

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071025\
 Data File : VN087318.D
 Acq On : 10 Jul 2025 11:53
 Operator : JC\MD
 Sample : VN0710WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0710WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/11/2025
 Supervised By : Mahesh Dadoda 07/14/2025

Quant Time: Jul 11 01:08:15 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N062525W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jun 25 10:49:56 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.824	128	43478	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	213327	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	206435	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	89417	27.296	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	91.000%
60) 4-Bromofluorobenzene	12.847	95	96219	30.205	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	100.700%
63) Toluene-d8	10.565	98	266713	28.775	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	95.933%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.154	85	38632	14.761	ug/l	99
3) Chloromethane	2.401	50	34367	12.856	ug/l	96
4) Vinyl Chloride	2.554	62	40108	13.805	ug/l	100
5) Bromomethane	3.001	94	36871	23.913	ug/l	84
6) Chloroethane	3.159	64	34534	22.159	ug/l	95
7) Trichlorofluoromethane	3.530	101	66118	18.553	ug/l	95
8) Diethyl Ether	3.989	74	25973	14.834	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.395	101	42899	16.237	ug/l	69
10) 1,1-Dichloroethene	4.365	96	39401	14.960	ug/l	95
11) Methyl Iodide	4.618	142	44964	19.056	ug/l	88
12) Methyl Acetate	5.042	43	59065	14.297	ug/l	99
13) Acrolein	4.206	56	68693	108.213	ug/l	98
14) Acrylonitrile	5.742	53	130117	67.525	ug/l	96
15) Acetone	4.448	58	41585	73.982	ug/l	88
16) Carbon Disulfide	4.742	76	102627	13.327	ug/l	97
17) Allyl chloride	5.053	41	49345	11.359	ug/l	95
18) Methylene Chloride	5.300	84	50036	16.399	ug/l	91
19) trans-1,2-Dichloroethene	5.812	96	44108	15.314	ug/l	92
20) Diisopropyl ether	6.683	45	120093	13.030	ug/l	96
21) 1,1-Dichloroethane	6.583	63	79972	14.518	ug/l	96
22) cis-1,2-Dichloroethene	7.500	96	55036	16.418	ug/l	92
23) tert-Butyl Alcohol	5.536	59	51657	71.282	ug/l #	100
24) Methyl tert-Butyl Ether	5.818	73	147683	15.988	ug/l	99
25) Chloroform	7.971	83	91627	17.363	ug/l	92
26) Cyclohexane	8.265	56	56751	12.395	ug/l #	86
29) 1,1-Dichloropropene	8.383	75	56706	17.055	ug/l	98
30) 2-Butanone	7.489	43	174754	77.914	ug/l #	91
31) 2,2-Dichloropropane	7.500	77	75667	18.852	ug/l	99
32) 1,1,1-Trichloroethane	8.177	97	80528	20.731	ug/l	96
33) Carbon Tetrachloride	8.371	117	68065	20.822	ug/l	90
34) Benzene	8.612	78	184295	17.496	ug/l	98
35) Methacrylonitrile	7.788	41	32474	14.367	ug/l #	70
36) 1,2-Dichloroethane	8.677	62	68912	20.248	ug/l	99
37) Trichloroethene	9.353	130	46707	19.224	ug/l	79
38) Methylcyclohexane	9.600	83	60079	15.748	ug/l	94
39) 1,2-Dichloropropane	9.624	63	45815	17.329	ug/l	98
40) Dibromomethane	9.706	93	39225	21.819	ug/l	95
41) Bromodichloromethane	9.888	83	71521	19.710	ug/l	98
42) Vinyl Acetate	6.618	43	557843	76.469	ug/l #	94

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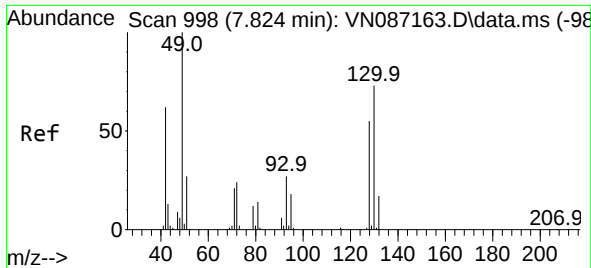
Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/11/2025
 Supervised By : Mahesh Dadoda 07/14/2025

Quant Time: Jul 11 01:08:15 2025
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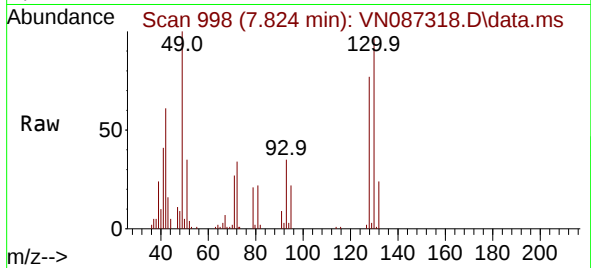
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.571	43	69979	17.283	ug/l	97
44) Isopropyl Acetate	8.694	43	105647	16.015	ug/l	94
45) 1,4-Dioxane	9.706	88	16279	364.796	ug/l #	82
46) Methyl methacrylate	9.688	41	46575	15.187	ug/l	89
47) n-amyl Acetate	12.535	43	59414m	14.731	ug/l	
48) t-1,3-Dichloropropene	10.835	75	74747	18.477	ug/l	95
49) cis-1,3-Dichloropropene	10.312	75	75850	17.637	ug/l	96
50) 1,1,2-Trichloroethane	11.018	97	50939	19.947	ug/l	94
51) Ethyl methacrylate	10.882	69	60712	15.620	ug/l	93
52) 1,3-Dichloropropane	11.165	76	80260	18.306	ug/l	99
53) Dibromochloromethane	11.359	129	58101	21.674	ug/l	100
54) 1,2-Dibromoethane	11.471	107	53907	20.460	ug/l	97
55) 2-Chloroethyl vinyl ether	10.165	63	159599	71.634	ug/l	94
56) Bromoform	12.576	173	40144	21.784	ug/l	98
58) 4-Methyl-2-Pentanone	10.447	43	323835	78.031	ug/l	98
59) 2-Hexanone	11.206	43	186329	69.530	ug/l	97
61) Tetrachloroethene	11.106	164	39473	19.308	ug/l	94
62) Toluene	10.629	91	209457	17.965	ug/l	99
64) Chlorobenzene	11.888	112	142509	19.162	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.959	131	51088	20.790	ug/l	95
66) Ethyl Benzene	11.965	91	223351	17.502	ug/l	94
67) m/p-Xylenes	12.071	106	180696	36.950	ug/l	95
68) o-Xylene	12.400	106	86642	18.571	ug/l	94
69) Styrene	12.412	104	147043	18.358	ug/l	98
70) Isopropylbenzene	12.694	105	215183	18.519	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.935	83	78763	18.832	ug/l	96
72) 1,2,3-Trichloropropane	12.994	75	77598m	21.515	ug/l	
73) Bromobenzene	12.982	156	57731	20.482	ug/l	85
74) n-propylbenzene	13.035	91	263560	18.567	ug/l	95
75) 2-Chlorotoluene	13.123	91	160616	18.728	ug/l	92
76) 1,3,5-Trimethylbenzene	13.170	105	185472	19.607	ug/l	99
77) t-1,4-Dichloro-2-butene	12.735	75	26867	16.794	ug/l	94
78) 4-Chlorotoluene	13.218	91	168398	19.172	ug/l	94
79) tert-butylbenzene	13.435	119	159746	20.090	ug/l	98
80) 1,2,4-Trimethylbenzene	13.482	105	188426	19.837	ug/l	100
81) sec-Butylbenzene	13.612	105	225155	19.479	ug/l	95
82) p-Isopropyltoluene	13.729	119	195037	20.276	ug/l	98
83) 1,3-Dichlorobenzene	13.735	146	115110	21.208	ug/l	99
84) 1,4-Dichlorobenzene	13.812	146	115357	21.118	ug/l	99
85) n-Butylbenzene	14.053	91	162676	18.536	ug/l	98
86) Hexachloroethane	14.335	117	37956	20.846	ug/l	99
87) 1,2-Dichlorobenzene	14.106	146	112151	21.914	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.717	75	19078	20.258	ug/l	92
89) 1,2,4-Trichlorobenzene	15.835	180	58754	20.292	ug/l	98
90) Hexachlorobutadiene	15.500	225	16592	19.311	ug/l	93
91) Naphthalene	15.635	128	217054	19.047	ug/l	100
92) 1,2,3-Trichlorobenzene	15.835	180	58754	20.292	ug/l	98

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.824 min Scan# 998
Delta R.T. -0.000 min
Lab File: VN087318.D
Acq: 10 Jul 2025 11:53

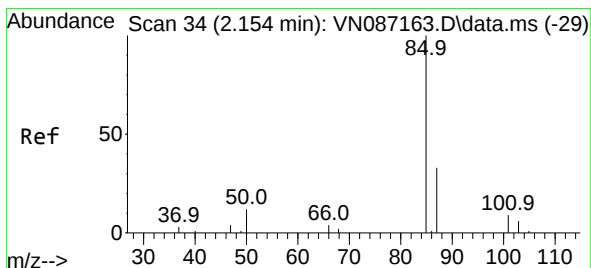
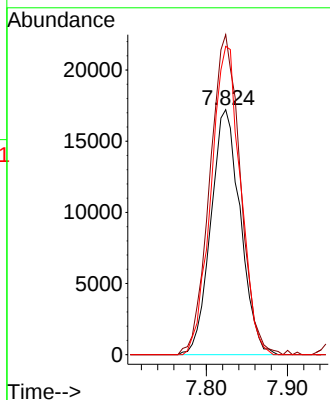
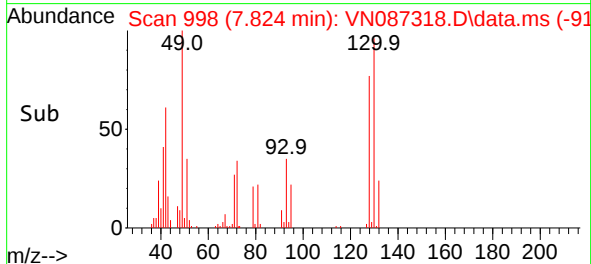
Instrument :
MSVOA_N
ClientSampleId :
VN0710WBSD01



Tgt Ion:128 Resp: 43478
Ion Ratio Lower Upper
128 100
49 135.1 0.0 450.5
130 125.9 0.0 320.7

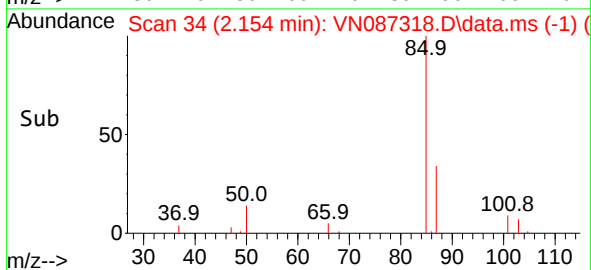
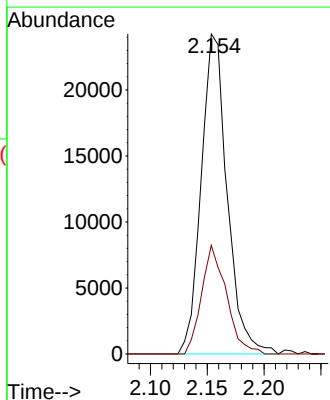
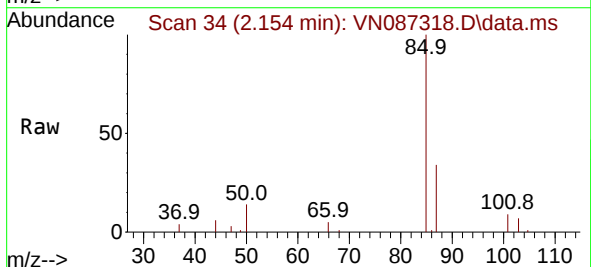
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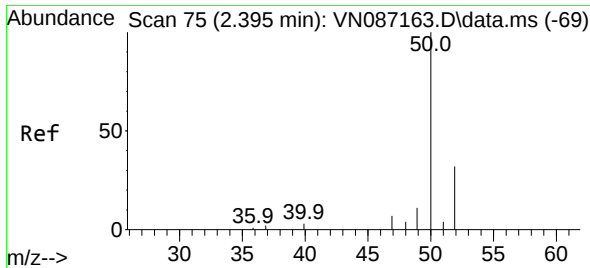
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025



#2
Dichlorodifluoromethane
Concen: 14.761 ug/l
RT: 2.154 min Scan# 34
Delta R.T. 0.000 min
Lab File: VN087318.D
Acq: 10 Jul 2025 11:53

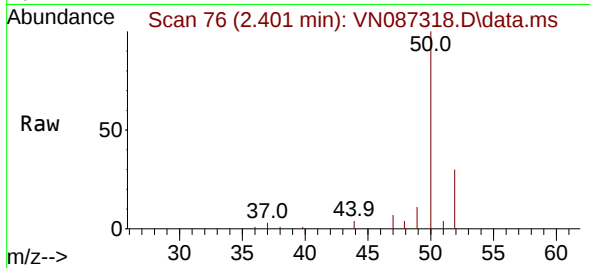
Tgt Ion: 85 Resp: 38632
Ion Ratio Lower Upper
85 100
87 33.9 16.7 50.0





#3
Chloromethane
Concen: 12.856 ug/l
RT: 2.401 min Scan# 75
Delta R.T. 0.006 min
Lab File: VN087318.D
Acq: 10 Jul 2025 11:53

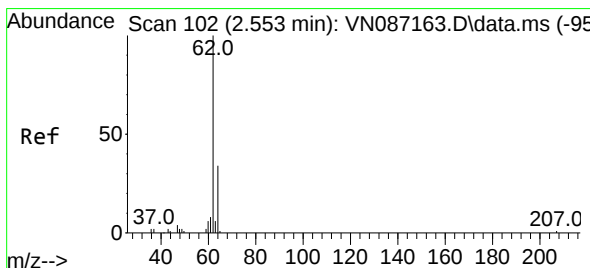
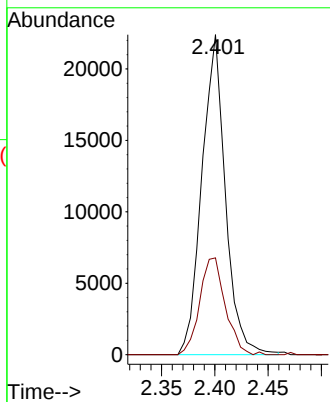
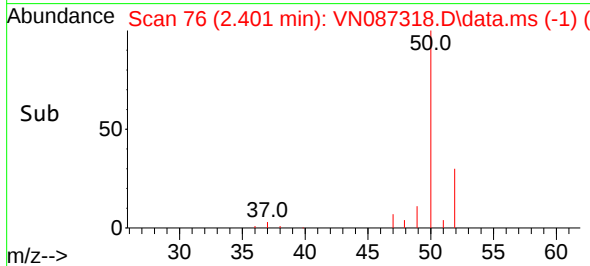
Instrument :
MSVOA_N
ClientSampleId :
VN0710WBSD01



