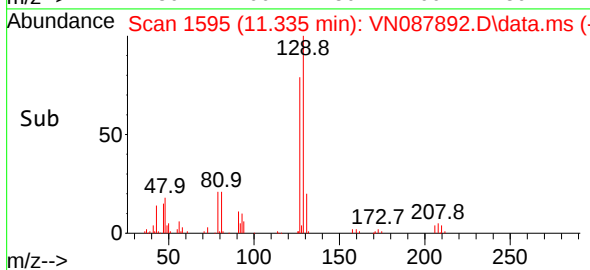
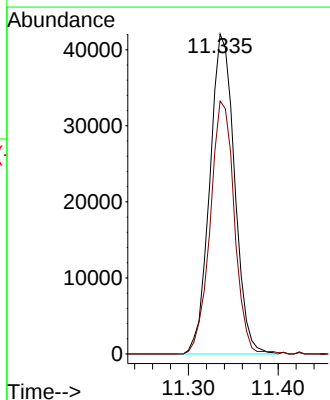
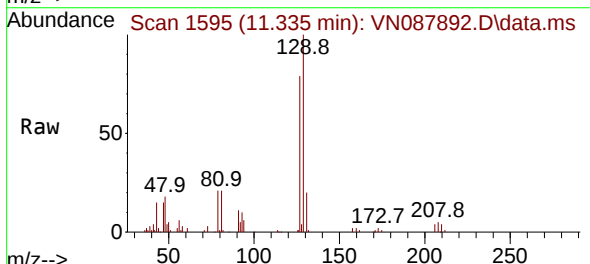
Manual Integrations
APPROVED

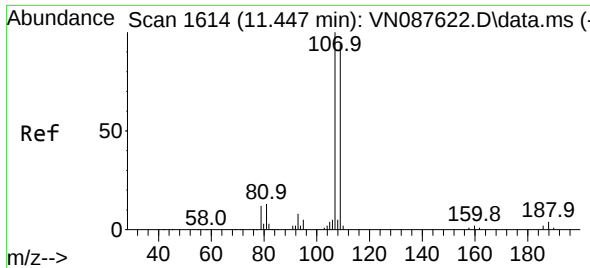
Reviewed By :John Carlone 09/19/2025
Supervised By :Mahesh Dadoda 09/19/2025



#60
Dibromochloromethane
Concen: 20.831 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. -0.000 min
Lab File: VN087892.D
Acq: 18 Sep 2025 13:28

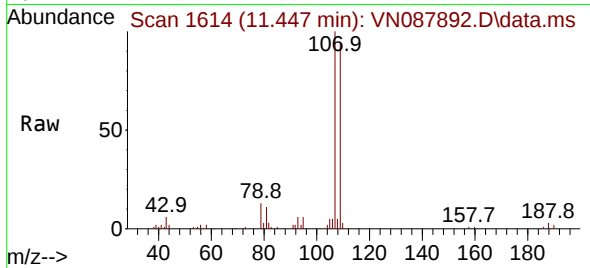
Tgt Ion:129 Resp: 80684
Ion Ratio Lower Upper
129 100
127 76.9 39.1 117.3





#61
1,2-Dibromoethane
Concen: 20.383 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VN087892.D
Acq: 18 Sep 2025 13:28

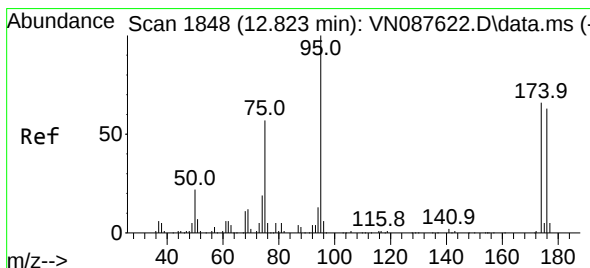
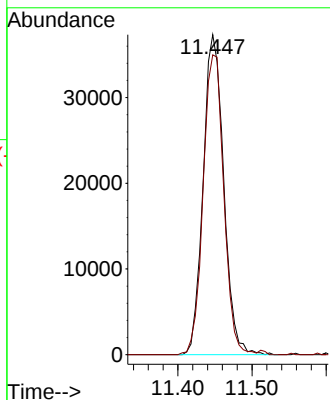
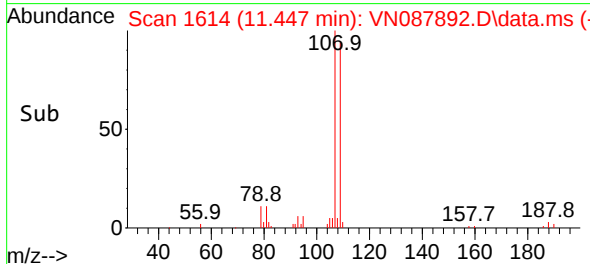
Instrument :
MSVOA_N
ClientSampleId :
VN0918MBS01



Tgt Ion:107 Resp: 71844
Ion Ratio Lower Upper
107 100
109 94.1 74.7 112.1

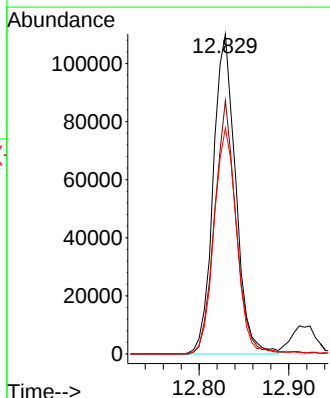
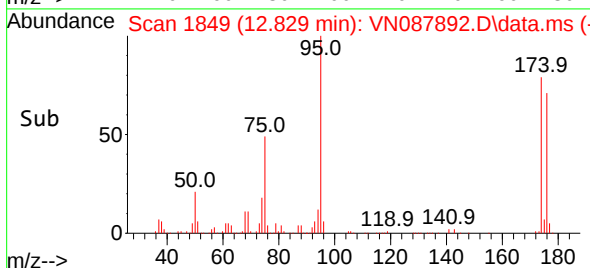
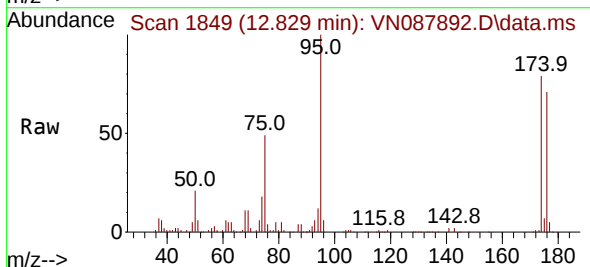
Manual Integrations
APPROVED

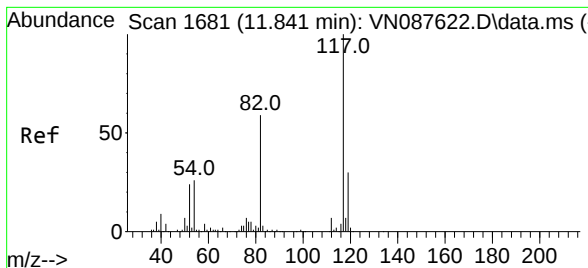
Reviewed By :John Carlone 09/19/2025
Supervised By :Mahesh Dadoda 09/19/2025



#62
4-Bromofluorobenzene
Concen: 48.420 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN087892.D
Acq: 18 Sep 2025 13:28

Tgt Ion: 95 Resp: 190917
Ion Ratio Lower Upper
95 100
174 75.7 0.0 138.4
176 72.2 0.0 132.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.847 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN087892.D

Acq: 18 Sep 2025 13:28

Instrument :

MSVOA_N

ClientSampleId :

VN0918MBS01

Tgt Ion:117 Resp: 39135

Ion Ratio Lower Upper

117 100

82 56.7 47.4 71.2

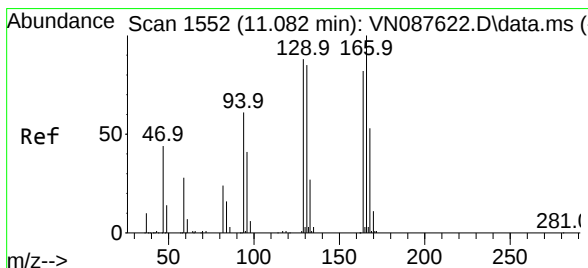
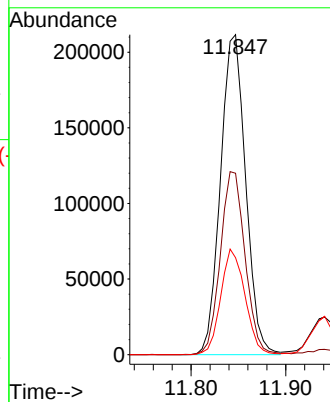
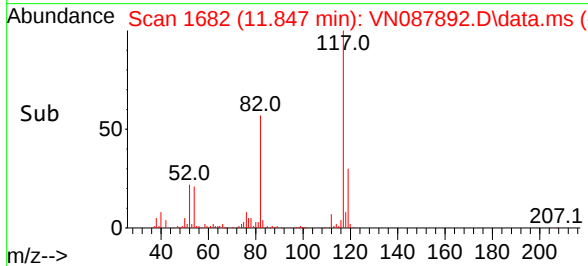
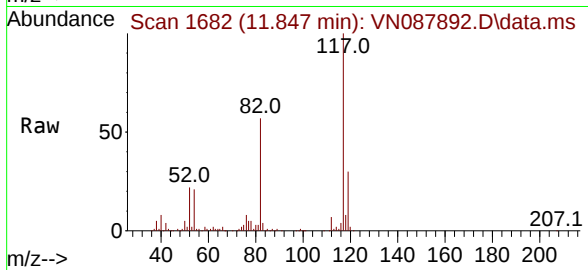
119 30.3 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/19/2025

Supervised By :Mahesh Dadoda 09/19/2025



#64

Tetrachloroethene

Concen: 18.500 ug/l

RT: 11.082 min Scan# 1552

Delta R.T. -0.000 min

Lab File: VN087892.D

Acq: 18 Sep 2025 13:28

Tgt Ion:164 Resp: 50231

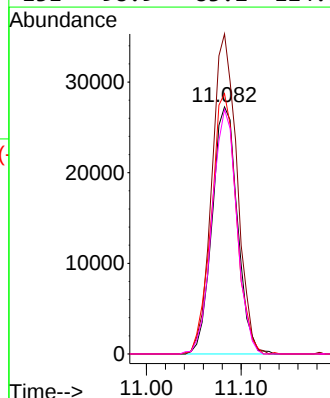
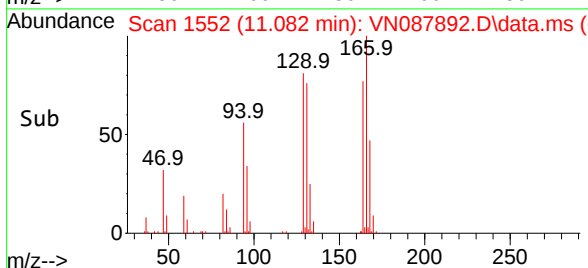
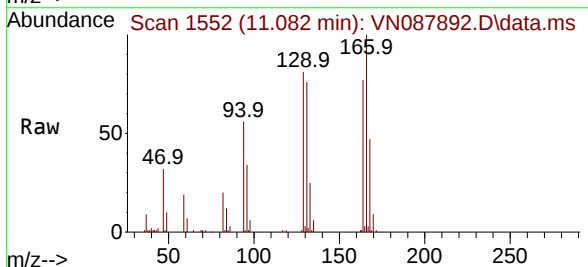
Ion Ratio Lower Upper