Tgt Ion: 50 Resp: 3436
Ion Ratio Lower Upper
50 100
52 30.3 25.9 38.9

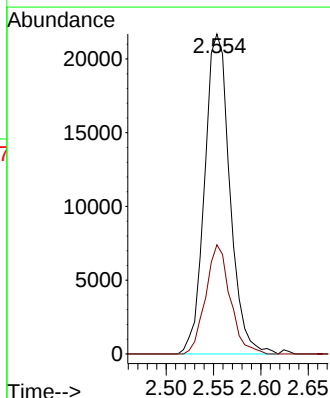
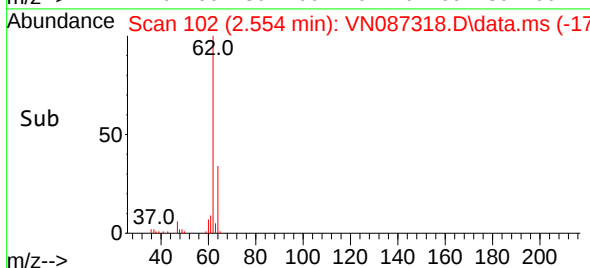
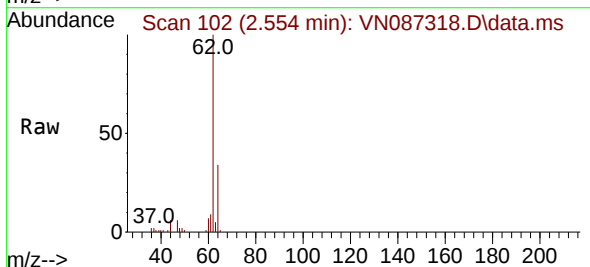
Manual Integrations
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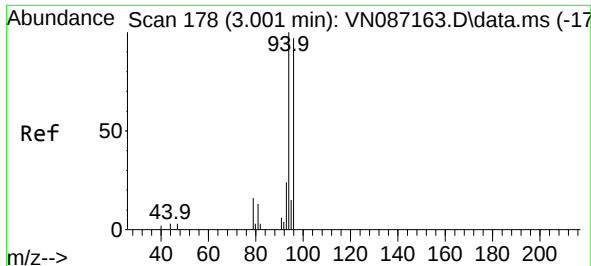
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025



#4
Vinyl Chloride
Concen: 13.805 ug/l
RT: 2.554 min Scan# 102
Delta R.T. 0.000 min
Lab File: VN087318.D
Acq: 10 Jul 2025 11:53

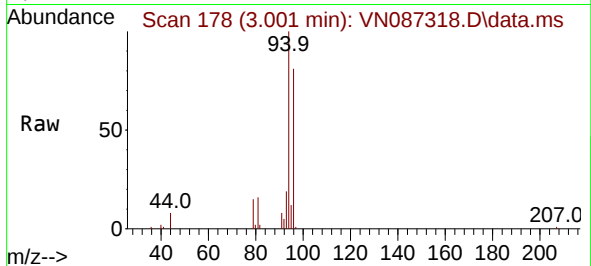
Tgt Ion: 62 Resp: 40108
Ion Ratio Lower Upper
62 100
64 34.1 27.4 41.2





#5
Bromomethane
Concen: 23.913 ug/l
RT: 3.001 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087318.D
Acq: 10 Jul 2025 11:53

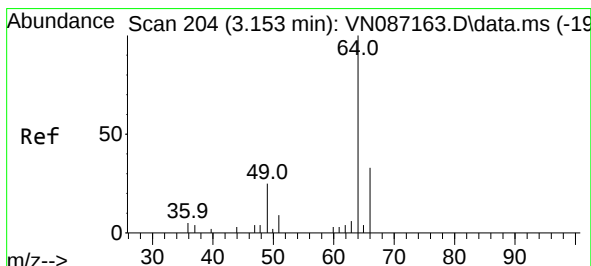
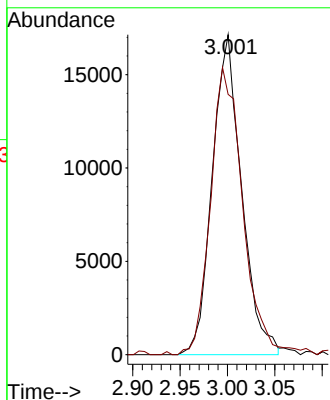
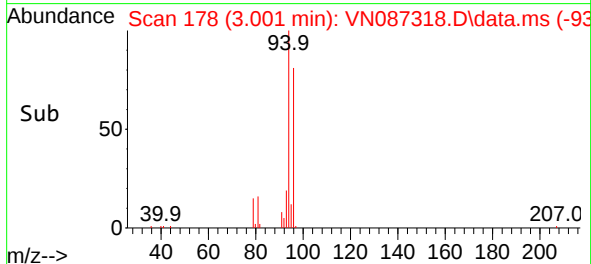
Instrument :
MSVOA_N
ClientSampleId :
VN0710WBSD01



Tgt Ion: 94 Resp: 3687
Ion Ratio Lower Upper
94 100
96 81.4 77.9 116.9

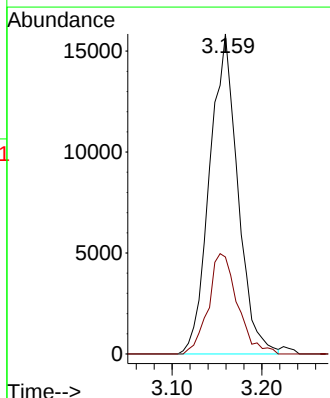
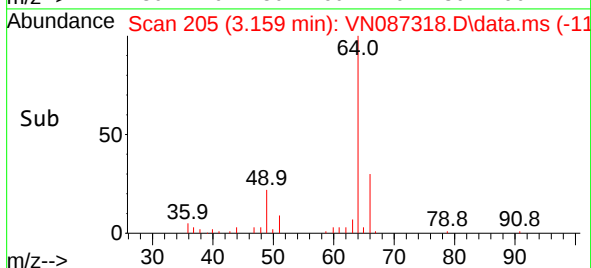
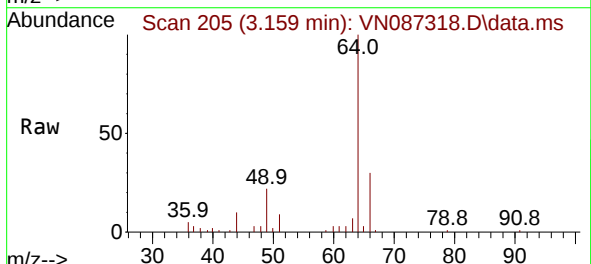
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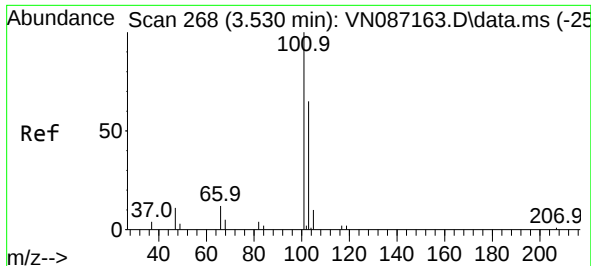
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025



#6
Chloroethane
Concen: 22.159 ug/l
RT: 3.159 min Scan# 205
Delta R.T. 0.006 min
Lab File: VN087318.D
Acq: 10 Jul 2025 11:53

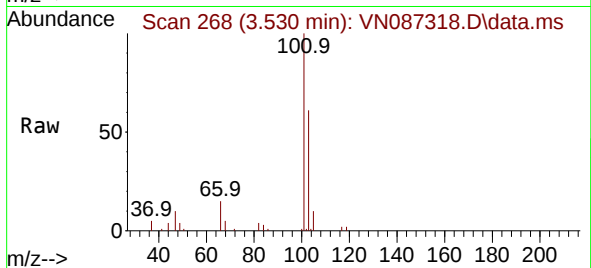
Tgt Ion: 64 Resp: 34534
Ion Ratio Lower Upper
64 100
66 30.3 26.4 39.6





#7
 Trichlorofluoromethane
 Concen: 18.553 ug/l
 RT: 3.530 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN087318.D
 Acq: 10 Jul 2025 11:53

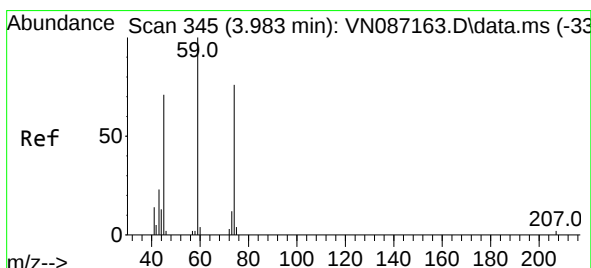
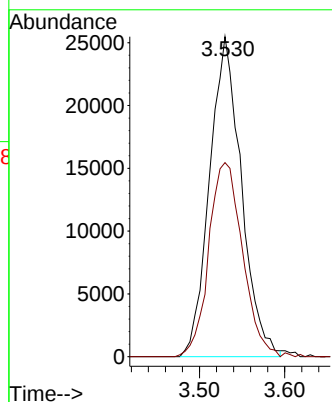
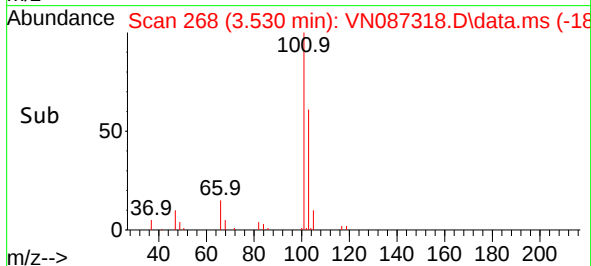
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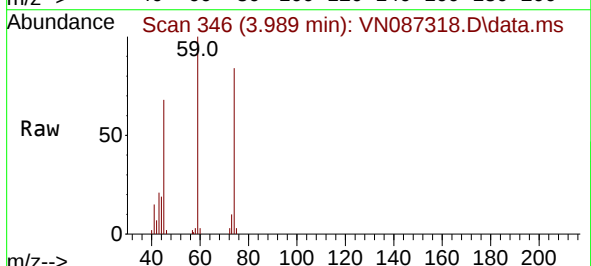
Tgt Ion:101 Resp: 66118
 Ion Ratio Lower Upper
 101 100
 103 60.6 51.8 77.8

Manual Integrations
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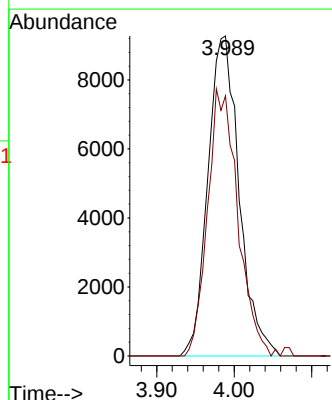
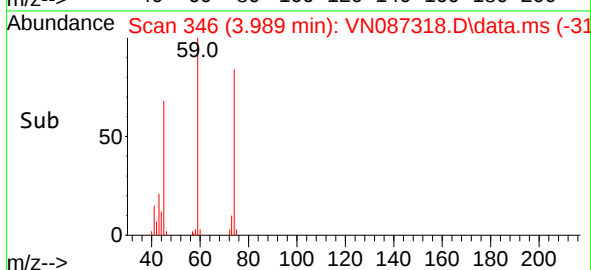
Reviewed By :John Carlone 07/11/2025
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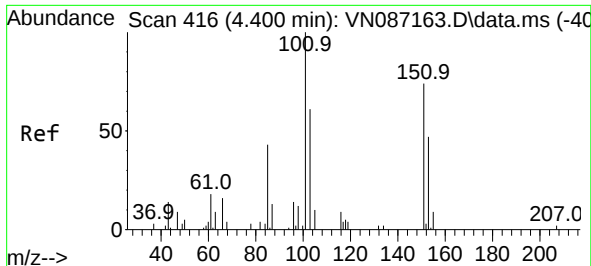


#8
 Diethyl Ether
 Concen: 14.834 ug/l
 RT: 3.989 min Scan# 346
 Delta R.T. 0.006 min
 Lab File: VN087318.D
 Acq: 10 Jul 2025 11:53



Tgt Ion: 74 Resp: 25973
 Ion Ratio Lower Upper
 74 100
 45 80.4 19.0 171.0





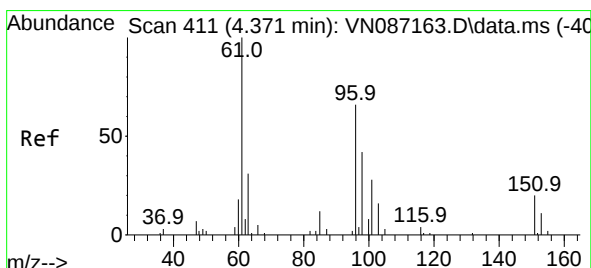
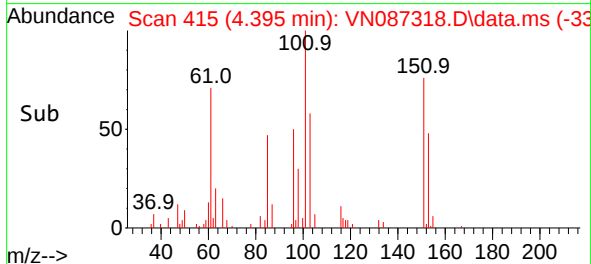
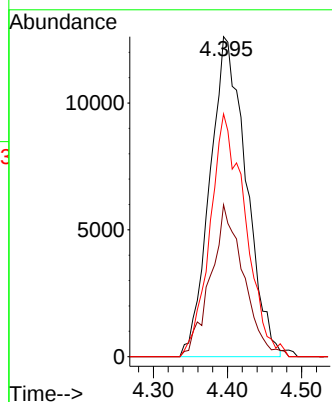
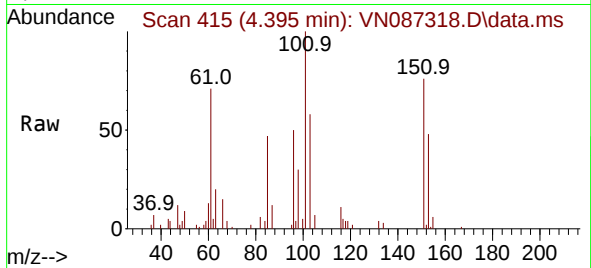
#9
1,1,2-Trichlorotrifluoroethane
Concen: 16.237 ug/l
RT: 4.395 min Scan# 416
Delta R.T. -0.006 min
Lab File: VN087318.D
Acq: 10 Jul 2025 11:53

Instrument :
MSVOA_N
ClientSampleId :
VN0710WBSD01

Tgt Ion:101 Resp: 42899
Ion Ratio Lower Upper
101 100
85 37.0 0.0 40.6
151 46.0 0.0 141.2

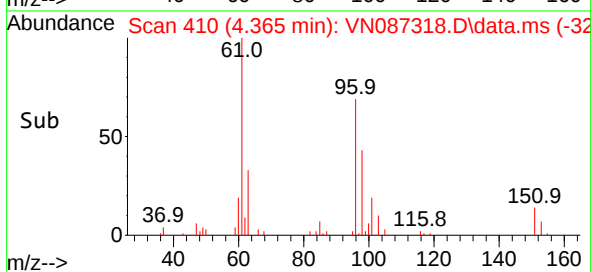
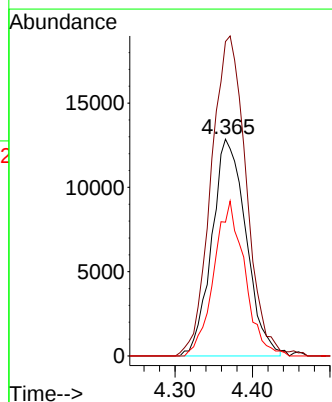
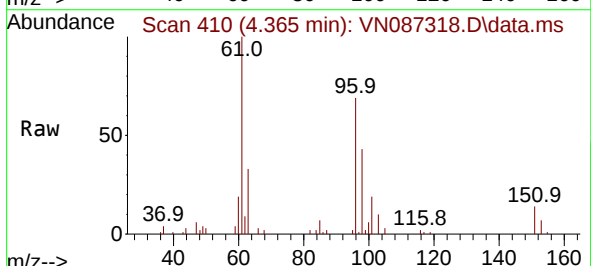
Manual Integrations
APPROVED

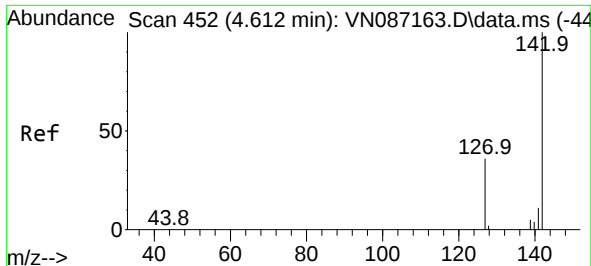
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025



#10
1,1-Dichloroethene
Concen: 14.960 ug/l
RT: 4.365 min Scan# 410
Delta R.T. -0.006 min
Lab File: VN087318.D
Acq: 10 Jul 2025 11:53