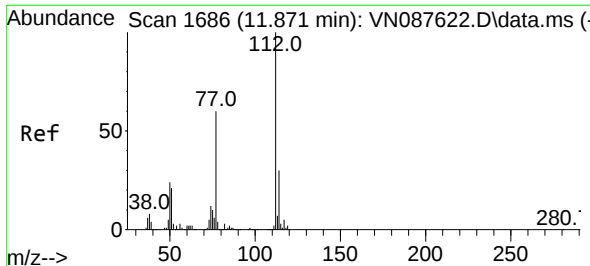
164 100

166 129.5 97.7 146.5

129 105.4 85.9 128.9

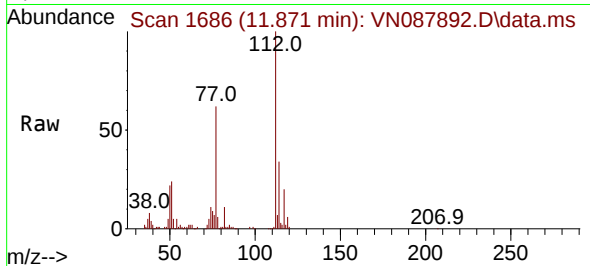
131 98.9 83.2 124.8





#65
Chlorobenzene
Concen: 19.172 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN087892.D
Acq: 18 Sep 2025 13:28

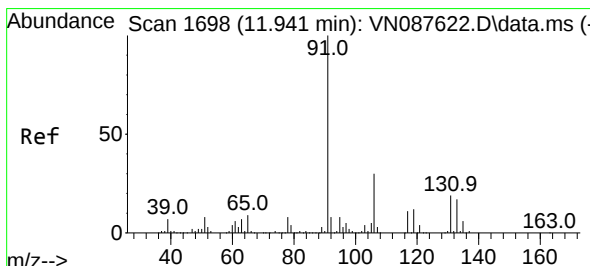
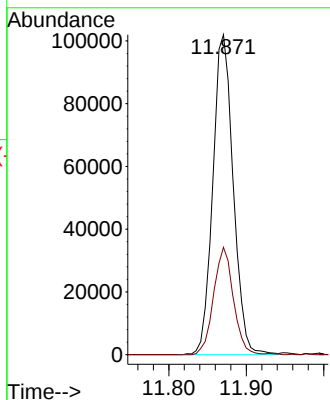
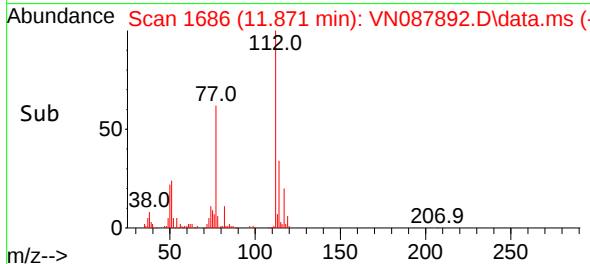
Instrument :
MSVOA_N
ClientSampleId :
VN0918MBS01



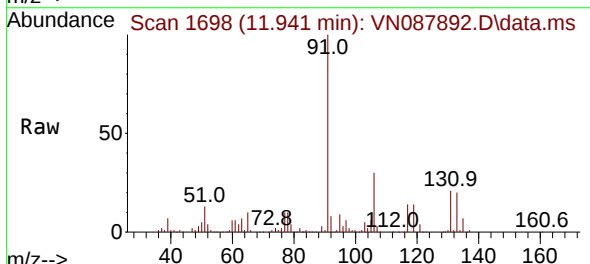
Tgt Ion:112 Resp: 186668
Ion Ratio Lower Upper
112 100
114 33.5 24.3 36.5

Manual Integrations
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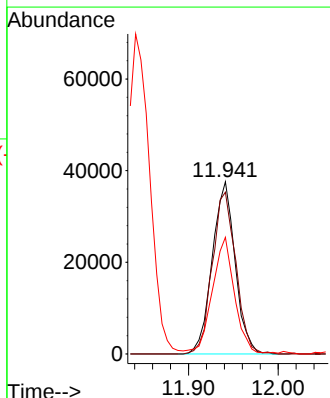
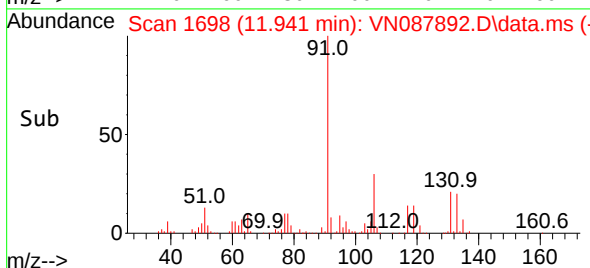
Reviewed By :John Carlone 09/19/2025
Supervised By :Mahesh Dadoda 09/19/2025

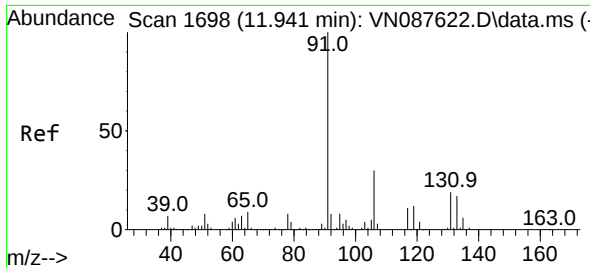


#66
1,1,1,2-Tetrachloroethane
Concen: 20.588 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN087892.D
Acq: 18 Sep 2025 13:28



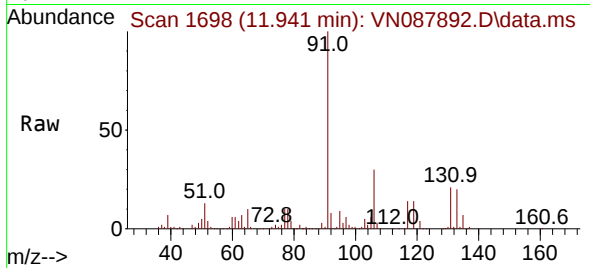
Tgt Ion:131 Resp: 66548
Ion Ratio Lower Upper
131 100
133 96.7 48.0 144.0
119 64.3 32.6 97.7





#67
Ethyl Benzene
Concen: 18.325 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN087892.D
Acq: 18 Sep 2025 13:28

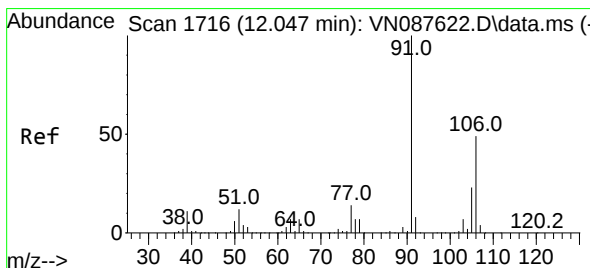
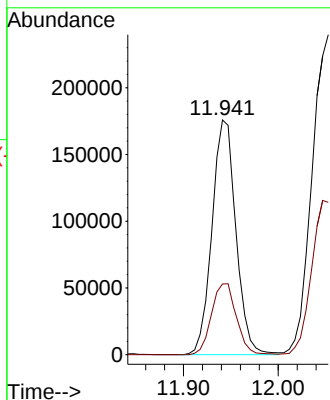
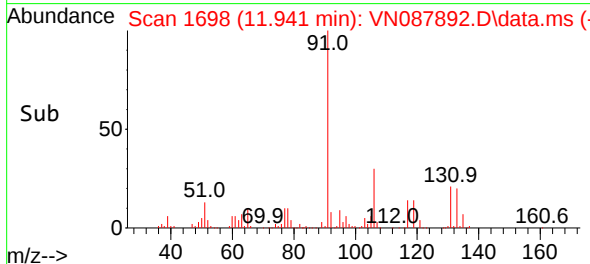
Instrument :
MSVOA_N
ClientSampleId :
VN0918MBS01



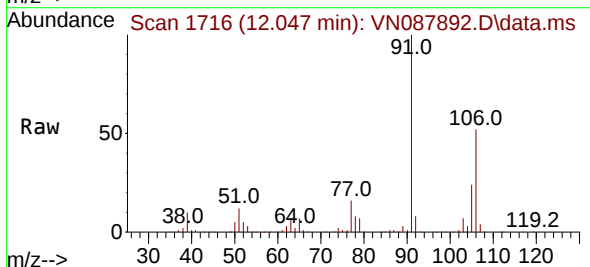
Tgt Ion: 91 Resp: 30891
Ion Ratio Lower Upper
91 100
106 30.2 24.1 36.1

Manual Integrations
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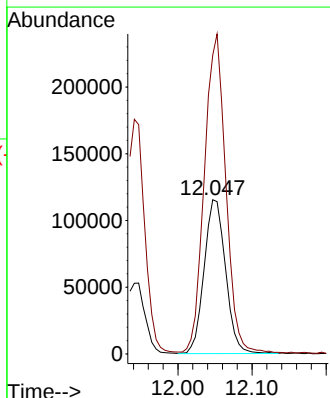
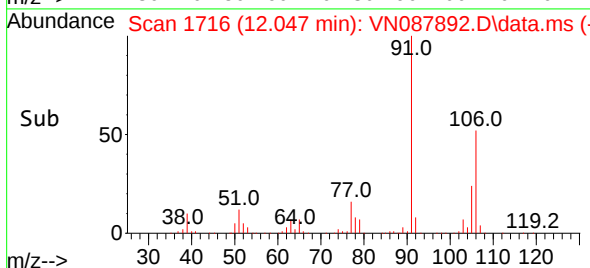
Reviewed By :John Carlone 09/19/2025
Supervised By :Mahesh Dadoda 09/19/2025

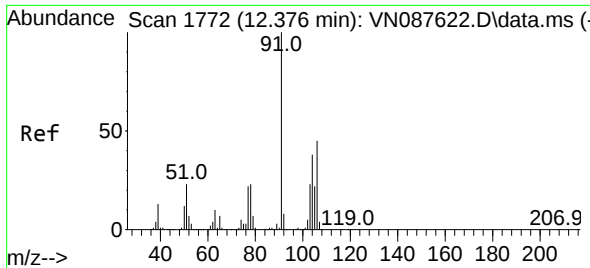


#68
m/p-Xylenes
Concen: 37.608 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VN087892.D
Acq: 18 Sep 2025 13:28