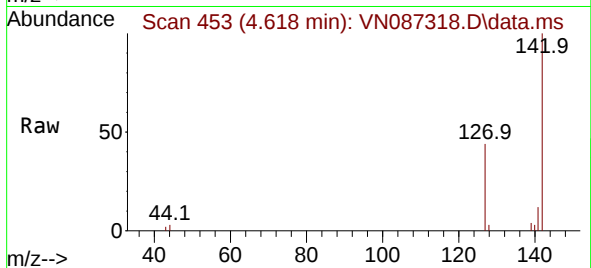
Tgt Ion: 96 Resp: 39401
Ion Ratio Lower Upper
96 100
61 143.5 122.0 183.0
98 61.7 50.3 75.5





#11
Methyl Iodide
Concen: 19.056 ug/l
RT: 4.618 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN087318.D
Acq: 10 Jul 2025 11:53

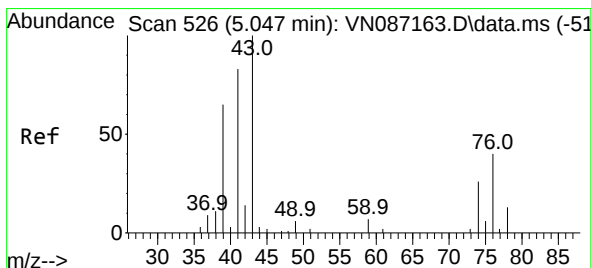
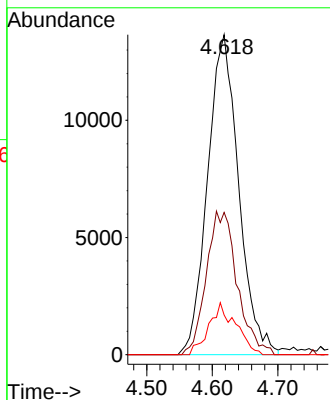
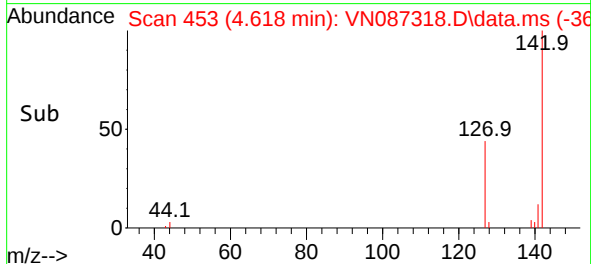
Instrument :
MSVOA_N
ClientSampleId :
VN0710WBSD01



Tgt Ion:142 Resp: 44964
Ion Ratio Lower Upper
142 100
127 44.7 18.1 54.1
141 12.5 5.7 17.1

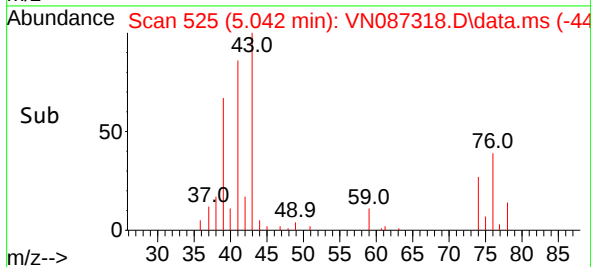
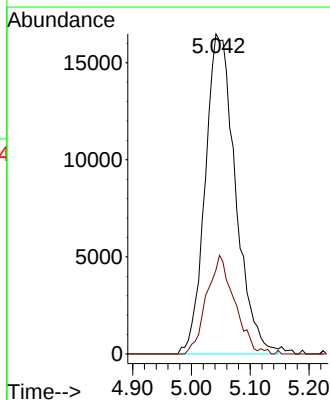
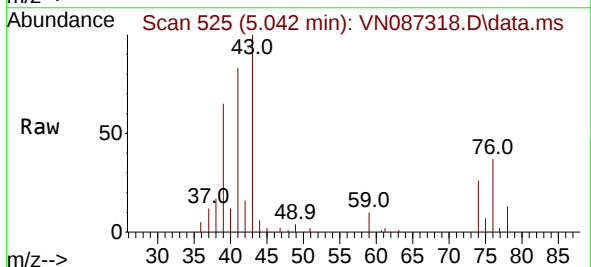
Manual Integrations
APPROVED

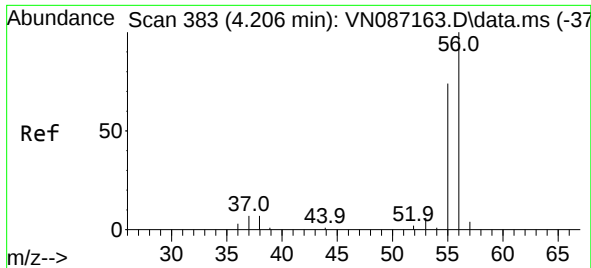
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025



#12
Methyl Acetate
Concen: 14.297 ug/l
RT: 5.042 min Scan# 525
Delta R.T. -0.006 min
Lab File: VN087318.D
Acq: 10 Jul 2025 11:53

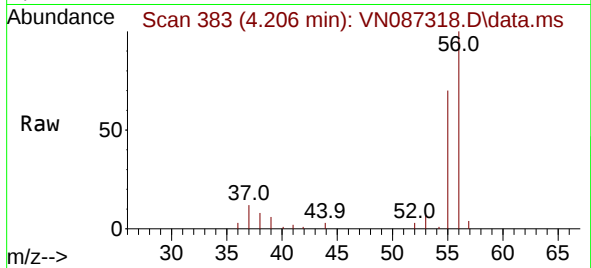
Tgt Ion: 43 Resp: 59065
Ion Ratio Lower Upper
43 100
74 25.9 20.3 30.5





#13
Acrolein
Concen: 108.213 ug/l
RT: 4.206 min Scan# 383
Delta R.T. 0.000 min
Lab File: VN087318.D
Acq: 10 Jul 2025 11:53

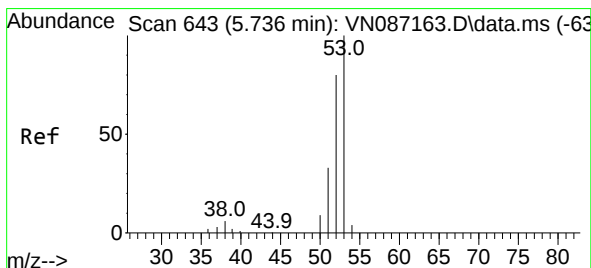
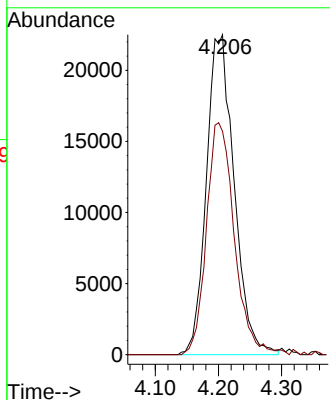
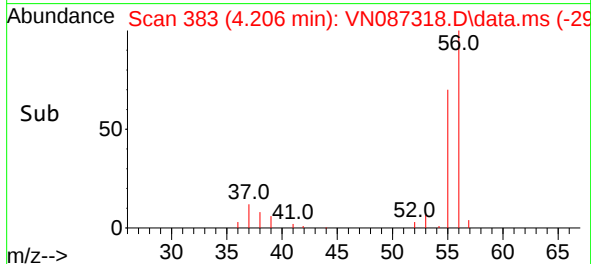
Instrument :
MSVOA_N
ClientSampleId :
VN0710WBSD01



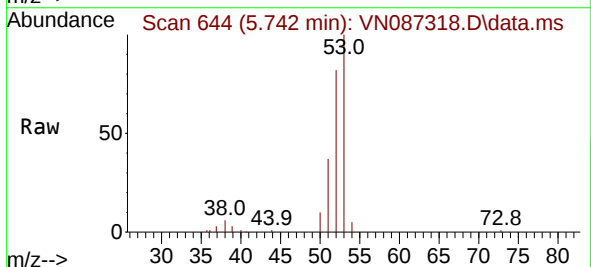
Tgt Ion: 56 Resp: 6869
Ion Ratio Lower Upper
56 100
55 71.4 55.7 83.5

Manual Integrations
APPROVED

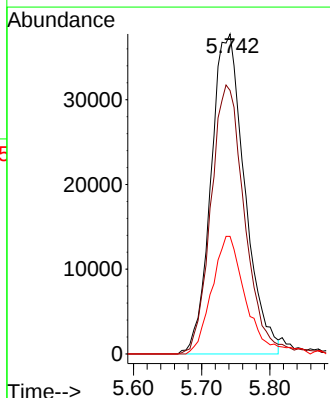
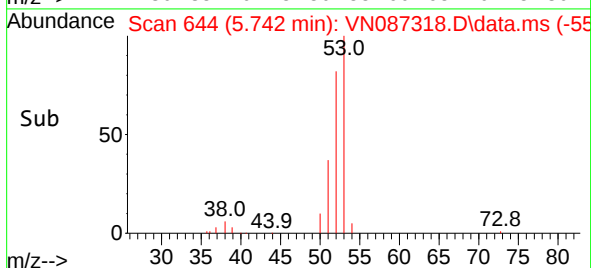
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

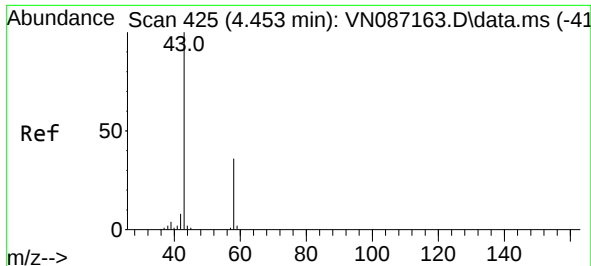


#14
Acrylonitrile
Concen: 67.525 ug/l
RT: 5.742 min Scan# 644
Delta R.T. 0.006 min
Lab File: VN087318.D
Acq: 10 Jul 2025 11:53



Tgt Ion: 53 Resp: 130117
Ion Ratio Lower Upper
53 100
52 83.7 40.5 121.5
51 36.8 16.9 50.7





#15

Acetone

Concen: 73.982 ug/l

RT: 4.448 min Scan# 4158

Delta R.T. -0.006 min

Lab File: VN087318.D

Acq: 10 Jul 2025 11:53

Instrument :

MSVOA_N

ClientSampleId :

VN0710WBSD01

Tgt Ion: 58 Resp: 4158

Ion Ratio Lower Upper

58 100

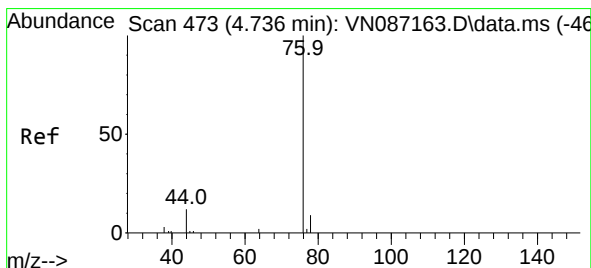
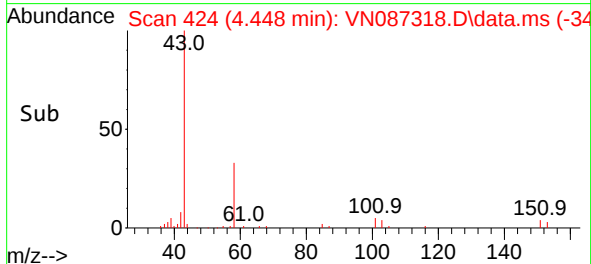
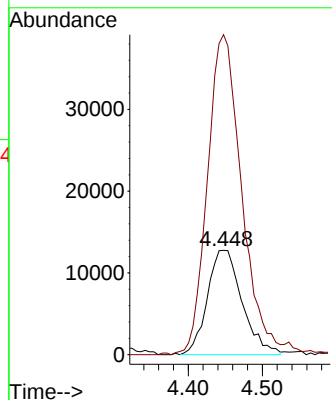
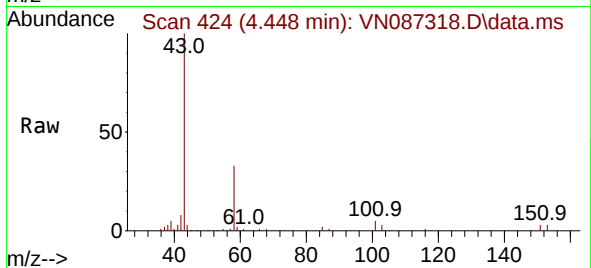
43 303.7 224.3 336.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2025

Supervised By :Mahesh Dadoda 07/14/2025



#16

Carbon Disulfide

Concen: 13.327 ug/l

RT: 4.742 min Scan# 474

Delta R.T. 0.006 min

Lab File: VN087318.D

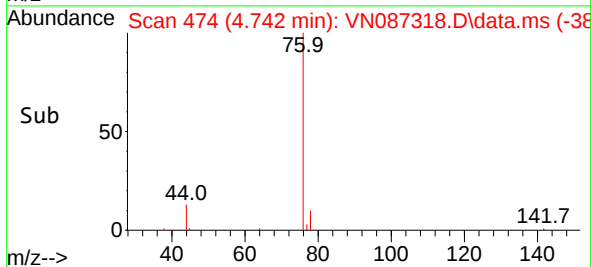
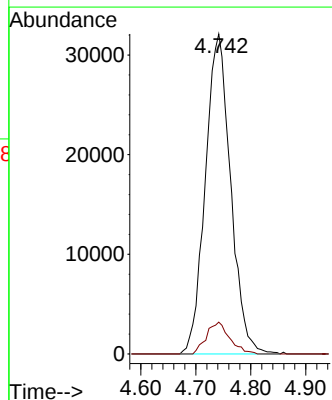
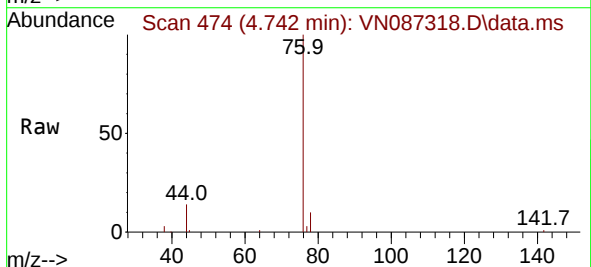
Acq: 10 Jul 2025 11:53

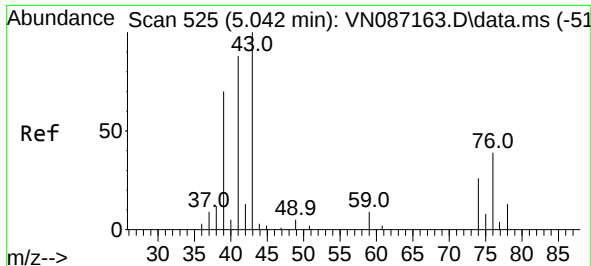
Tgt Ion: 76 Resp: 102627

Ion Ratio Lower Upper

76 100

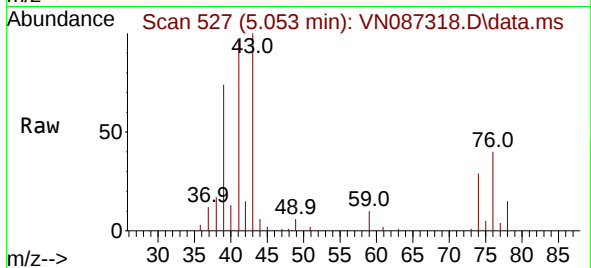
78 9.9 7.2 10.8





#17
 Allyl chloride
 Concen: 11.359 ug/l
 RT: 5.053 min Scan# 51
 Delta R.T. 0.012 min
 Lab File: VN087318.D
 Acq: 10 Jul 2025 11:53