Tgt Ion:106 Resp: 232514
Ion Ratio Lower Upper
106 100
91 206.9 169.3 253.9





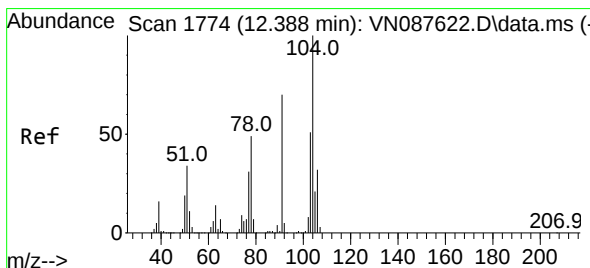
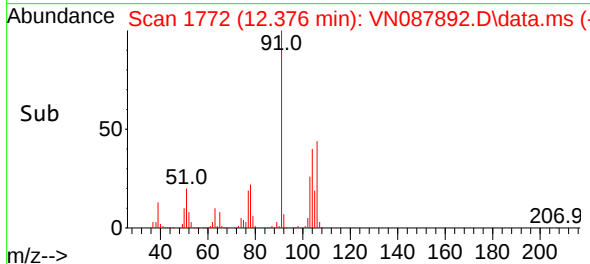
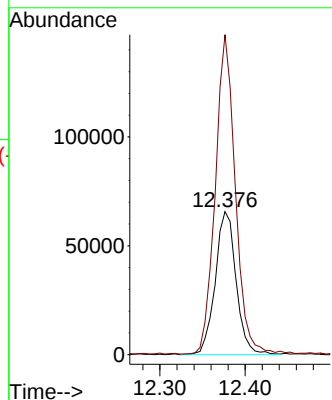
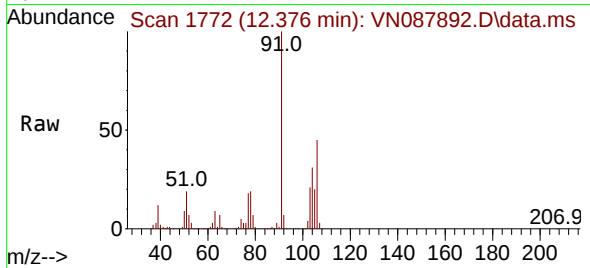
#69
o-Xylene
Concen: 18.488 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VN087892.D
Acq: 18 Sep 2025 13:28

Instrument :
MSVOA_N
ClientSampleId :
VN0918MBS01

Tgt Ion:106 Resp: 112014
Ion Ratio Lower Upper
106 100
91 214.0 111.4 334.2

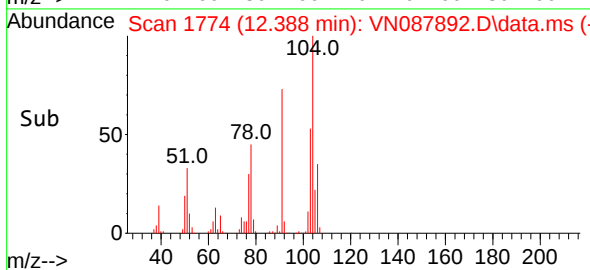
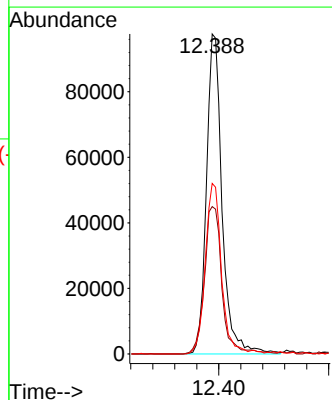
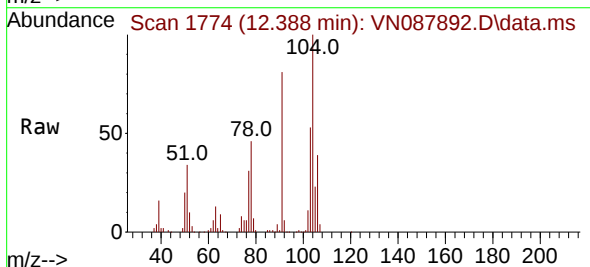
Manual Integrations
APPROVED

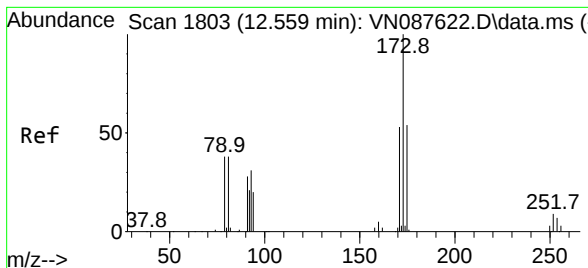
Reviewed By :John Carlone 09/19/2025
Supervised By :Mahesh Dadoda 09/19/2025



#70
Styrene
Concen: 18.985 ug/l
RT: 12.388 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VN087892.D
Acq: 18 Sep 2025 13:28

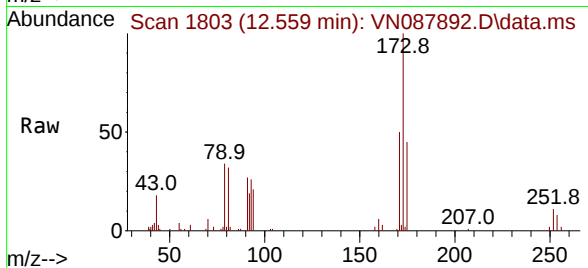
Tgt Ion:104 Resp: 192705
Ion Ratio Lower Upper
104 100
78 51.6 42.2 63.2
103 54.7 43.4 65.2





#71
Bromoform
Concen: 21.386 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VN087892.D
Acq: 18 Sep 2025 13:28

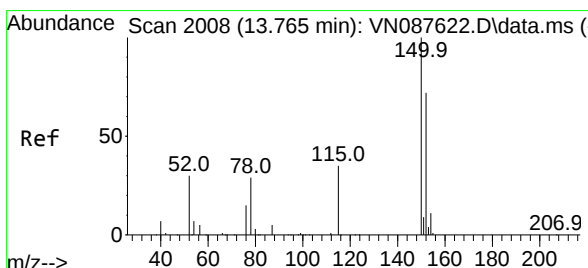
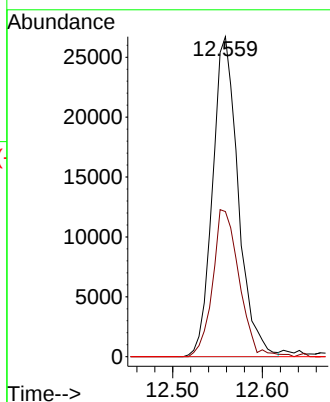
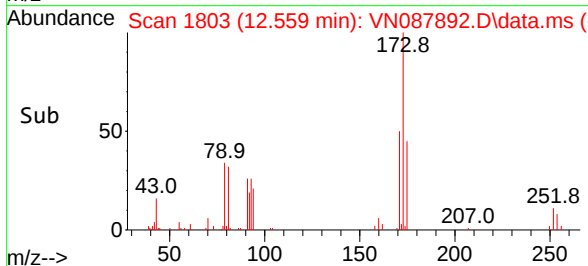
Instrument :
MSVOA_N
ClientSampleId :
VN0918MBS01



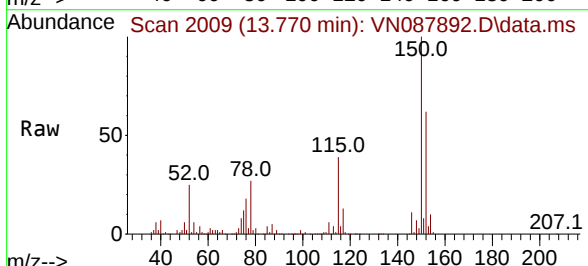
Tgt Ion:173 Resp: 53015
Ion Ratio Lower Upper
173 100
175 47.4 24.9 74.6
254 0.0 0.1 0.1

Manual Integrations
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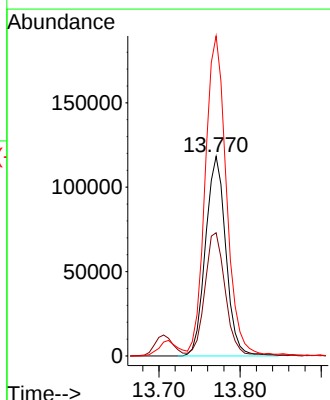
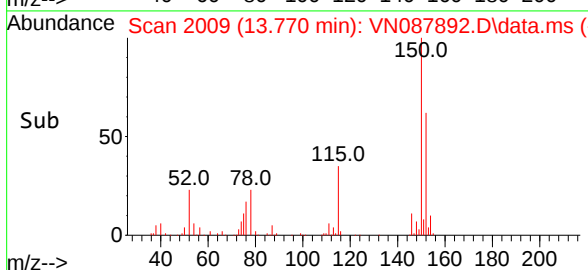
Reviewed By :John Carlone 09/19/2025
Supervised By :Mahesh Dadoda 09/19/2025

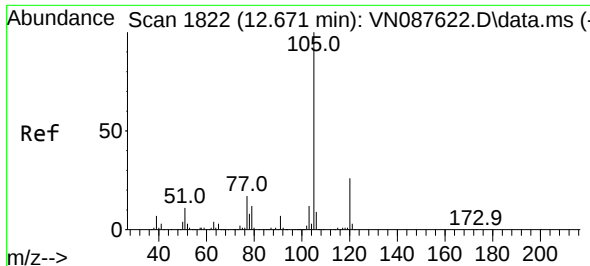


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.006 min
Lab File: VN087892.D
Acq: 18 Sep 2025 13:28



Tgt Ion:152 Resp: 205612
Ion Ratio Lower Upper
152 100
115 62.9 32.3 96.8
150 167.3 0.0 351.0





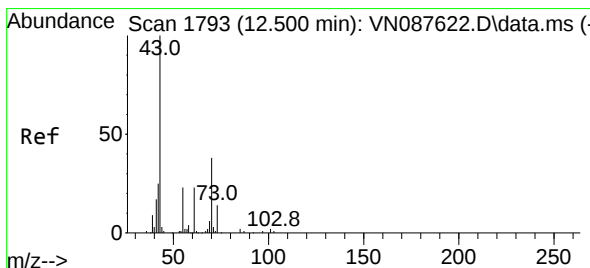
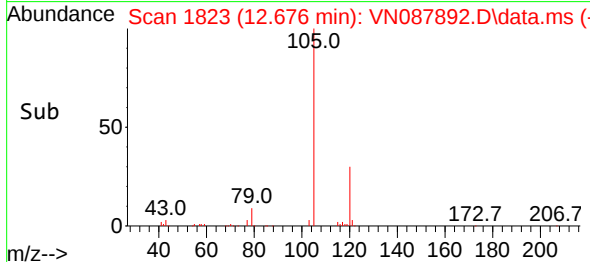
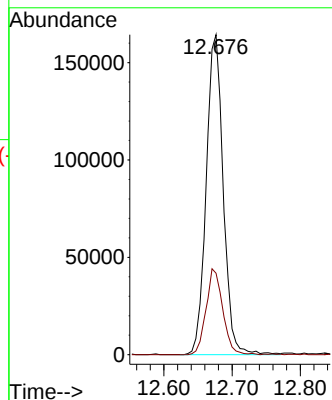
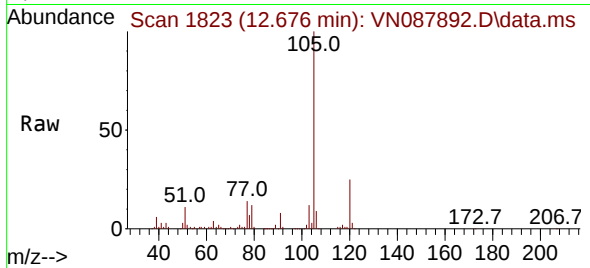
#73
Isopropylbenzene
Concen: 17.189 ug/l
RT: 12.676 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VN087892.D
Acq: 18 Sep 2025 13:28