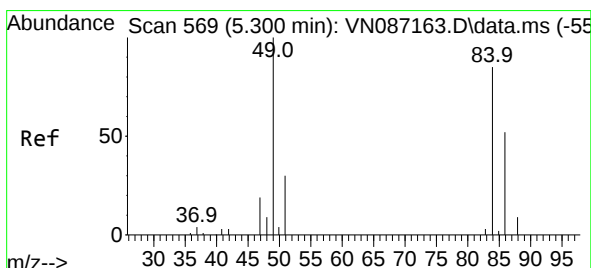
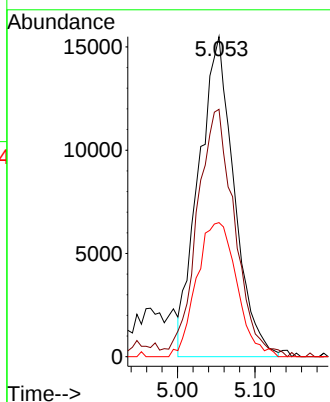
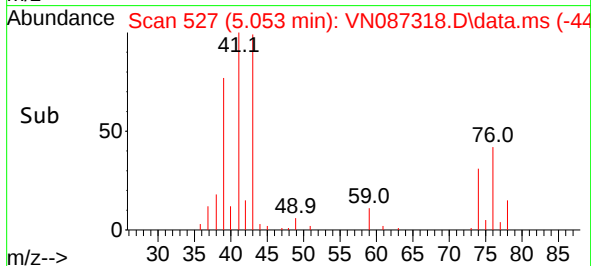
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0710WBSD01



Tgt Ion: 41 Resp: 4934
 Ion Ratio Lower Upper
 41 100
 39 76.1 36.0 108.0
 76 42.5 19.5 58.5

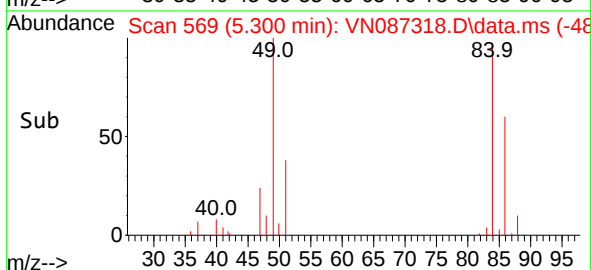
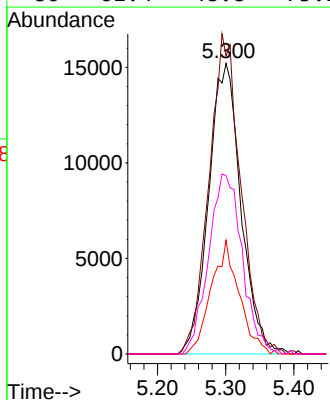
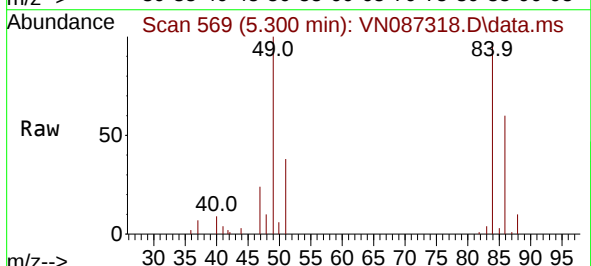
Manual Integrations
 APPROVED

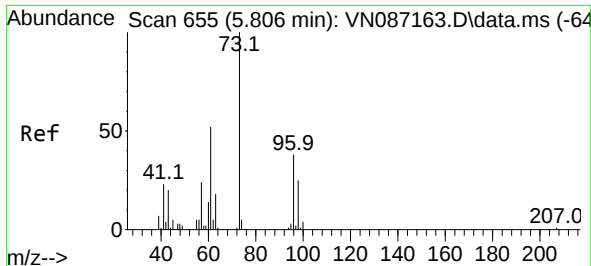
Reviewed By :John Carlone 07/11/2025
 Supervised By :Mahesh Dadoda 07/14/2025



#18
 Methylene Chloride
 Concen: 16.399 ug/l
 RT: 5.300 min Scan# 569
 Delta R.T. 0.000 min
 Lab File: VN087318.D
 Acq: 10 Jul 2025 11:53

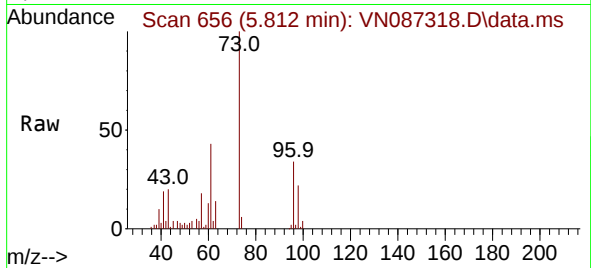
Tgt Ion: 84 Resp: 50036
 Ion Ratio Lower Upper
 84 100
 49 102.6 94.0 141.0
 51 39.1 28.3 42.5
 86 61.4 48.8 73.2





#19
trans-1,2-Dichloroethene
Concen: 15.314 ug/l
RT: 5.812 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN087318.D
Acq: 10 Jul 2025 11:53

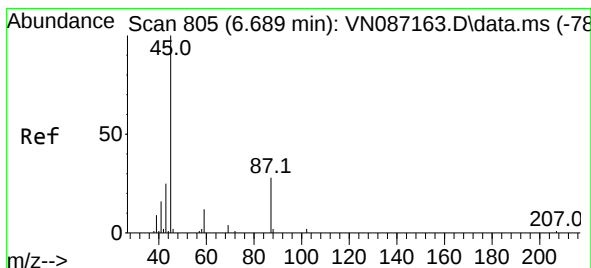
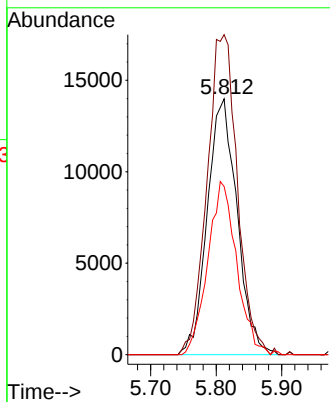
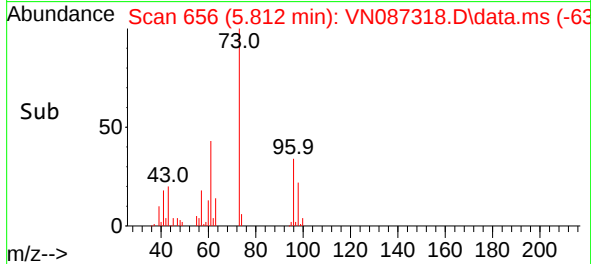
Instrument :
MSVOA_N
ClientSampleId :
VN0710WBSD01



Tgt Ion: 96 Resp: 44108
Ion Ratio Lower Upper
96 100
61 125.0 110.3 165.5
98 65.7 51.6 77.4

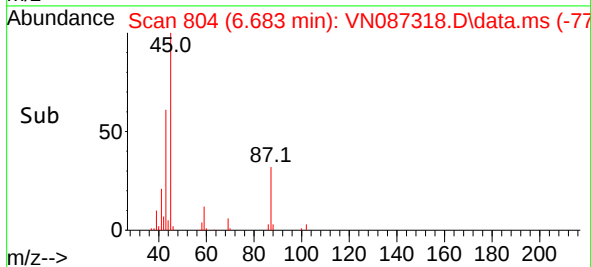
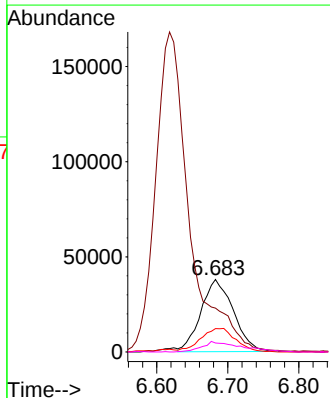
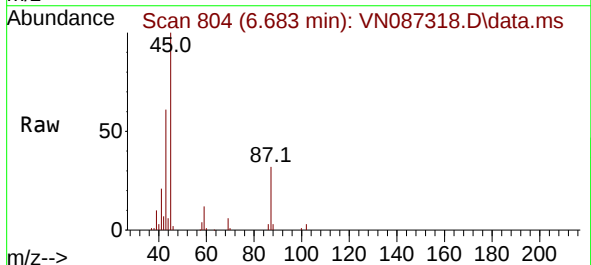
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025



#20
Diisopropyl ether
Concen: 13.030 ug/l
RT: 6.683 min Scan# 804
Delta R.T. -0.006 min
Lab File: VN087318.D
Acq: 10 Jul 2025 11:53

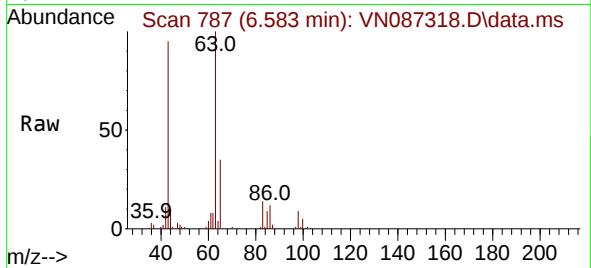
Tgt Ion: 45 Resp: 120093
Ion Ratio Lower Upper
45 100
43 58.8 45.3 67.9
87 32.4 22.6 33.8
59 11.9 9.8 14.8





#21
1,1-Dichloroethane
Concen: 14.518 ug/l
RT: 6.583 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN087318.D
Acq: 10 Jul 2025 11:53

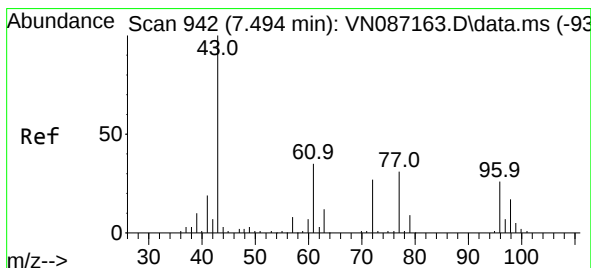
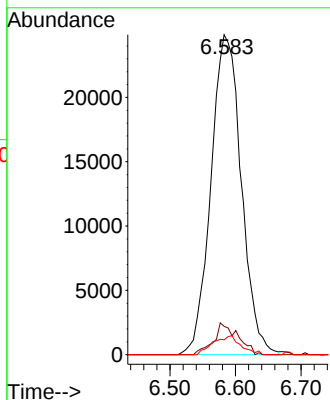
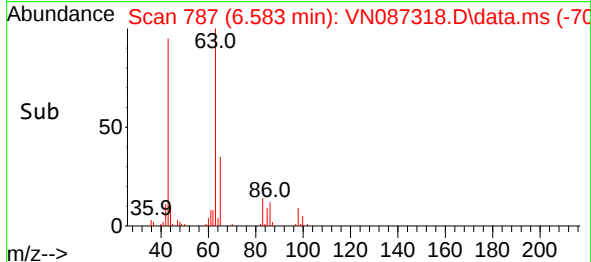
Instrument :
MSVOA_N
ClientSampleId :
VN0710WBSD01



Tgt Ion: 63 Resp: 7997
Ion Ratio Lower Upper
63 100
98 8.9 3.5 10.4
100 4.6 2.0 5.8

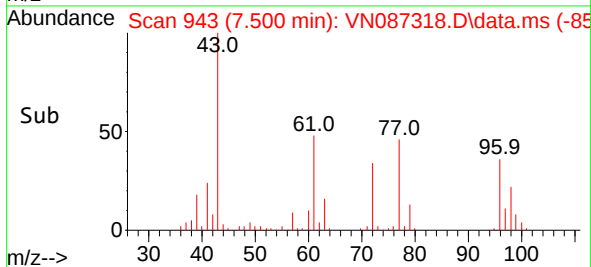
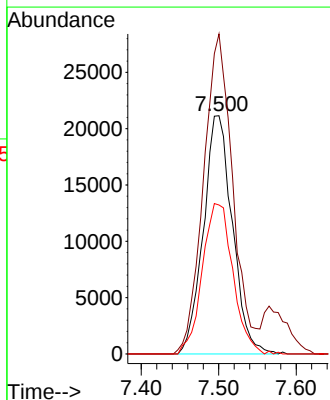
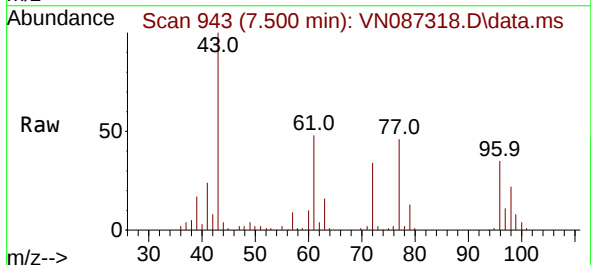
Manual Integrations
APPROVED

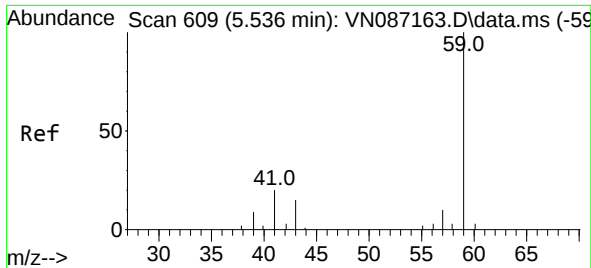
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025



#22
cis-1,2-Dichloroethene
Concen: 16.418 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.006 min
Lab File: VN087318.D
Acq: 10 Jul 2025 11:53

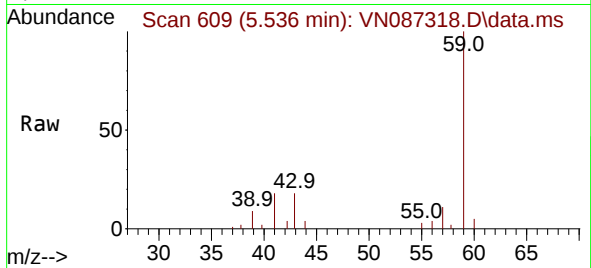
Tgt Ion: 96 Resp: 55036
Ion Ratio Lower Upper
96 100
61 136.1 119.2 178.8
98 66.3 50.6 75.8





#23
tert-Butyl Alcohol
Concen: 71.282 ug/l
RT: 5.536 min Scan# 609
Delta R.T. 0.000 min
Lab File: VN087318.D
Acq: 10 Jul 2025 11:53

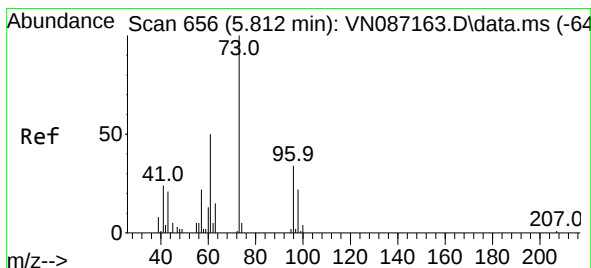
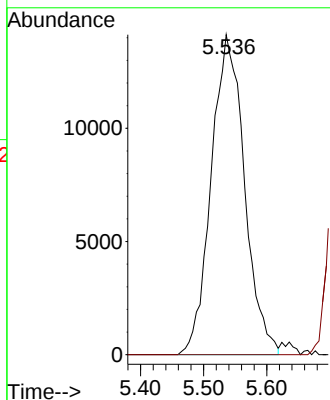
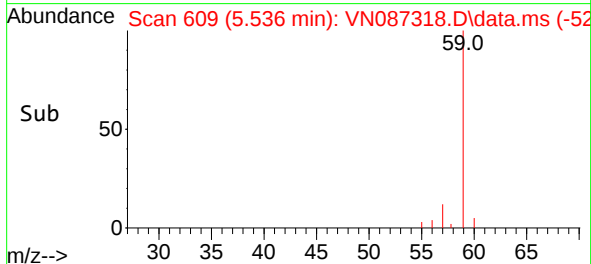
Instrument :
MSVOA_N
ClientSampleId :
VN0710WBSD01



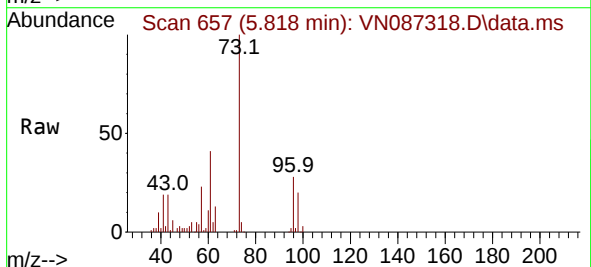
Tgt Ion: 59 Resp: 5165
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

Manual Integrations
APPROVED

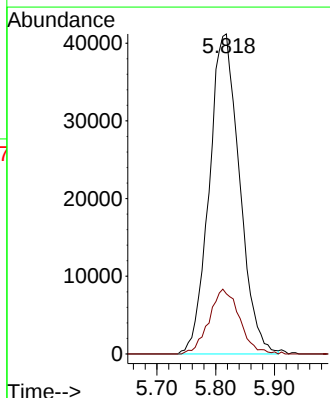
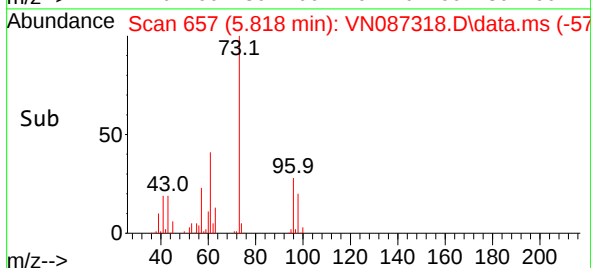
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

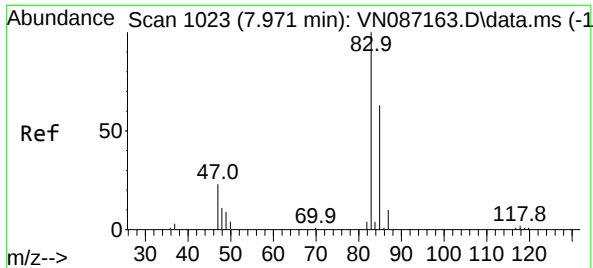


#24
Methyl tert-Butyl Ether
Concen: 15.988 ug/l
RT: 5.818 min Scan# 657
Delta R.T. 0.006 min
Lab File: VN087318.D
Acq: 10 Jul 2025 11:53



Tgt Ion: 73 Resp: 147683
Ion Ratio Lower Upper
73 100
43 19.9 16.4 24.6





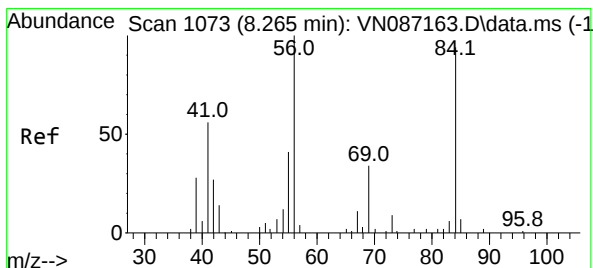
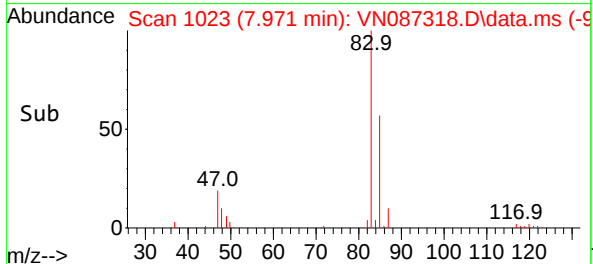
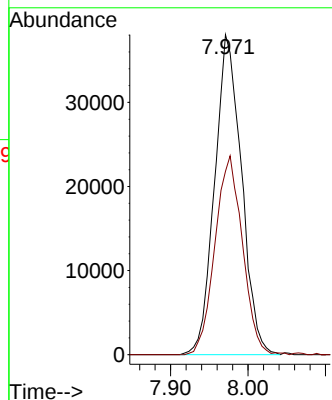
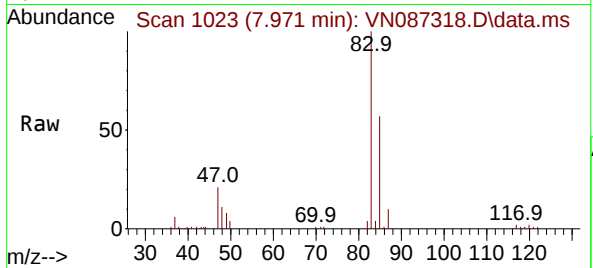
#25
Chloroform
Concen: 17.363 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. 0.000 min
Lab File: VN087318.D
Acq: 10 Jul 2025 11:53

Instrument :
MSVOA_N
ClientSampleId :
VN0710WBSD01

Tgt Ion: 83 Resp: 9162
Ion Ratio Lower Upper
83 100
85 57.3 50.7 76.1

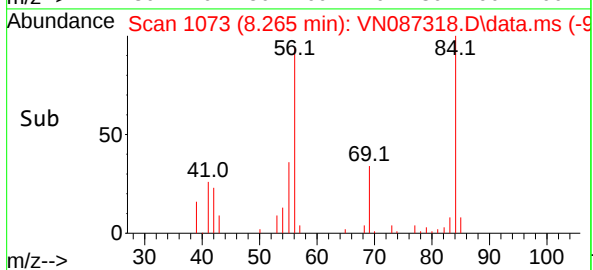
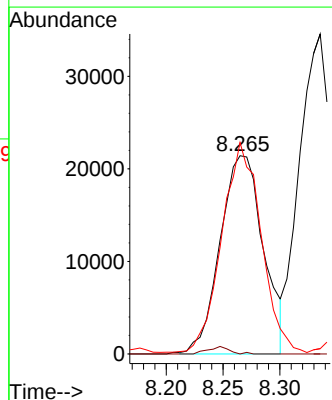
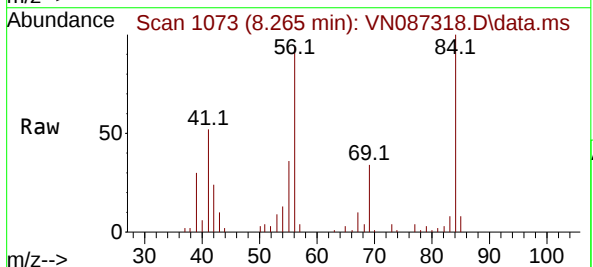
Manual Integrations
APPROVED

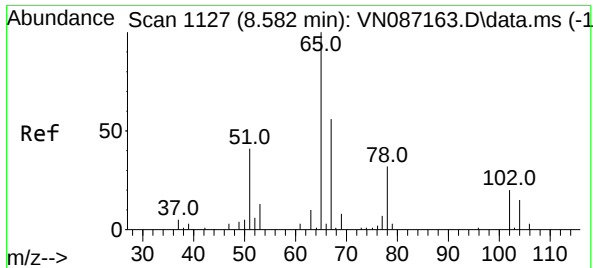
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025



#26
Cyclohexane
Concen: 12.395 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. 0.000 min
Lab File: VN087318.D
Acq: 10 Jul 2025 11:53

Tgt Ion: 56 Resp: 56751
Ion Ratio Lower Upper
56 100
89 0.1 6.9 10.3#
84 98.2 69.1 103.7





#27
1,2-Dichloroethane-d4
Concen: 27.296 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN087318.D
Acq: 10 Jul 2025 11:53

Instrument :

MSVOA_N

ClientSampleId :

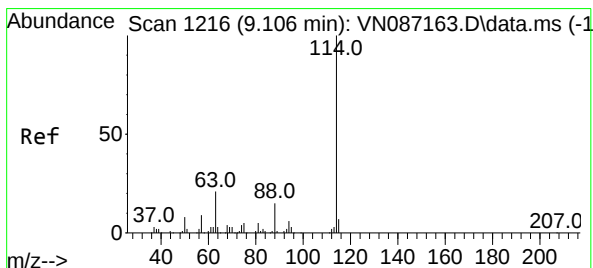
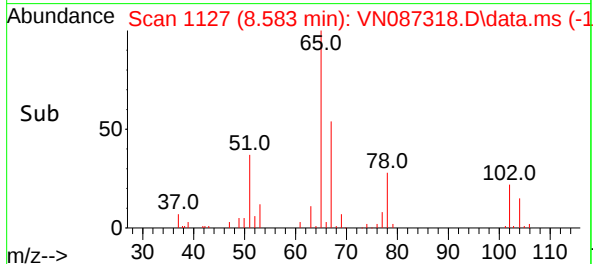
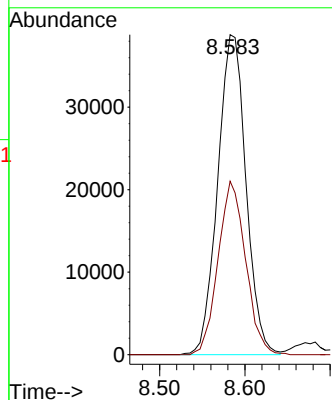
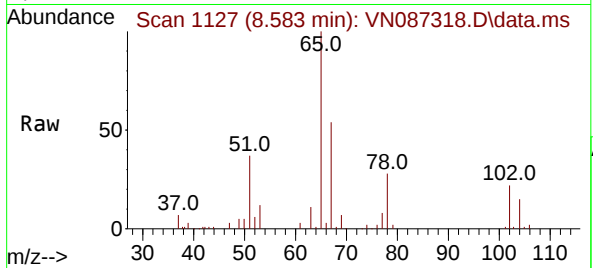
VN0710WBSD01

Tgt Ion: 65 Resp: 8941
Ion Ratio Lower Upper
65 100
67 52.7 41.9 62.9

Manual Integrations

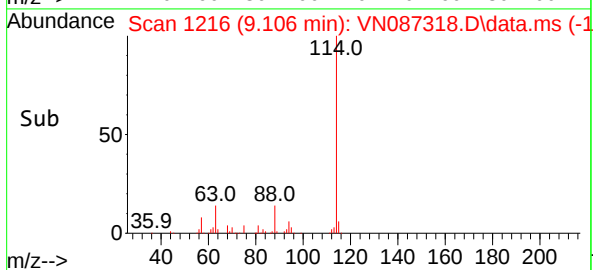
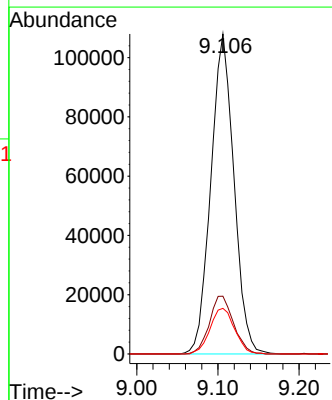
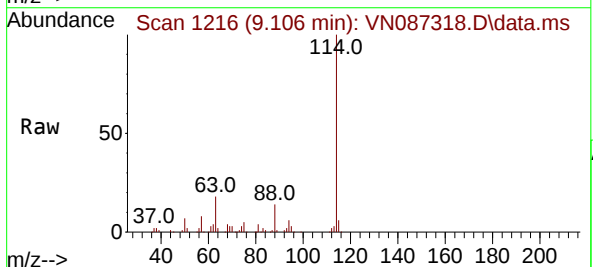
APPROVED

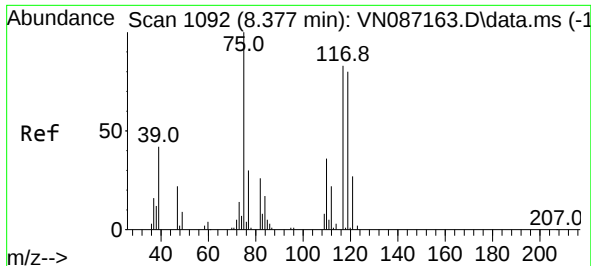
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.000 min
Lab File: VN087318.D
Acq: 10 Jul 2025 11:53

Tgt Ion:114 Resp: 213327
Ion Ratio Lower Upper
114 100
63 18.9 17.0 25.4
88 15.2 12.6 19.0





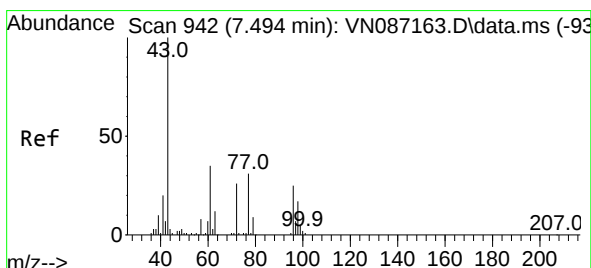
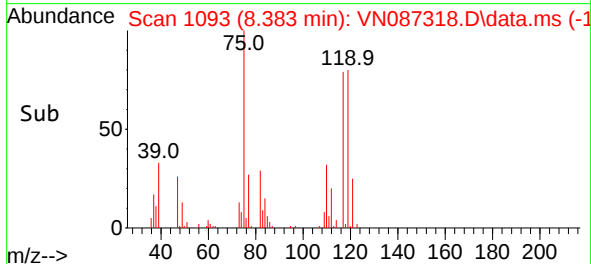
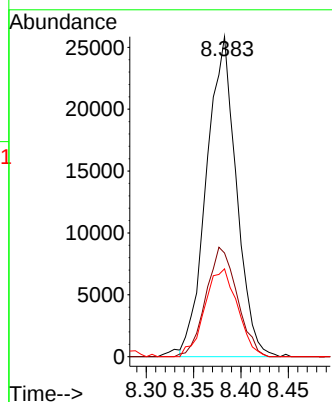
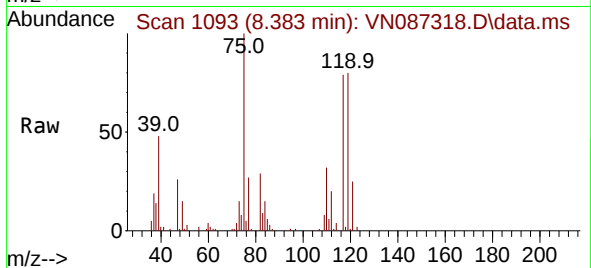
#29
1,1-Dichloropropene
Concen: 17.055 ug/l
RT: 8.383 min Scan# 1093
Delta R.T. 0.006 min
Lab File: VN087318.D
Acq: 10 Jul 2025 11:53

Instrument :
MSVOA_N
ClientSampleId :
VN0710WBSD01

Tgt Ion: 75	Resp: 56700
Ion Ratio	Lower Upper
75 100	
110 35.7	0.0 69.2
77 30.0	0.0 61.8

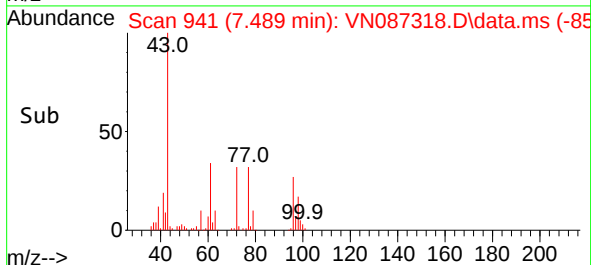
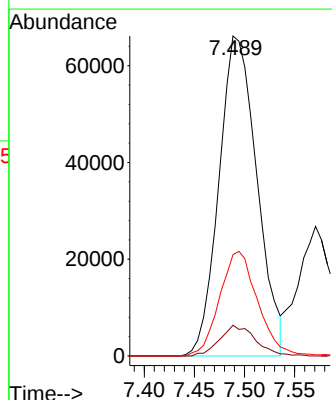
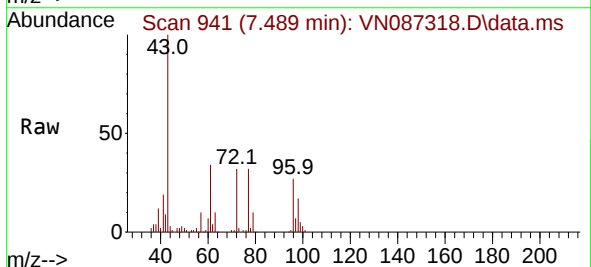
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025



#30
2-Butanone
Concen: 77.914 ug/l
RT: 7.489 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN087318.D
Acq: 10 Jul 2025 11:53

Tgt Ion: 43	Resp: 174754
Ion Ratio	Lower Upper
43 100	
57 9.0	6.3 9.5
72 32.7	21.8 32.6