Instrument :
MSVOA_N
ClientSampleId :
VN0918MBS01

Tgt Ion:105 Resp: 285584
Ion Ratio Lower Upper
105 100
120 26.3 12.8 38.3

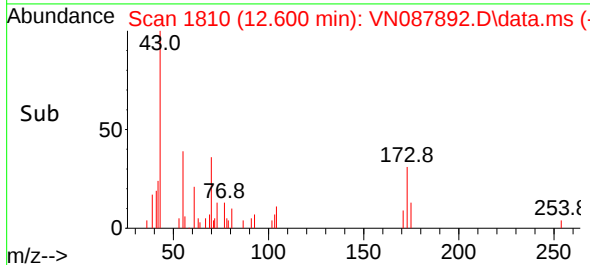
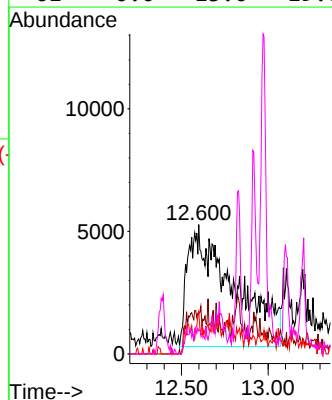
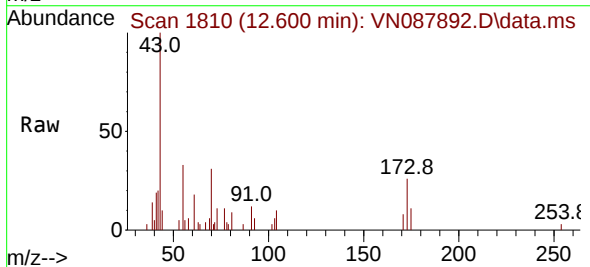
Manual Integrations
APPROVED

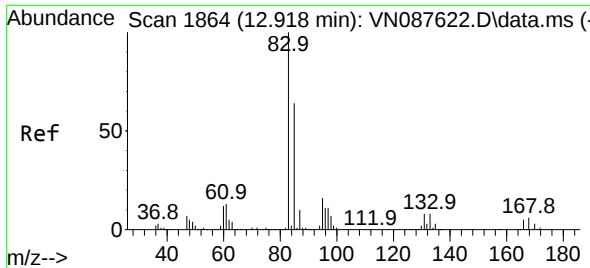
Reviewed By :John Carlone 09/19/2025
Supervised By :Mahesh Dadoda 09/19/2025



#74
N-ethyl acetate
Concen: 14.420 ug/l m
RT: 12.600 min Scan# 1810
Delta R.T. 0.100 min
Lab File: VN087892.D
Acq: 18 Sep 2025 13:28

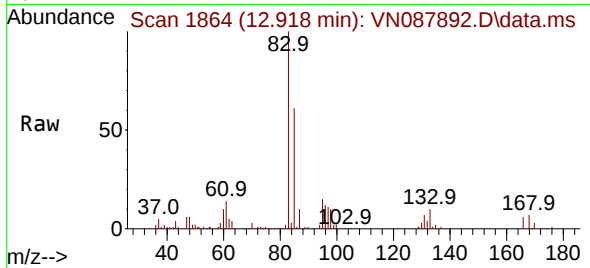
Tgt Ion: 43 Resp: 90796
Ion Ratio Lower Upper
43 100
70 0.0 27.6 41.4#
55 0.0 13.0 19.6#
61 0.0 13.0 19.6#





#75
1,1,2,2-Tetrachloroethane
Concen: 18.864 ug/l
RT: 12.918 min Scan# 1864
Delta R.T. -0.000 min
Lab File: VN087892.D
Acq: 18 Sep 2025 13:28

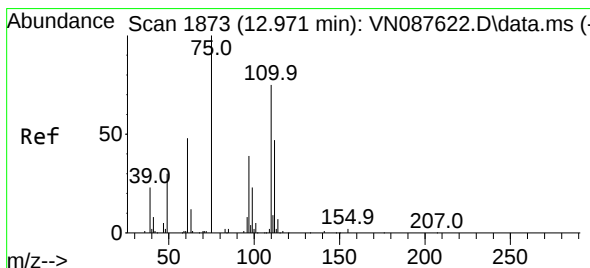
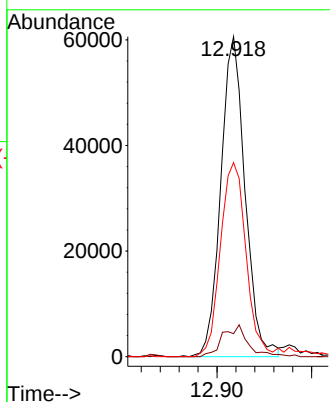
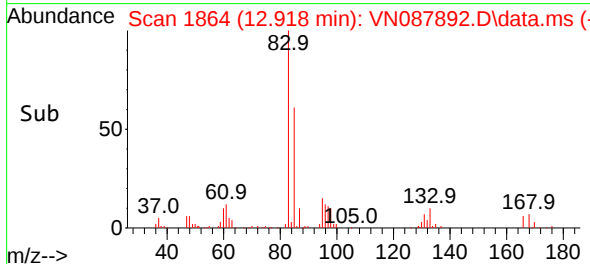
Instrument :
MSVOA_N
ClientSampleId :
VN0918MBS01



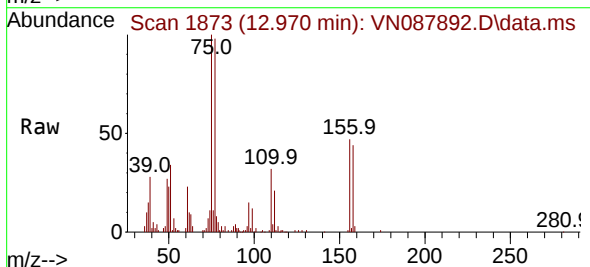
Tgt Ion: 83 Resp: 107904
Ion Ratio Lower Upper
83 100
131 10.4 4.8 14.4
85 63.7 32.1 96.3

Manual Integrations
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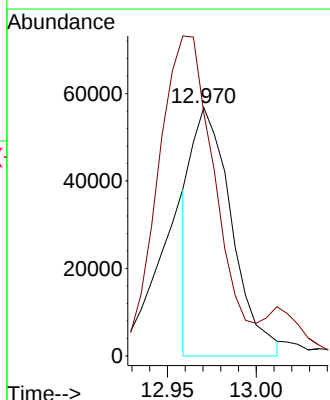
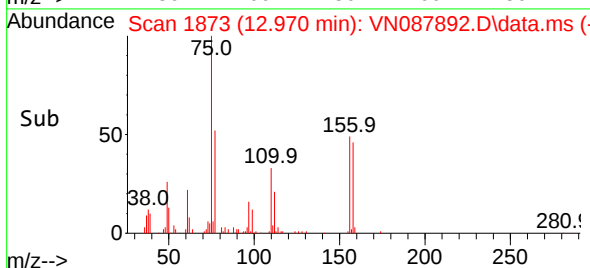
Reviewed By :John Carlone 09/19/2025
Supervised By :Mahesh Dadoda 09/19/2025

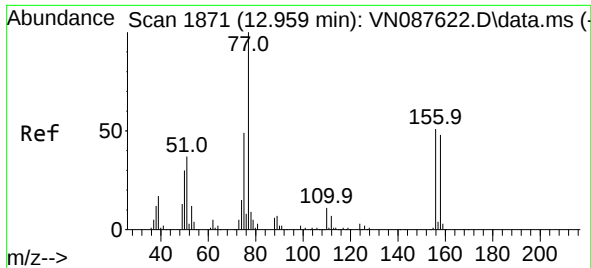


#76
1,2,3-Trichloropropane
Concen: 18.527 ug/l m
RT: 12.970 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN087892.D
Acq: 18 Sep 2025 13:28



Tgt Ion: 75 Resp: 89330
Ion Ratio Lower Upper
75 100
77 183.8 89.1 267.4





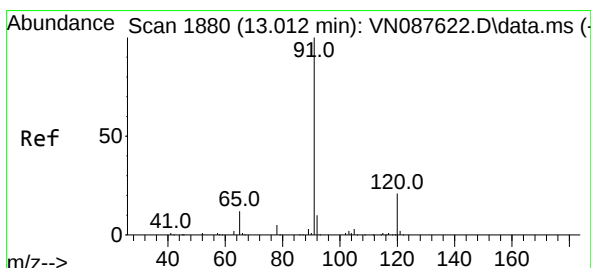
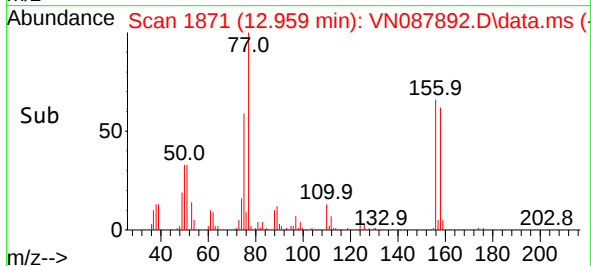
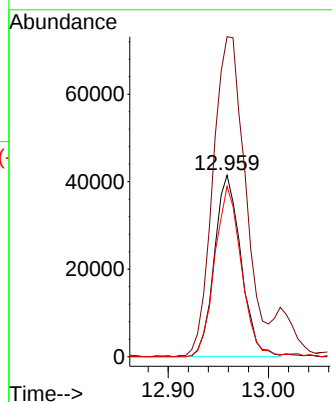
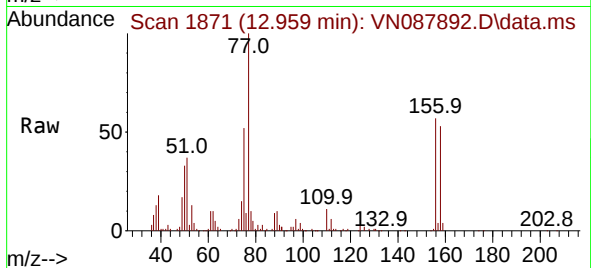
#77
Bromobenzene
Concen: 19.457 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN087892.D
Acq: 18 Sep 2025 13:28

Instrument :
MSVOA_N
ClientSampleId :
VN0918MBS01

Tgt Ion:156 Resp: 76224
Ion Ratio Lower Upper
156 100
77 215.4 119.3 358.0
158 93.9 48.2 144.6

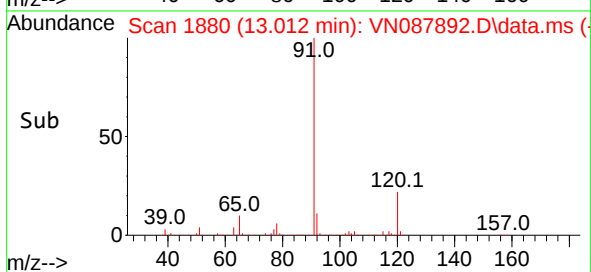
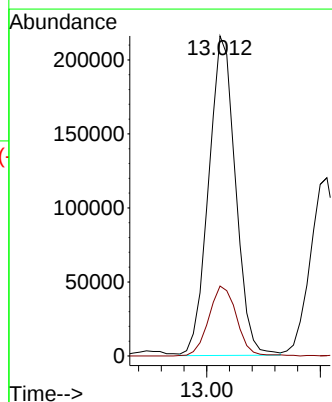
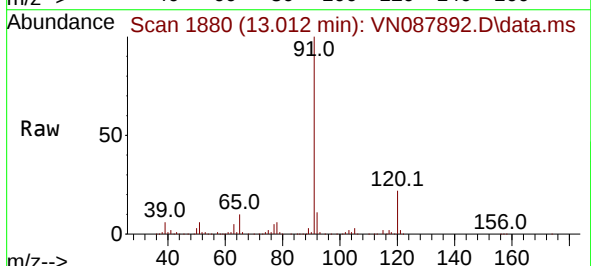
Manual Integrations
APPROVED

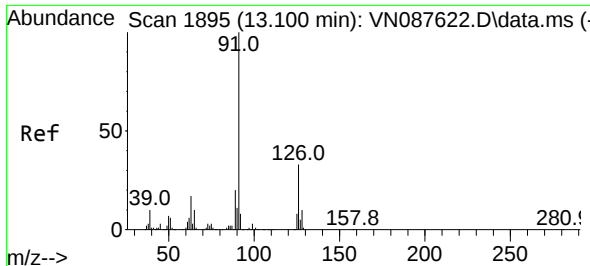
Reviewed By :John Carlone 09/19/2025
Supervised By :Mahesh Dadoda 09/19/2025



#78
n-propylbenzene
Concen: 17.306 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN087892.D
Acq: 18 Sep 2025 13:28

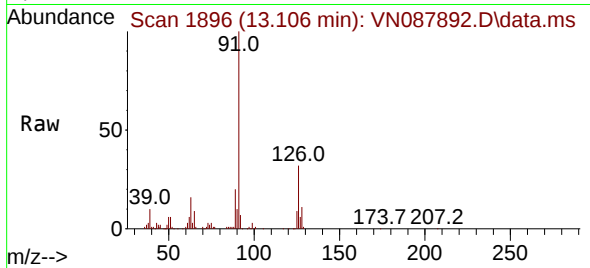
Tgt Ion: 91 Resp: 354171
Ion Ratio Lower Upper
91 100
120 22.7 10.7 32.1





#79
2-Chlorotoluene
Concen: 17.149 ug/l
RT: 13.106 min Scan# 1895
Delta R.T. 0.006 min
Lab File: VN087892.D
Acq: 18 Sep 2025 13:28

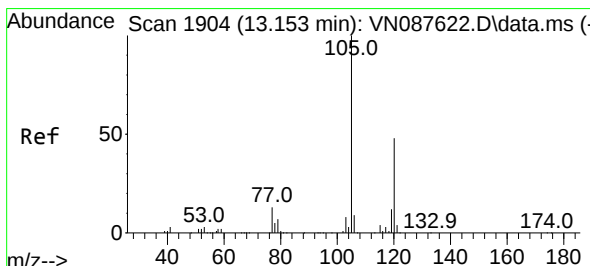
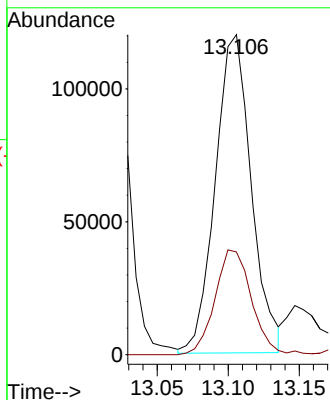
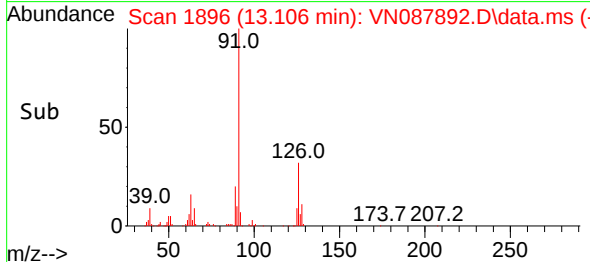
Instrument :
MSVOA_N
ClientSampleId :
VN0918MBS01



Tgt Ion: 91 Resp: 211208
Ion Ratio Lower Upper
91 100
126 33.5 16.1 48.3

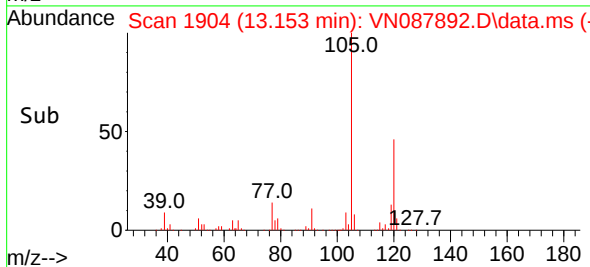
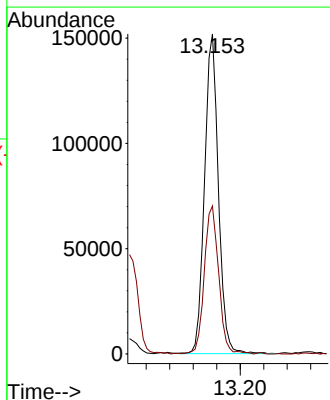
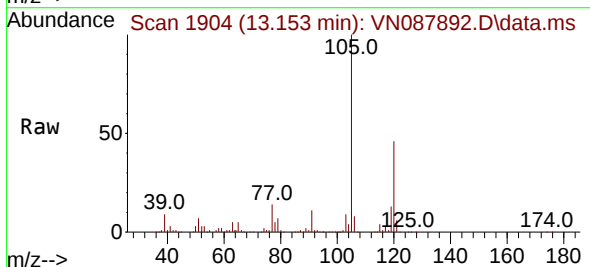
Manual Integrations
APPROVED

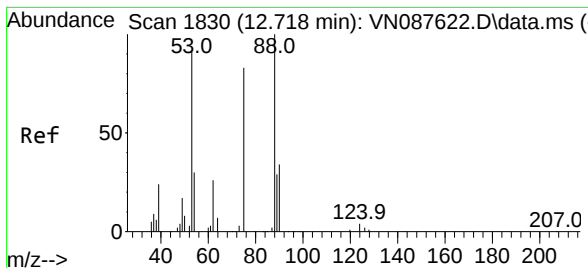
Reviewed By :John Carlone 09/19/2025
Supervised By :Mahesh Dadoda 09/19/2025



#80
1,3,5-Trimethylbenzene
Concen: 17.635 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VN087892.D
Acq: 18 Sep 2025 13:28

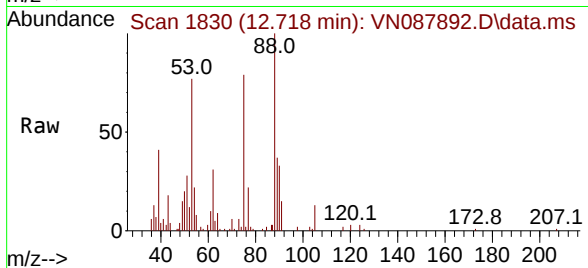
Tgt Ion:105 Resp: 248567
Ion Ratio Lower Upper
105 100
120 48.2 23.2 69.6





#81
trans-1,4-Dichloro-2-butene
Concen: 17.913 ug/l
RT: 12.718 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN087892.D
Acq: 18 Sep 2025 13:28

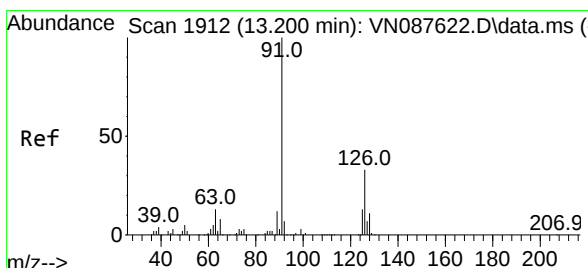
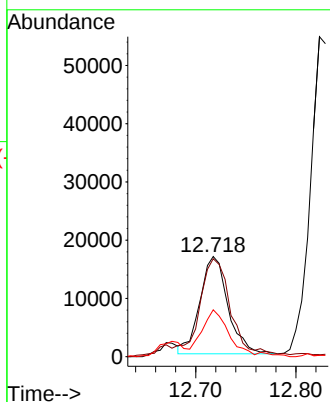
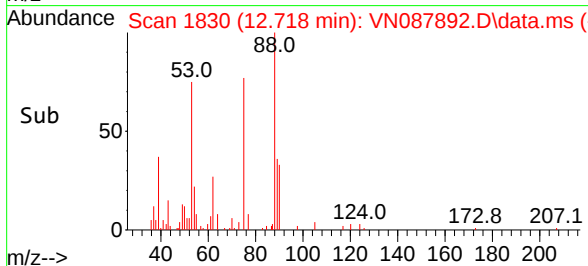
Instrument :
MSVOA_N
ClientSampleId :
VN0918MBS01



Tgt Ion: 75 Resp: 32625
Ion Ratio Lower Upper
75 100
53 107.9 101.8 152.6
89 47.3 35.6 53.4

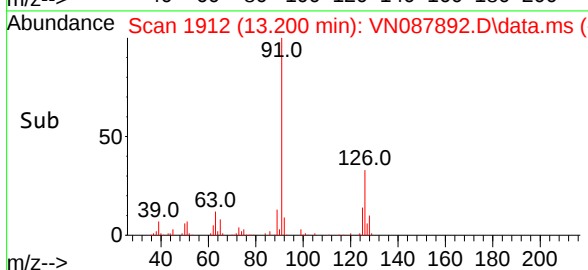
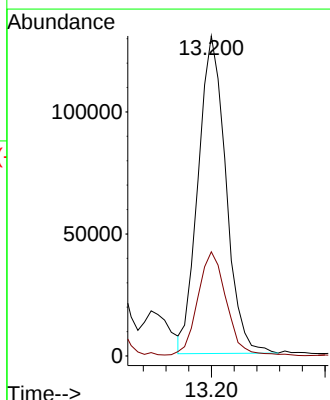
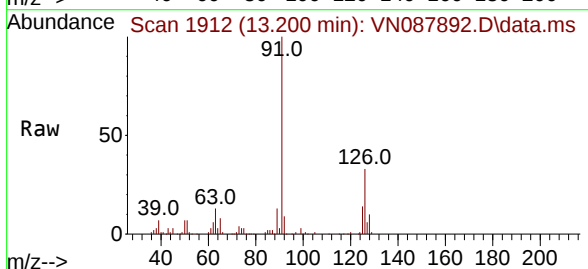
Manual Integrations
APPROVED

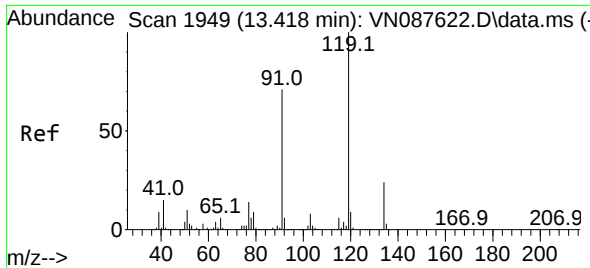
Reviewed By :John Carlone 09/19/2025
Supervised By :Mahesh Dadoda 09/19/2025