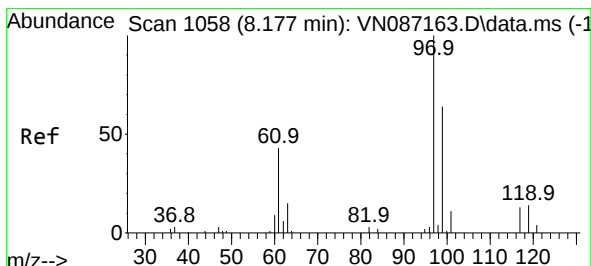
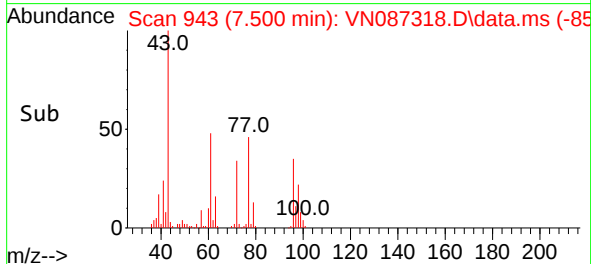
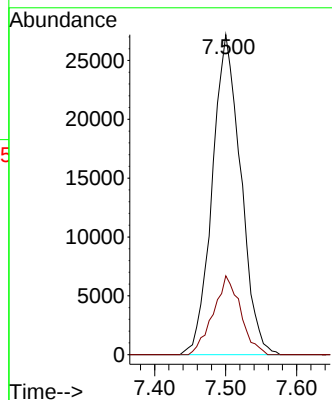
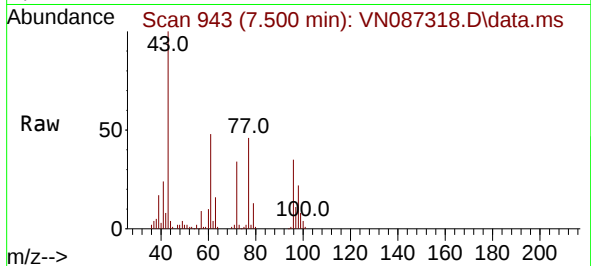
#31
2,2-Dichloropropane
Concen: 18.852 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN087318.D
Acq: 10 Jul 2025 11:53

Instrument :
MSVOA_N
ClientSampleId :
VN0710WBSD01

Tgt Ion: 77 Resp: 7566
Ion Ratio Lower Upper
77 100
97 23.7 18.4 27.6

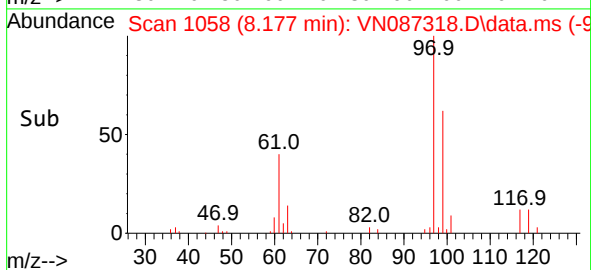
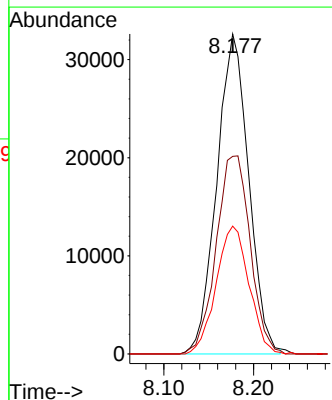
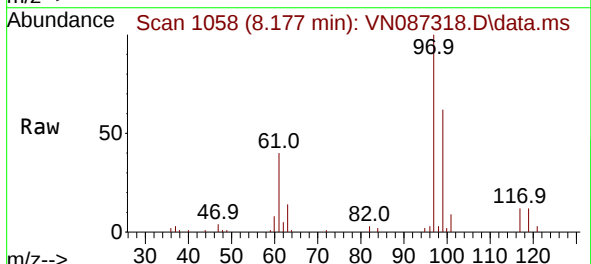
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025



#32
1,1,1-Trichloroethane
Concen: 20.731 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VN087318.D
Acq: 10 Jul 2025 11:53

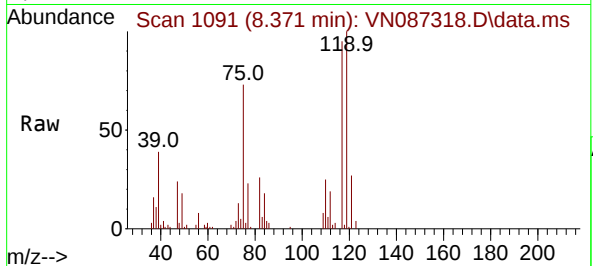
Tgt Ion: 97 Resp: 80528
Ion Ratio Lower Upper
97 100
99 66.1 50.8 76.2
61 41.1 36.1 54.1





#33
Carbon Tetrachloride
Concen: 20.822 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN087318.D
Acq: 10 Jul 2025 11:53

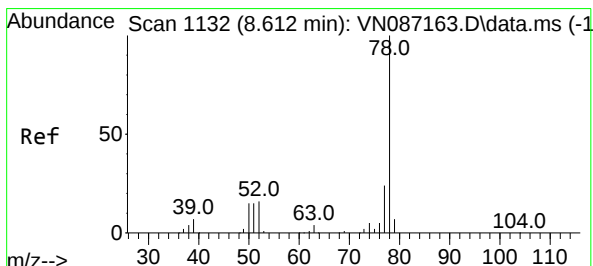
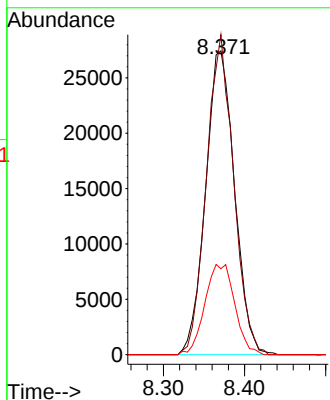
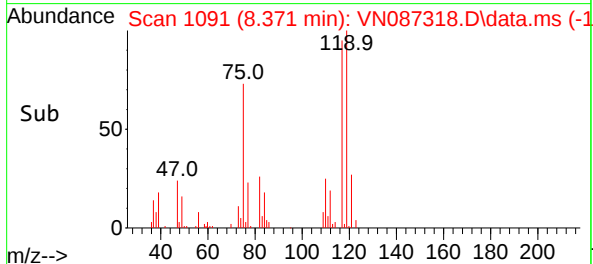
Instrument :
MSVOA_N
ClientSampleId :
VN0710WBSD01



Tgt Ion: 117 Resp: 6806
Ion Ratio Lower Upper
117 100
119 105.3 75.8 113.6
121 28.3 26.2 39.4

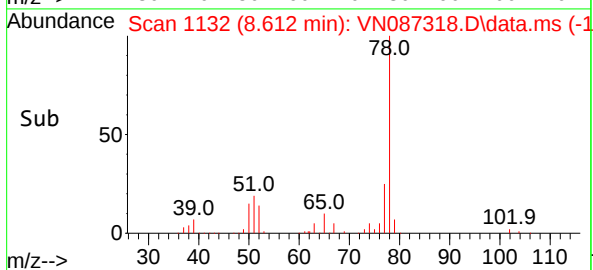
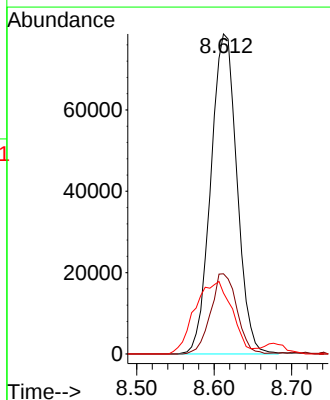
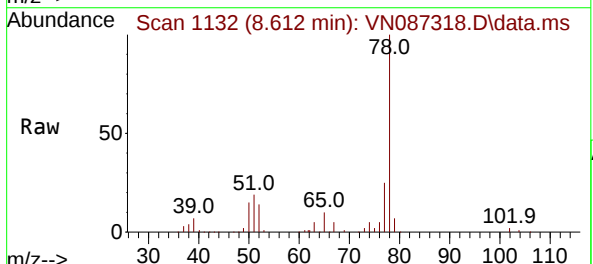
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025



#34
Benzene
Concen: 17.496 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VN087318.D
Acq: 10 Jul 2025 11:53

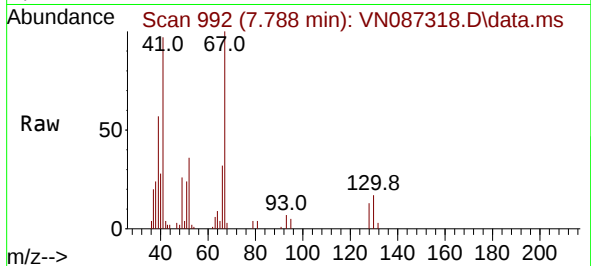
Tgt Ion: 78 Resp: 184295
Ion Ratio Lower Upper
78 100
77 25.0 19.5 29.3
51 17.1 14.8 22.2





#35
Methacrylonitrile
Concen: 14.367 ug/l
RT: 7.788 min Scan# 992
Delta R.T. 0.000 min
Lab File: VN087318.D
Acq: 10 Jul 2025 11:53

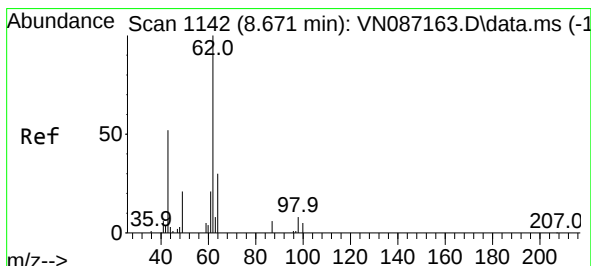
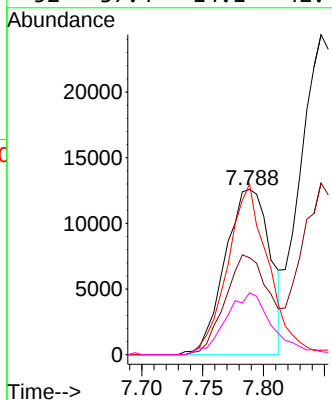
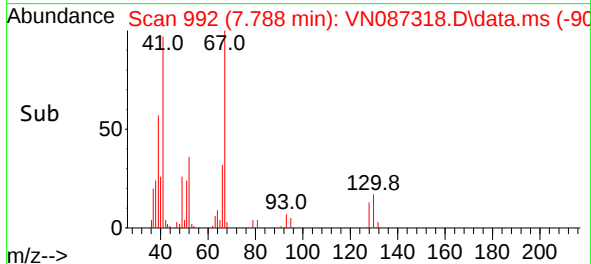
Instrument :
MSVOA_N
ClientSampleId :
VN0710WBSD01



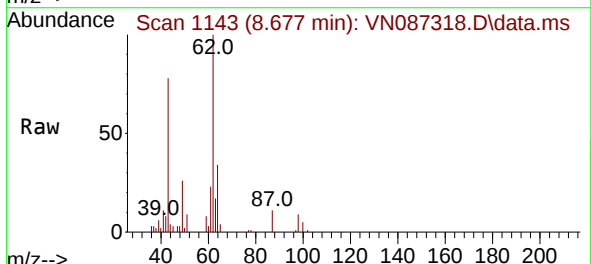
Tgt Ion:	41	Resp:	32474
Ion Ratio	100	Lower	Upper
41	100		
39	58.6	24.4	73.2
67	103.3	33.3	99.8
52	37.4	14.1	42.4

Manual Integrations
APPROVED

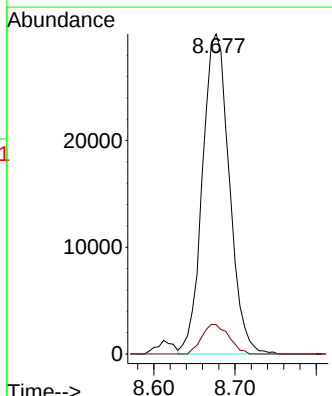
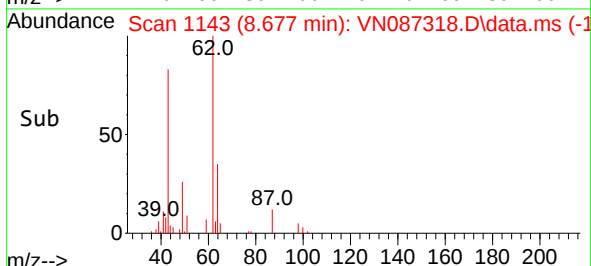
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

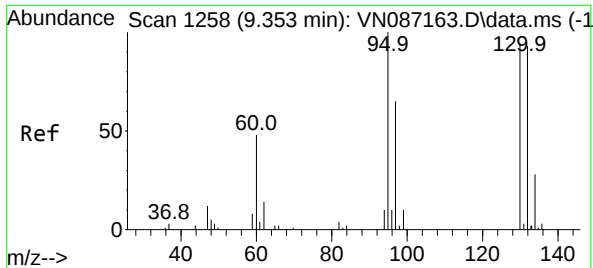


#36
1,2-Dichloroethane
Concen: 20.248 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN087318.D
Acq: 10 Jul 2025 11:53



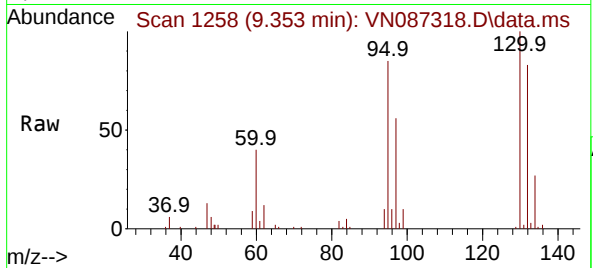
Tgt Ion:	62	Resp:	68912
Ion Ratio	100	Lower	Upper
62	100		
98	9.3	7.2	10.8





#37
Trichloroethene
Concen: 19.224 ug/l
RT: 9.353 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087318.D
Acq: 10 Jul 2025 11:53

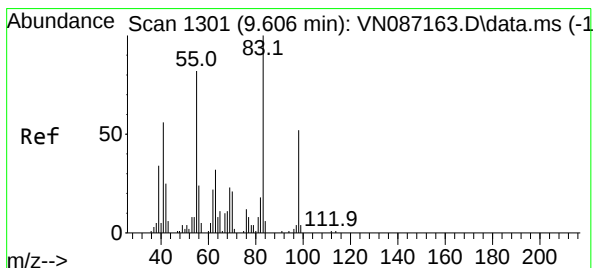
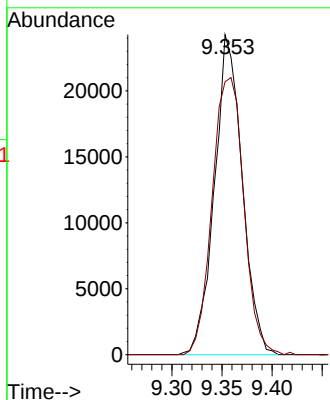
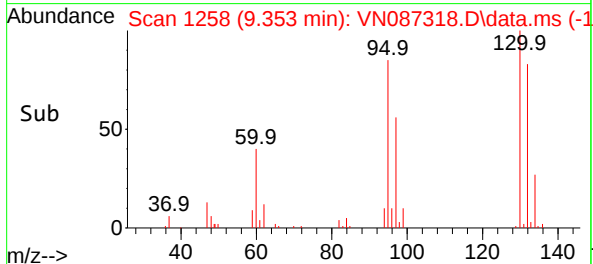
Instrument :
MSVOA_N
ClientSampleId :
VN0710WBSD01



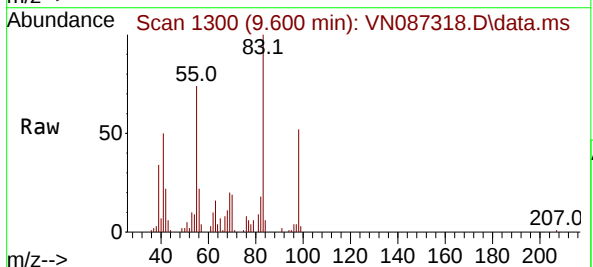
Tgt Ion:130 Resp: 4670
Ion Ratio Lower Upper
130 100
95 85.3 85.3 127.9

Manual Integrations
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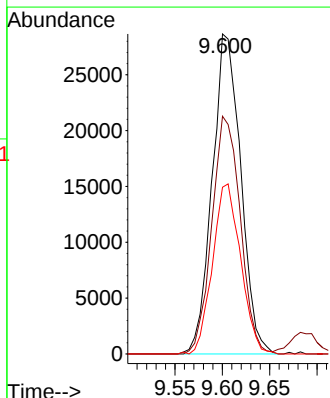
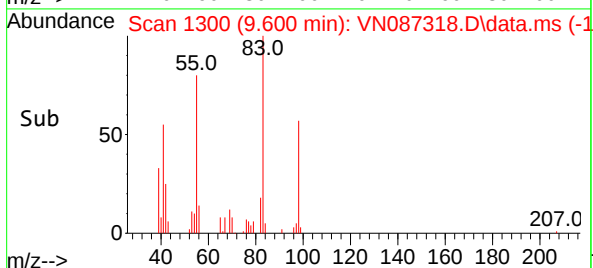
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

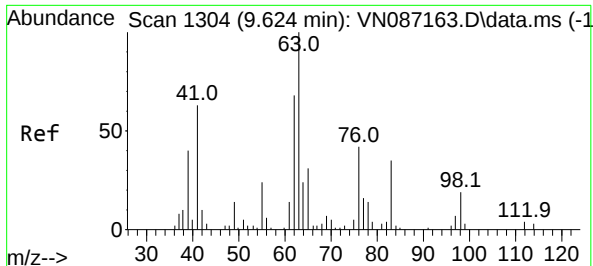


#38
Methylcyclohexane
Concen: 15.748 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. -0.006 min
Lab File: VN087318.D
Acq: 10 Jul 2025 11:53



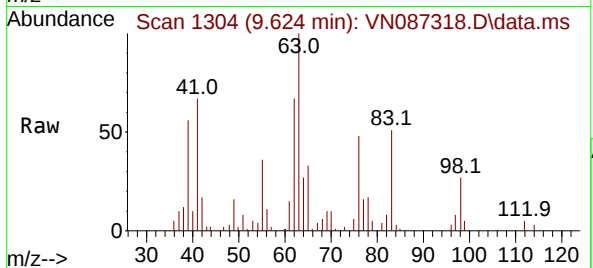
Tgt Ion: 83 Resp: 60079
Ion Ratio Lower Upper
83 100
55 74.0 40.1 120.2
98 52.2 24.4 73.2





#39
1,2-Dichloropropane
Concen: 17.329 ug/l
RT: 9.624 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087318.D
Acq: 10 Jul 2025 11:53

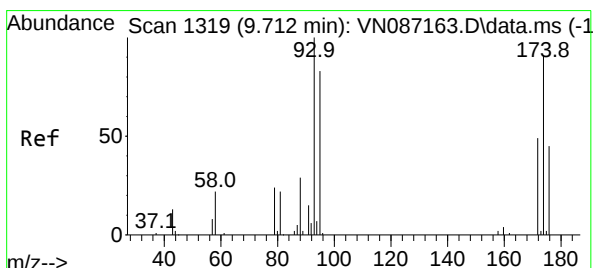
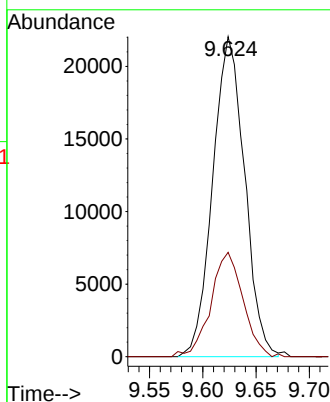
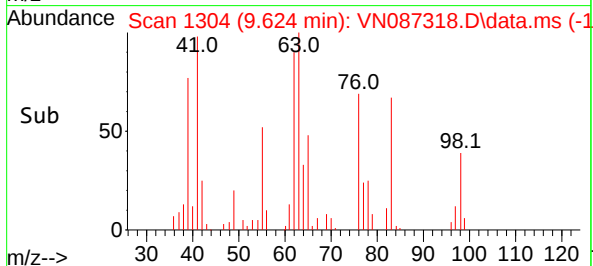
Instrument :
MSVOA_N
ClientSampleId :
VN0710WBSD01



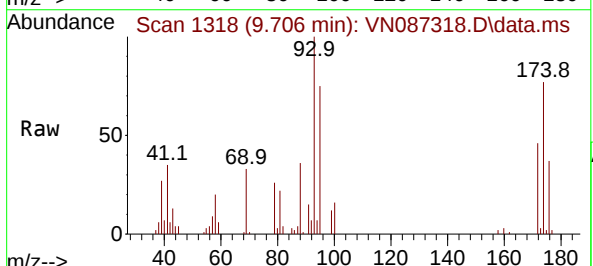
Tgt Ion: 63 Resp: 4581
Ion Ratio Lower Upper
63 100
65 31.7 24.6 36.8

Manual Integrations
APPROVED

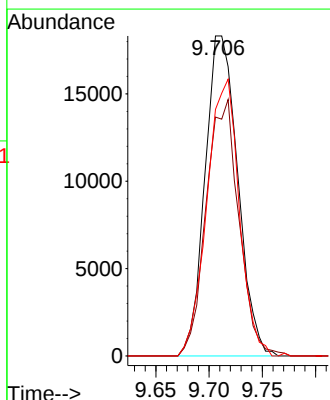
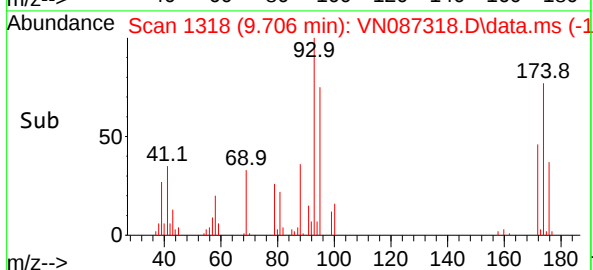
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

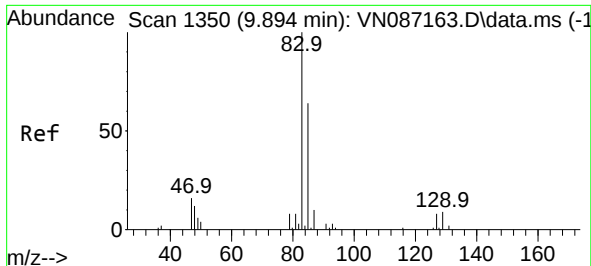


#40
Dibromomethane
Concen: 21.819 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. -0.006 min
Lab File: VN087318.D
Acq: 10 Jul 2025 11:53



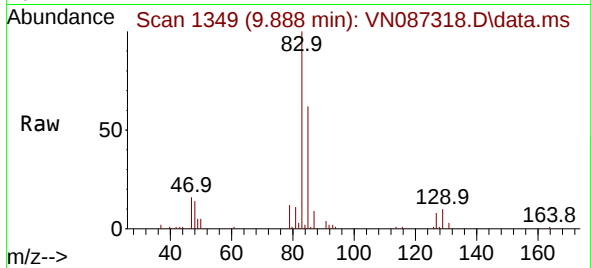
Tgt Ion: 93 Resp: 39225
Ion Ratio Lower Upper
93 100
95 80.0 0.0 170.8
174 85.0 0.0 176.6





#41
Bromodichloromethane
Concen: 19.710 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.006 min
Lab File: VN087318.D
Acq: 10 Jul 2025 11:53

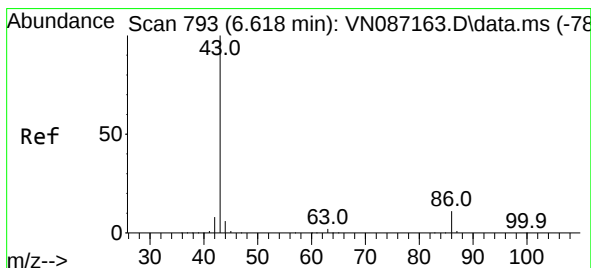
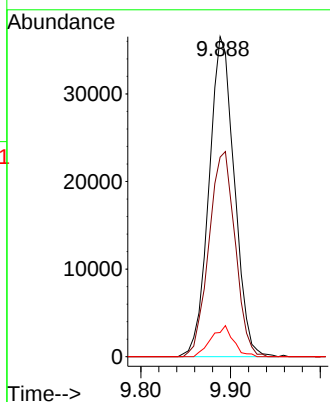
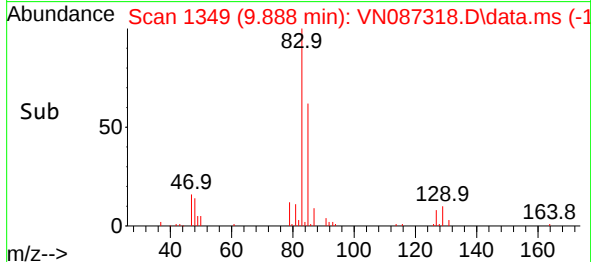
Instrument :
MSVOA_N
ClientSampleId :
VN0710WBSD01



Tgt Ion: 83 Resp: 7152
Ion Ratio Lower Upper
83 100
85 62.4 51.4 77.2
127 7.5 6.1 9.1

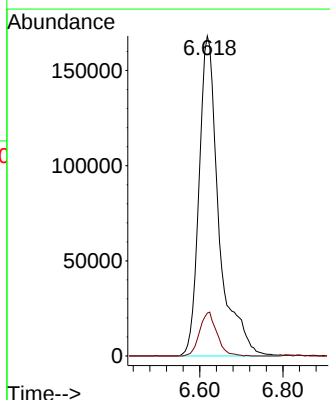
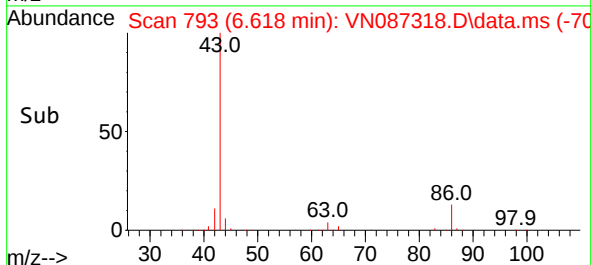
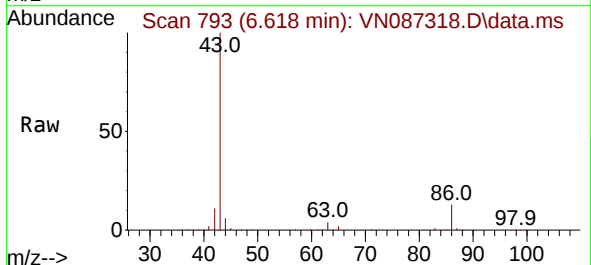
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025



#42
Vinyl Acetate
Concen: 76.469 ug/l
RT: 6.618 min Scan# 793
Delta R.T. 0.000 min
Lab File: VN087318.D
Acq: 10 Jul 2025 11:53

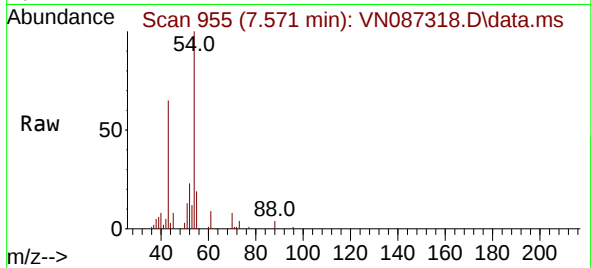
Tgt Ion: 43 Resp: 557843
Ion Ratio Lower Upper
43 100
86 11.9 7.7 11.5#





#43
Ethyl Acetate
Concen: 17.283 ug/l
RT: 7.571 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN087318.D
Acq: 10 Jul 2025 11:53

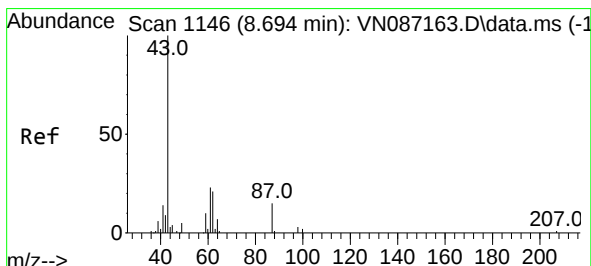
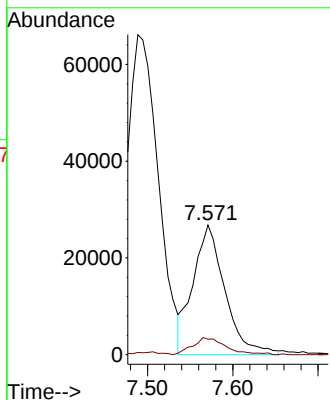
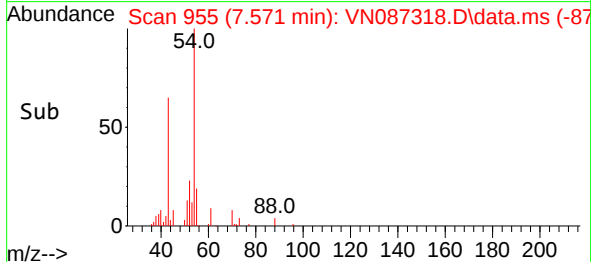
Instrument :
MSVOA_N
ClientSampleId :
VN0710WBSD01



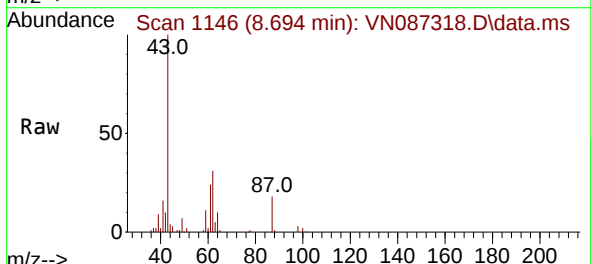
Tgt Ion: 43 Resp: 69979
Ion Ratio Lower Upper
43 100
45 13.4 11.5 17.3

Manual Integrations
APPROVED

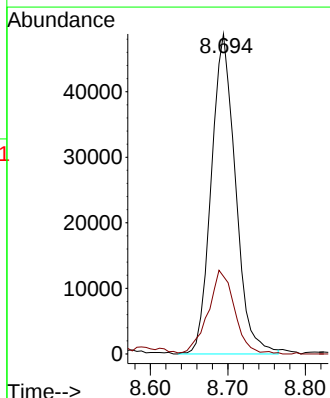
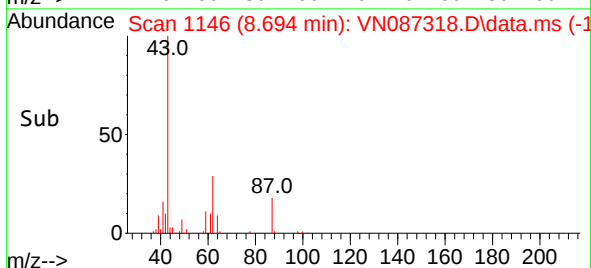
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

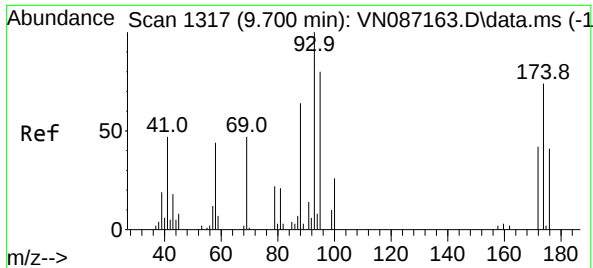


#44
Isopropyl Acetate
Concen: 16.015 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN087318.D
Acq: 10 Jul 2025 11:53



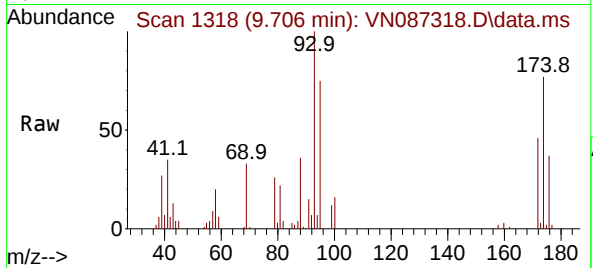
Tgt Ion: 43 Resp: 105647
Ion Ratio Lower Upper
43 100
61 28.5 20.5 30.7





#45
1,4-Dioxane
Concen: 364.796 ug/l
RT: 9.706 min Scan# 1317
Delta R.T. 0.006 min
Lab File: VN087318.D
Acq: 10 Jul 2025 11:53