#82
4-Chlorotoluene
Concen: 17.050 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VN087892.D
Acq: 18 Sep 2025 13:28

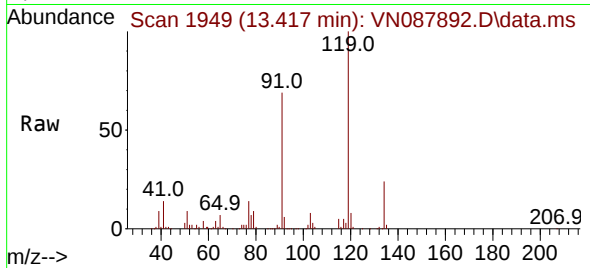
Tgt Ion: 91 Resp: 220775
Ion Ratio Lower Upper
91 100
126 33.9 15.6 46.8





#83
 tert-Butylbenzene
 Concen: 17.802 ug/l
 RT: 13.417 min Scan# 1949
 Delta R.T. -0.000 min
 Lab File: VN087892.D
 Acq: 18 Sep 2025 13:28

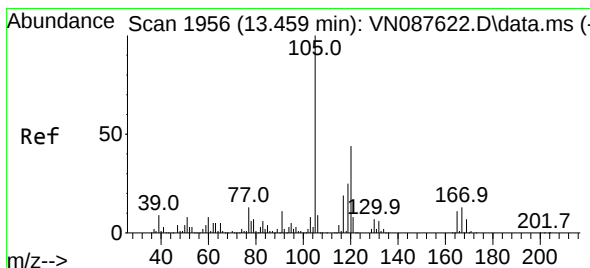
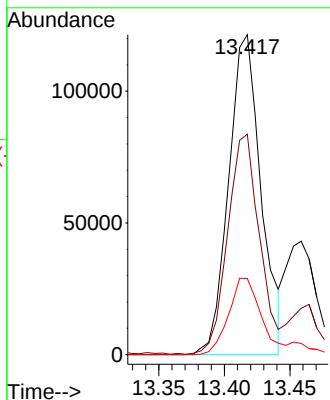
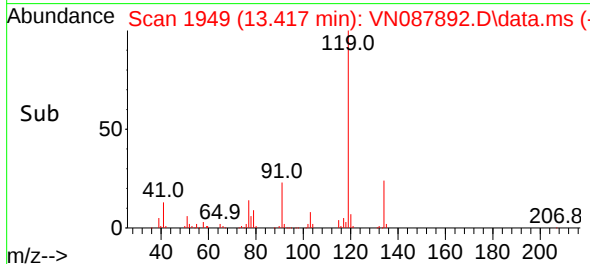
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0918MBS01



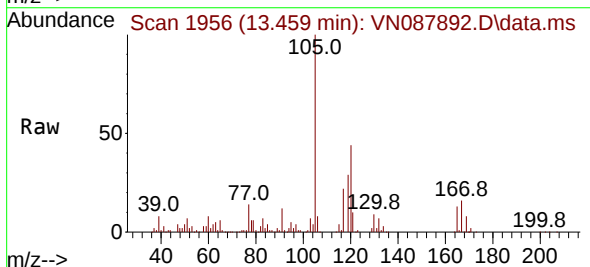
Tgt Ion:119 Resp: 209090
 Ion Ratio Lower Upper
 119 100
 91 67.3 35.0 105.0
 134 24.0 12.6 37.8

Manual Integrations
 APPROVED

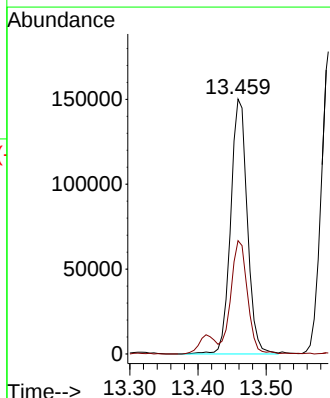
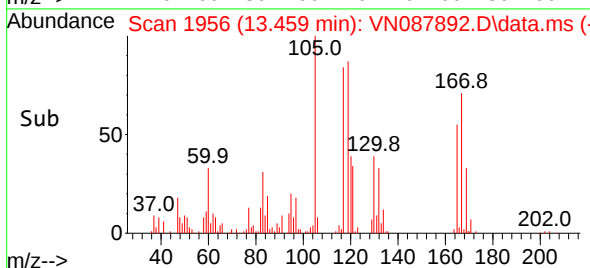
Reviewed By :John Carlone 09/19/2025
 Supervised By :Mahesh Dadoda 09/19/2025

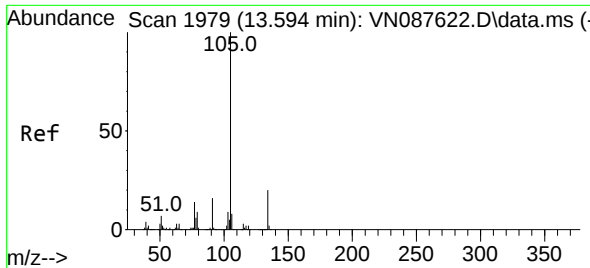


#84
 1,2,4-Trimethylbenzene
 Concen: 18.086 ug/l
 RT: 13.459 min Scan# 1956
 Delta R.T. -0.000 min
 Lab File: VN087892.D
 Acq: 18 Sep 2025 13:28



Tgt Ion:105 Resp: 255191
 Ion Ratio Lower Upper
 105 100
 120 43.8 22.0 66.0





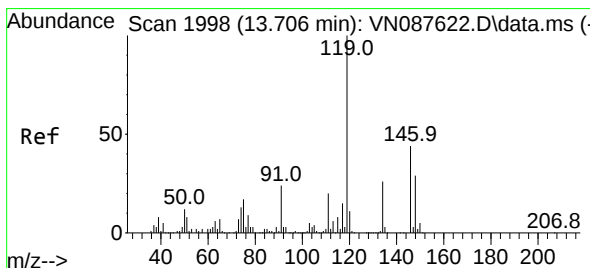
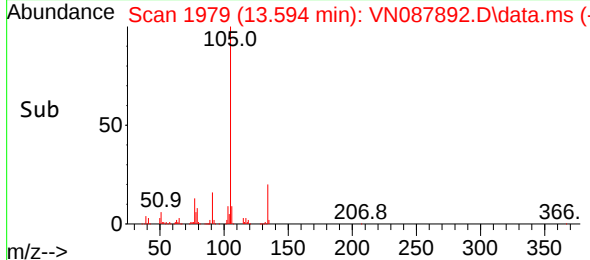
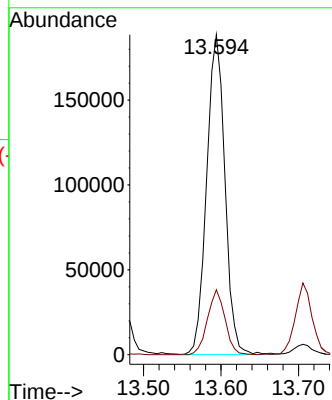
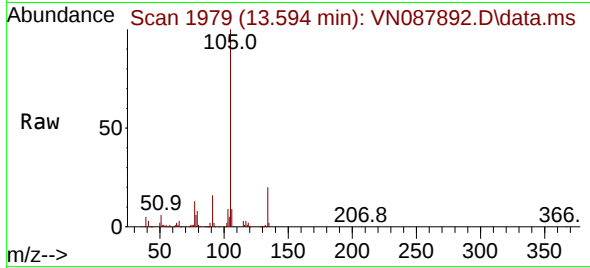
#85
 sec-Butylbenzene
 Concen: 17.680 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. -0.000 min
 Lab File: VN087892.D
 Acq: 18 Sep 2025 13:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0918MBS01

Tgt Ion:105 Resp: 30816
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.6 28.6

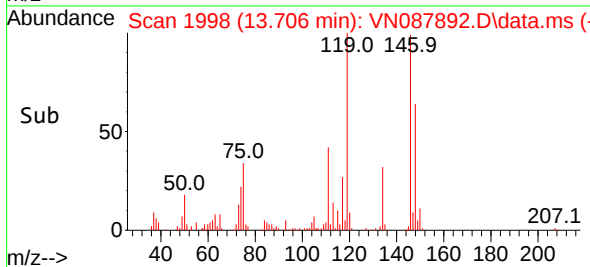
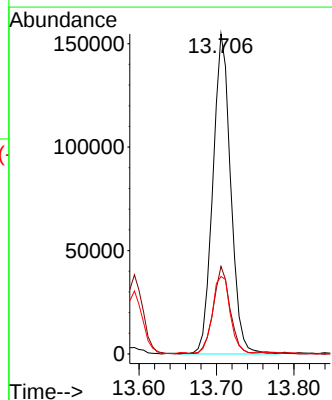
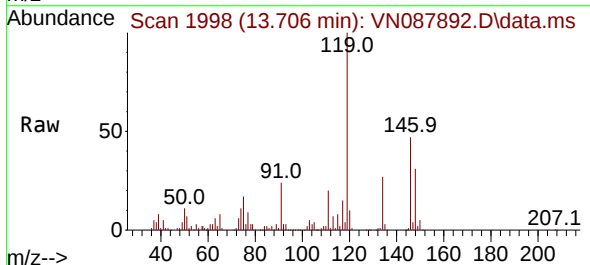
Manual Integrations
 APPROVED

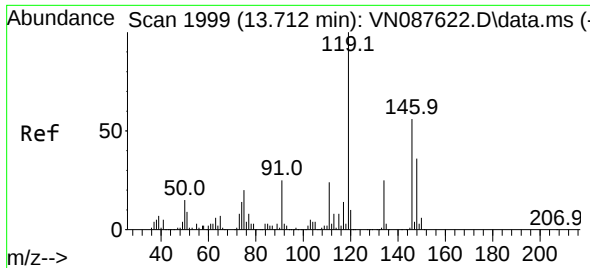
Reviewed By :John Carlone 09/19/2025
 Supervised By :Mahesh Dadoda 09/19/2025



#86
 p-Isopropyltoluene
 Concen: 17.294 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. -0.000 min
 Lab File: VN087892.D
 Acq: 18 Sep 2025 13:28

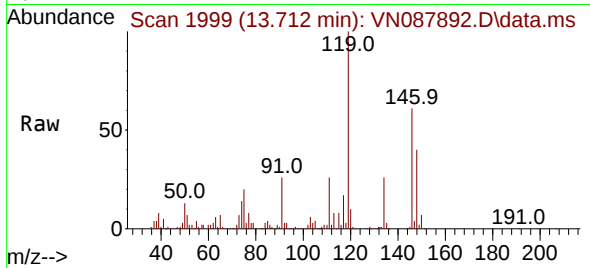
Tgt Ion:119 Resp: 248913
 Ion Ratio Lower Upper
 119 100
 134 25.2 12.7 38.0
 91 24.0 12.5 37.5





#87
1,3-Dichlorobenzene
Concen: 19.294 ug/l
RT: 13.712 min Scan# 1999
Delta R.T. -0.000 min
Lab File: VN087892.D
Acq: 18 Sep 2025 13:28

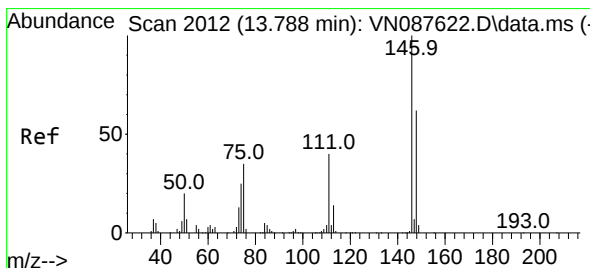
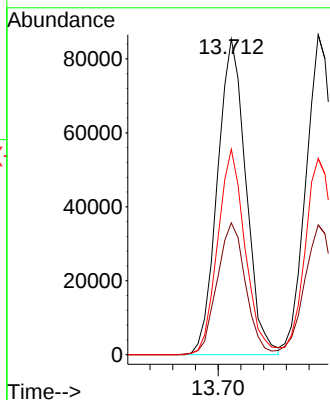
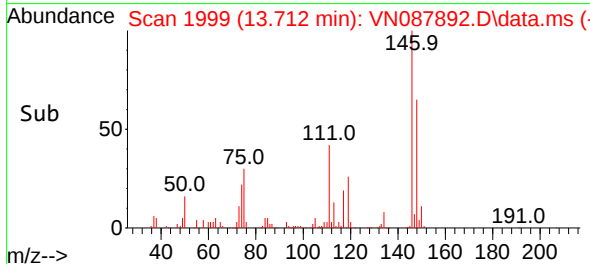
Instrument :
MSVOA_N
ClientSampleId :
VN0918MBS01



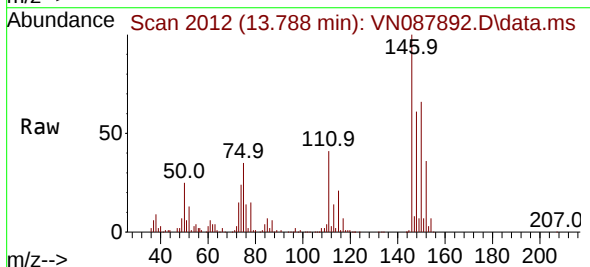
Tgt Ion:146 Resp: 148840
Ion Ratio Lower Upper
146 100
111 41.7 22.1 66.5
148 62.8 32.0 96.2

Manual Integrations
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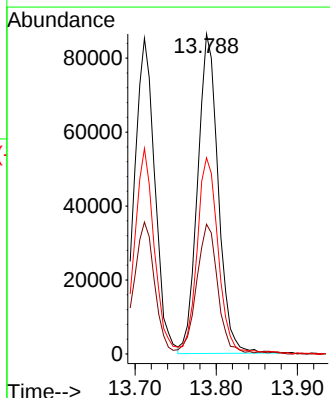
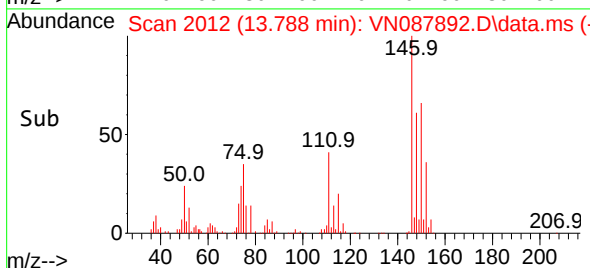
Reviewed By :John Carlone 09/19/2025
Supervised By :Mahesh Dadoda 09/19/2025

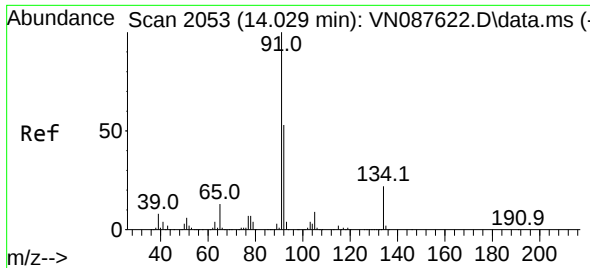


#88
1,4-Dichlorobenzene
Concen: 18.972 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN087892.D
Acq: 18 Sep 2025 13:28



Tgt Ion:146 Resp: 152312
Ion Ratio Lower Upper
146 100
111 41.1 21.0 63.0
148 61.7 32.0 96.0





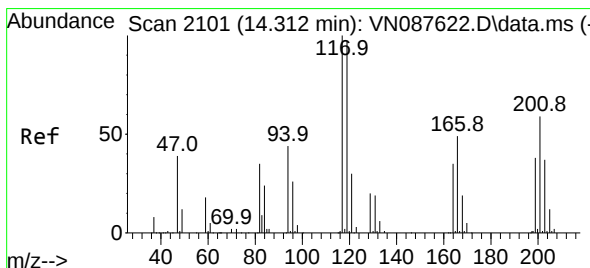
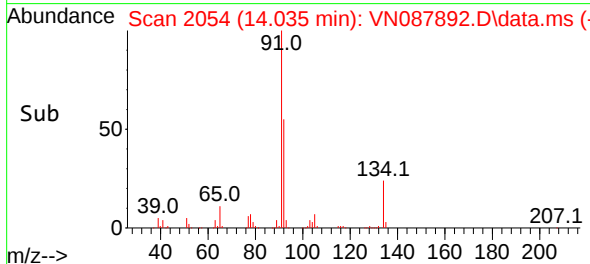
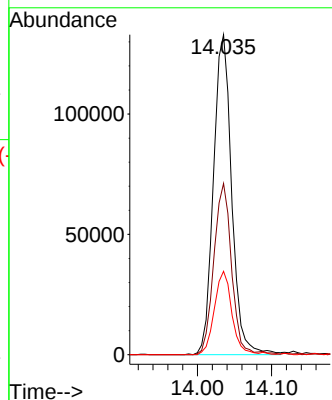
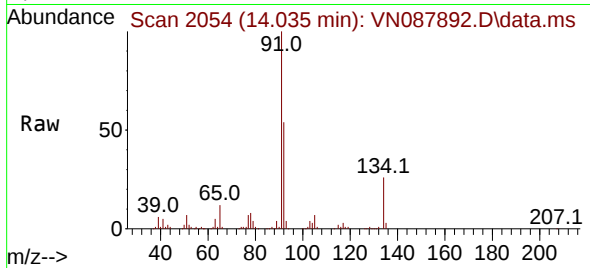
#89
n-Butylbenzene
Concen: 15.886 ug/l
RT: 14.035 min Scan# 2053
Delta R.T. 0.006 min
Lab File: VN087892.D
Acq: 18 Sep 2025 13:28

Instrument :
MSVOA_N
ClientSampleId :
VN0918MBS01

Tgt Ion: 91 Resp: 22708
Ion Ratio Lower Upper
91 100
92 52.2 25.9 77.8
134 25.0 11.7 35.0

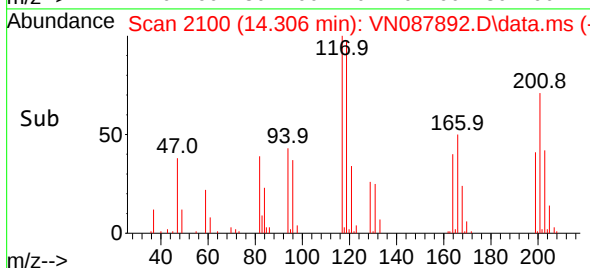
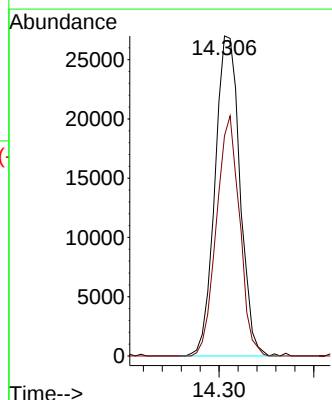
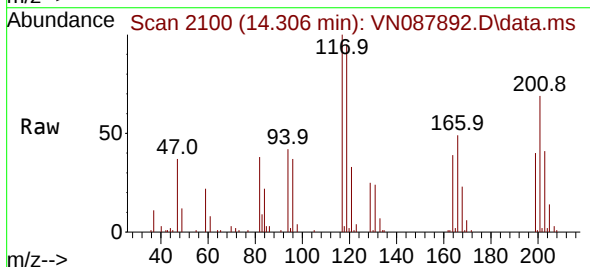
Manual Integrations
APPROVED

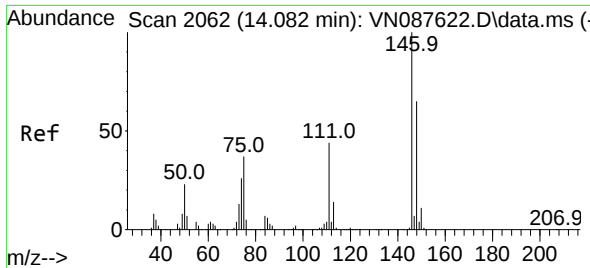
Reviewed By :John Carlone 09/19/2025
Supervised By :Mahesh Dadoda 09/19/2025



#90
Hexachloroethane
Concen: 18.019 ug/l
RT: 14.306 min Scan# 2100
Delta R.T. -0.006 min
Lab File: VN087892.D
Acq: 18 Sep 2025 13:28

Tgt Ion:117 Resp: 49408
Ion Ratio Lower Upper
117 100
201 69.7 29.1 87.4





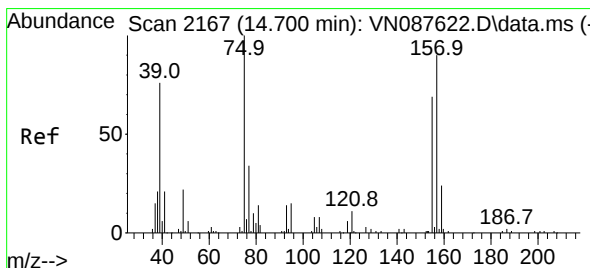
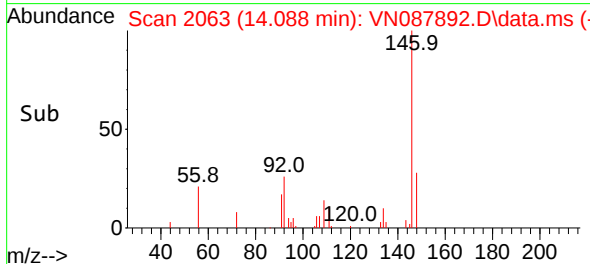
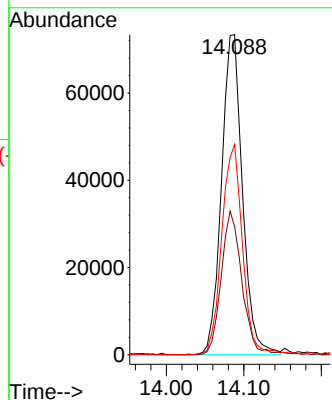
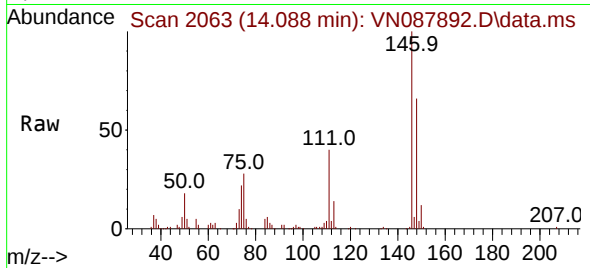
#91
1,2-Dichlorobenzene
Concen: 18.875 ug/l
RT: 14.088 min Scan# 2062
Delta R.T. 0.006 min
Lab File: VN087892.D
Acq: 18 Sep 2025 13:28

Instrument :
MSVOA_N
ClientSampleId :
VN0918MBS01

Tgt Ion:146 Resp: 13814
Ion Ratio Lower Upper
146 100
111 44.4 22.6 67.8
148 65.1 31.9 95.9

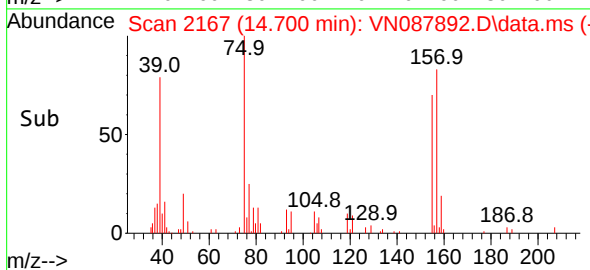
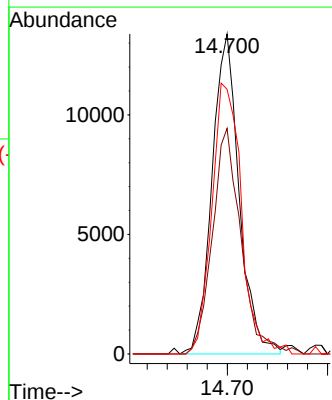
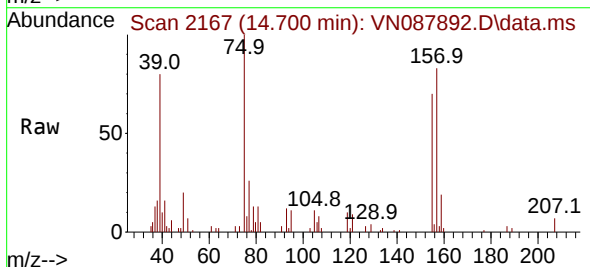
Manual Integrations
APPROVED

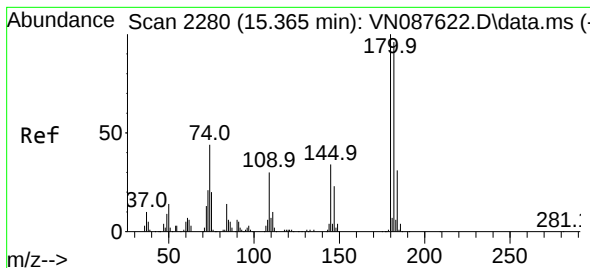
Reviewed By :John Carlone 09/19/2025
Supervised By :Mahesh Dadoda 09/19/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.524 ug/l
RT: 14.700 min Scan# 2167
Delta R.T. -0.000 min
Lab File: VN087892.D
Acq: 18 Sep 2025 13:28

Tgt Ion: 75 Resp: 25171
Ion Ratio Lower Upper
75 100
155 74.4 36.6 109.9
157 92.0 45.6 136.9





#93

1,2,4-Trichlorobenzene

Concen: 18.551 ug/l

RT: 15.364 min Scan# 2280

Delta R.T. -0.000 min

Lab File: VN087892.D

Acq: 18 Sep 2025 13:28

Instrument :

MSVOA_N

ClientSampleId :

VN0918MBS01

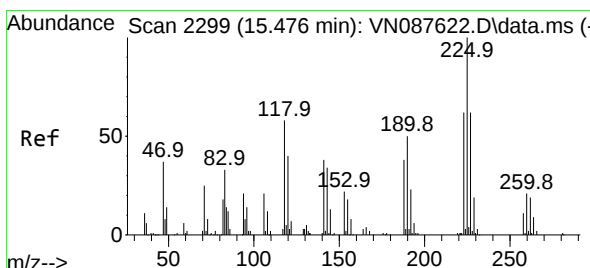
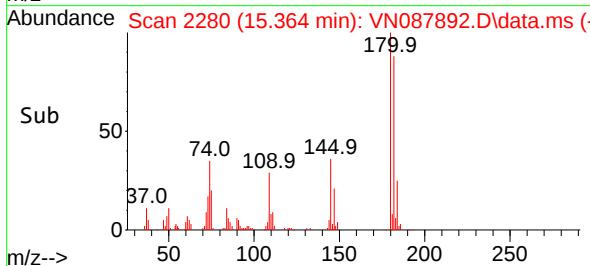
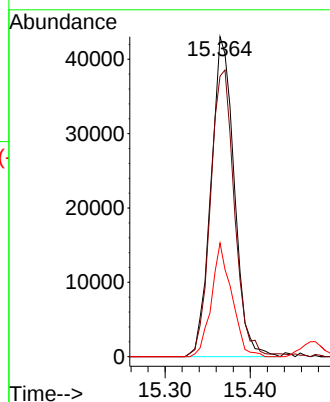
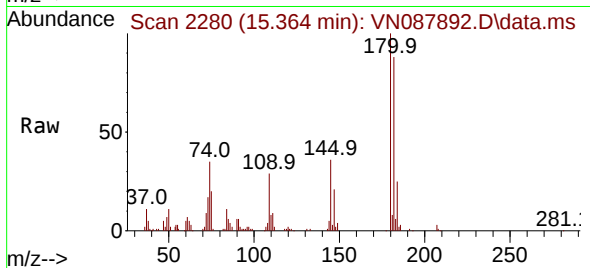
Tgt Ion:	180	Resp:	8153
Ion Ratio	Lower	Upper	
180	100		
182	93.1	47.6	142.9
145	31.1	16.5	49.5

Manual Integrations

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Supervised By :Mahesh Dadoda 09/19/2025



#94

Hexachlorobutadiene

Concen: 18.782 ug/l

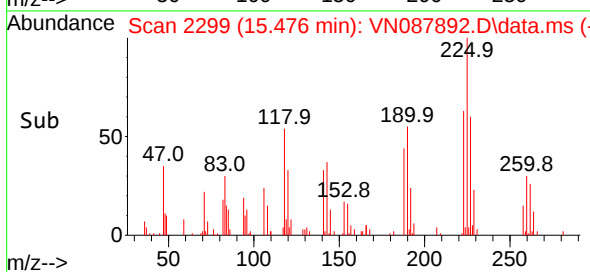
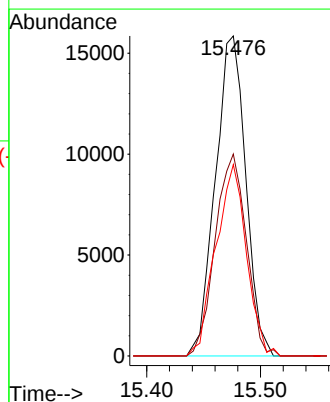
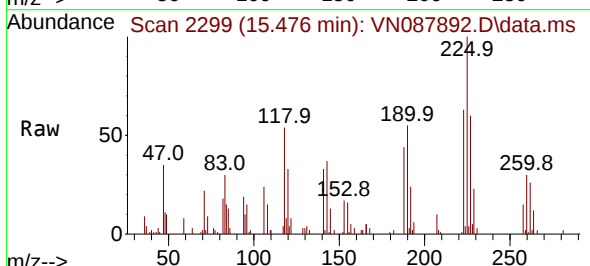
RT: 15.476 min Scan# 2299

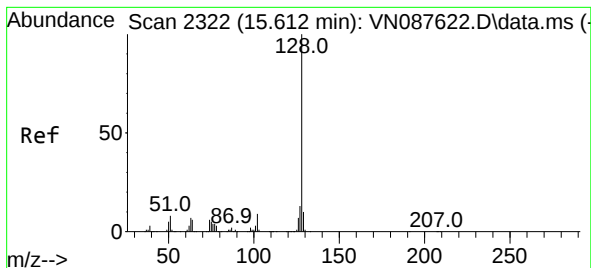
Delta R.T. -0.000 min

Lab File: VN087892.D

Acq: 18 Sep 2025 13:28

Tgt Ion:	225	Resp:	29428
Ion Ratio	Lower	Upper	
225	100		
223	64.8	32.0	96.2
227	60.4	32.1	96.5





#95

Naphthalene

Concen: 16.939 ug/l

RT: 15.617 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN087892.D

Acq: 18 Sep 2025 13:28

Instrument :

MSVOA_N

ClientSampleId :

VN0918MBS01

Tgt Ion:128 Resp: 26368

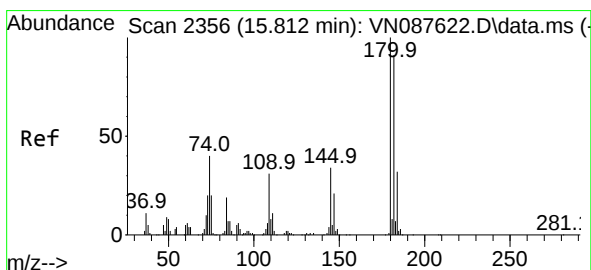
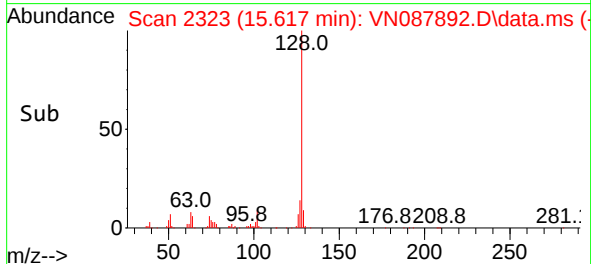
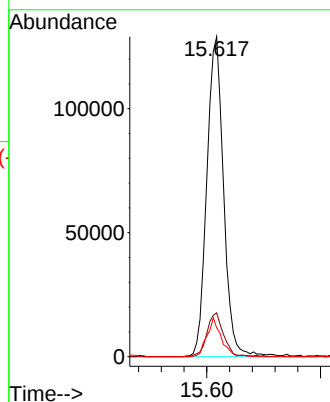
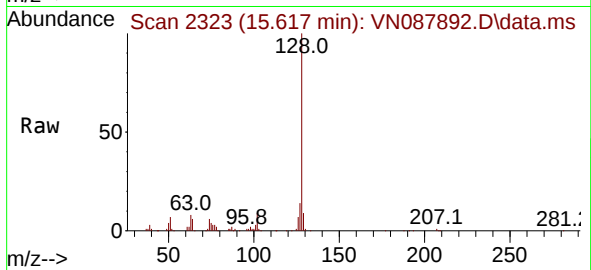
Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.6	15.8
129	10.4	8.6	12.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/19/2025

Supervised By :Mahesh Dadoda 09/19/2025



#96

1,2,3-Trichlorobenzene

Concen: 18.167 ug/l

RT: 15.811 min Scan# 2356

Delta R.T. -0.000 min

Lab File: VN087892.D

Acq: 18 Sep 2025 13:28

Tgt Ion:180 Resp: 78054

Ion	Ratio	Lower	Upper
180	100		
182	94.2	46.8	140.3
145	34.6	17.3	52.0