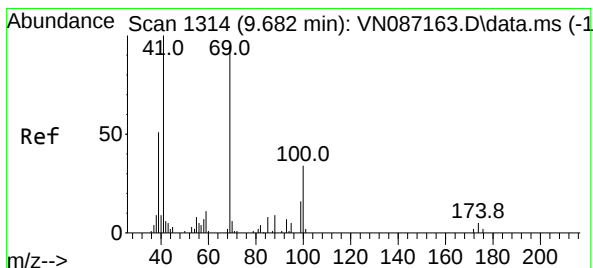
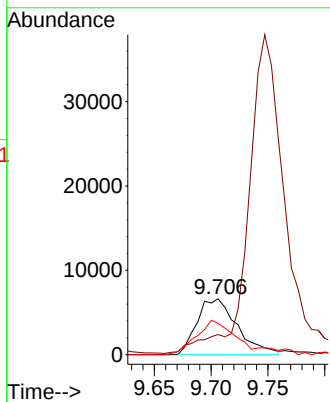
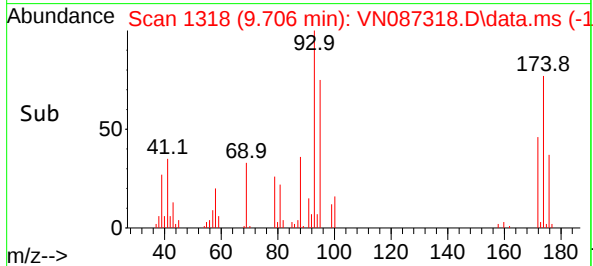
Instrument :
MSVOA_N
ClientSampleId :
VN0710WBSD01



Tgt Ion: 88 Resp: 16279
Ion Ratio Lower Upper
88 100
43 25.6 21.3 31.9
58 56.9 61.7 92.5

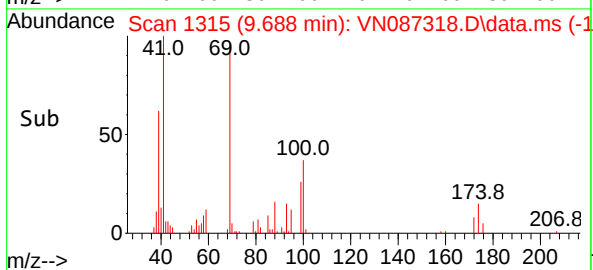
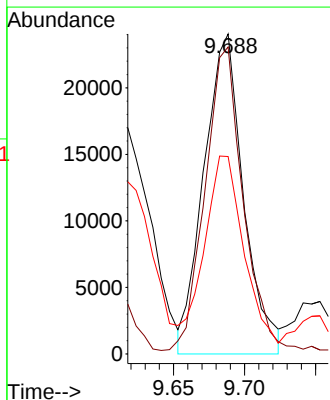
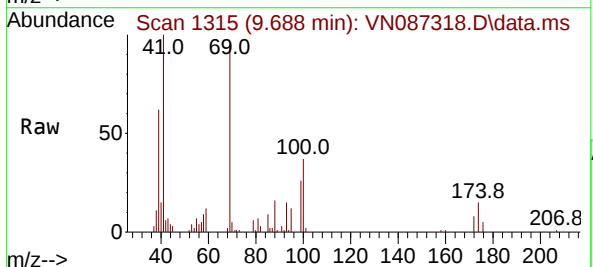
Manual Integrations
APPROVED

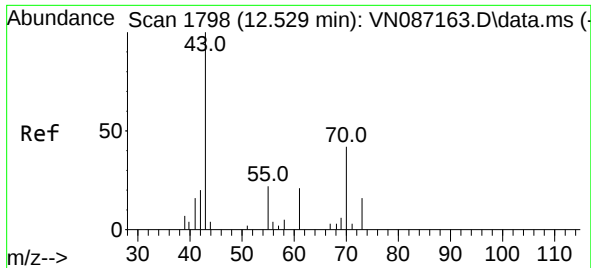
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025



#46
Methyl methacrylate
Concen: 15.187 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.006 min
Lab File: VN087318.D
Acq: 10 Jul 2025 11:53

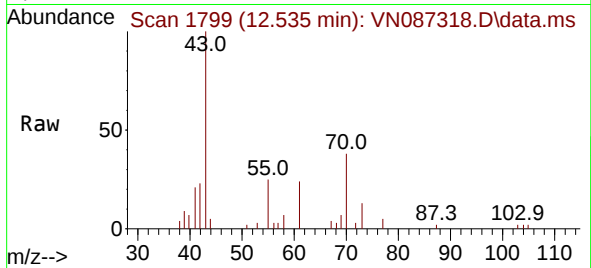
Tgt Ion: 41 Resp: 46575
Ion Ratio Lower Upper
41 100
69 99.5 45.6 136.9
39 63.0 26.2 78.5





#47
n-amy1 Acetate
Concen: 14.731 ug/l m
RT: 12.535 min Scan# 1799
Delta R.T. 0.006 min
Lab File: VN087318.D
Acq: 10 Jul 2025 11:53

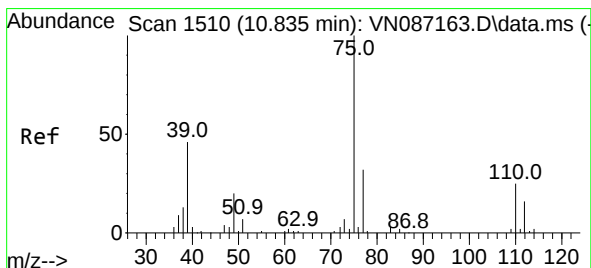
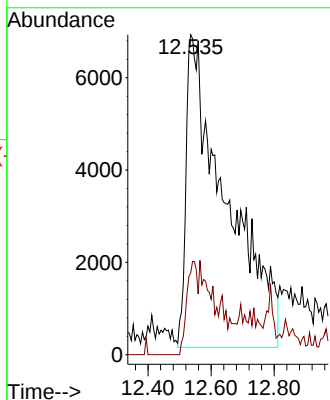
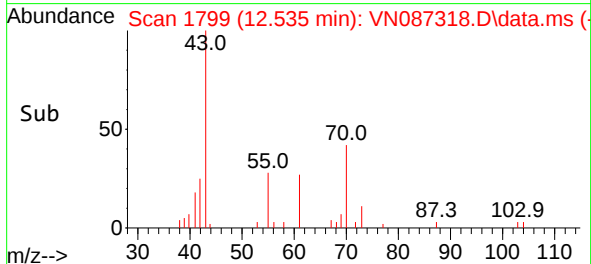
Instrument :
MSVOA_N
ClientSampleId :
VN0710WBSD01



Tgt Ion: 43 Resp: 59414
Ion Ratio Lower Upper
43 100
55 8.0 0.0 0.0

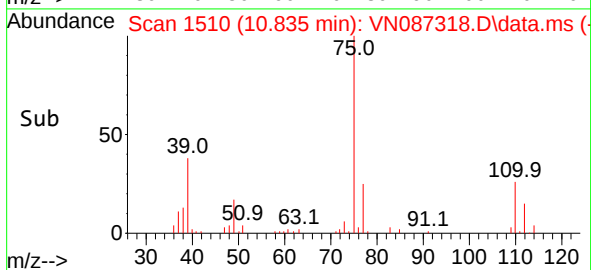
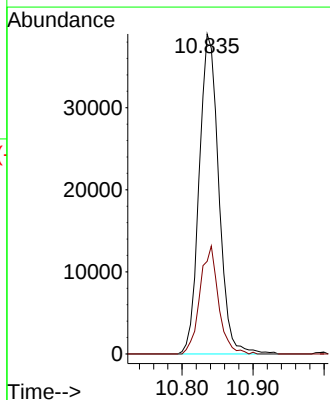
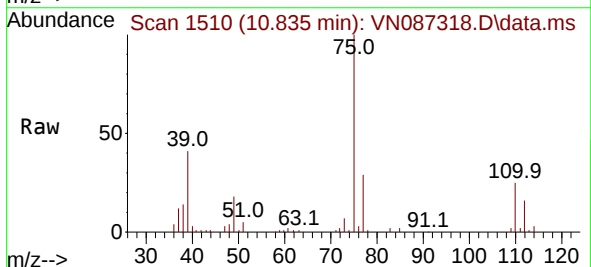
Manual Integrations
APPROVED

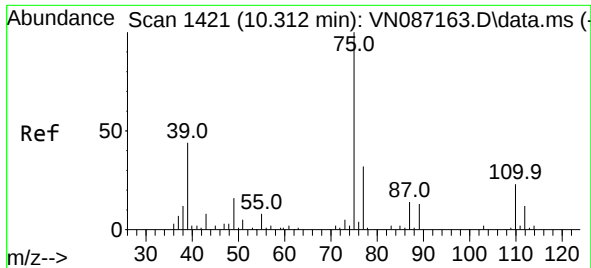
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025



#48
t-1,3-Dichloropropene
Concen: 18.477 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN087318.D
Acq: 10 Jul 2025 11:53

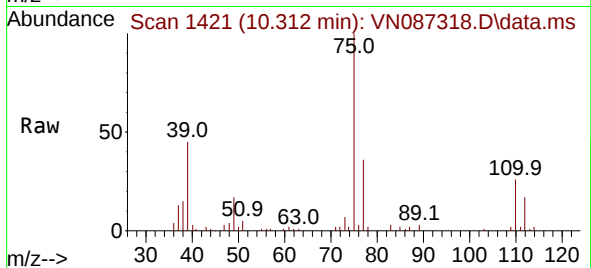
Tgt Ion: 75 Resp: 74747
Ion Ratio Lower Upper
75 100
77 28.9 25.4 38.0





#49
 cis-1,3-Dichloropropene
 Concen: 17.637 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.000 min
 Lab File: VN087318.D
 Acq: 10 Jul 2025 11:53

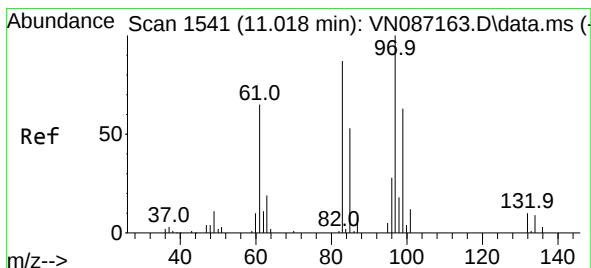
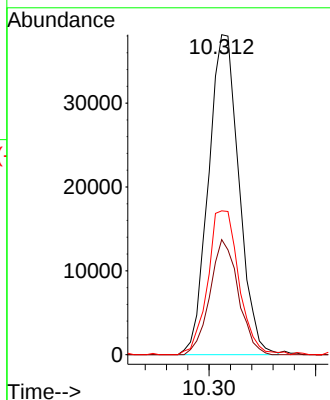
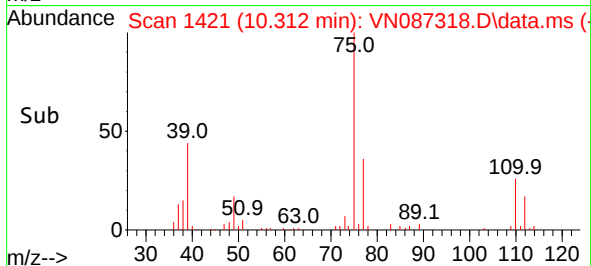
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0710WBSD01



Tgt Ion: 75 Resp: 75850
 Ion Ratio Lower Upper
 75 100
 77 35.9 25.4 38.2
 39 45.0 35.3 52.9

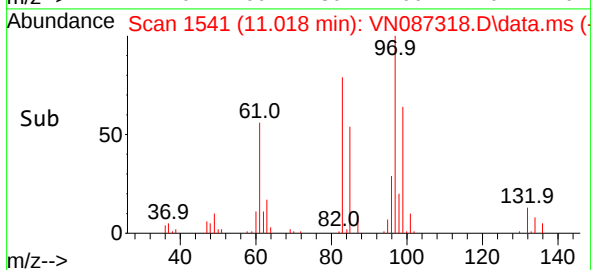
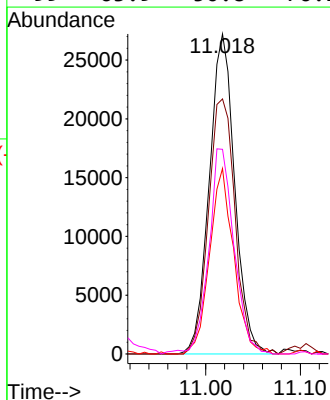
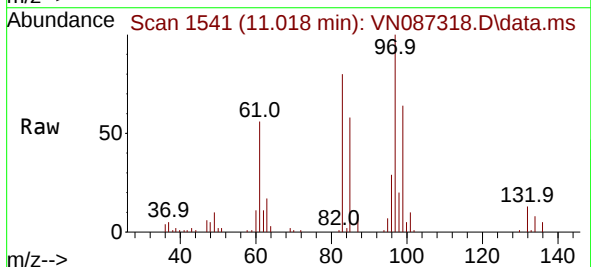
Manual Integrations
 APPROVED

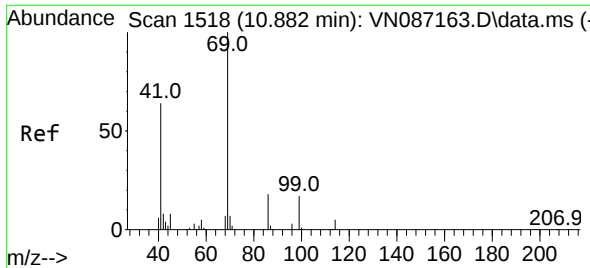
Reviewed By :John Carlone 07/11/2025
 Supervised By :Mahesh Dadoda 07/14/2025



#50
 1,1,2-Trichloroethane
 Concen: 19.947 ug/l
 RT: 11.018 min Scan# 1541
 Delta R.T. 0.000 min
 Lab File: VN087318.D
 Acq: 10 Jul 2025 11:53

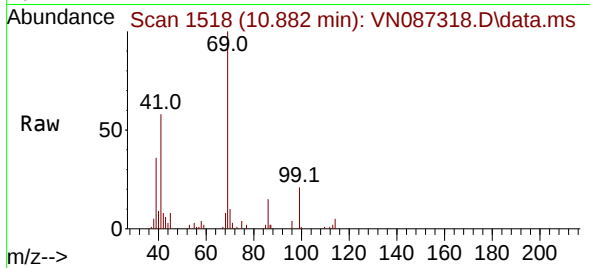
Tgt Ion: 97 Resp: 50939
 Ion Ratio Lower Upper
 97 100
 83 79.7 69.6 104.4
 85 57.9 42.0 63.0
 99 63.9 50.8 76.2





#51
Ethyl methacrylate
Concen: 15.620 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VN087318.D
Acq: 10 Jul 2025 11:53

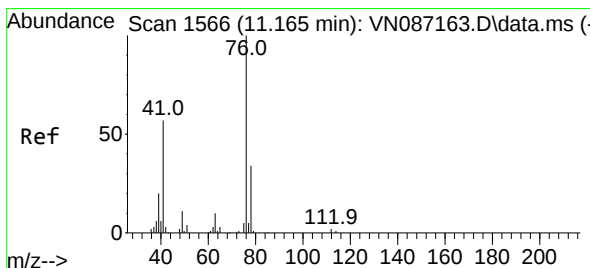
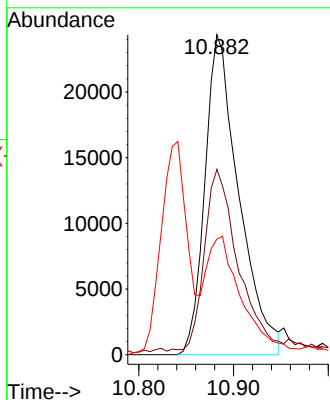
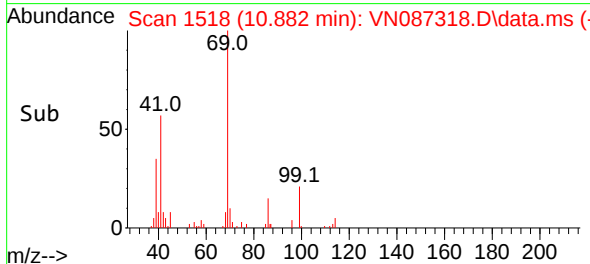
Instrument :
MSVOA_N
ClientSampleId :
VN0710WBSD01



Tgt Ion: 69 Resp: 6071
Ion Ratio Lower Upper
69 100
41 56.3 31.8 95.3
39 32.5 15.3 45.8

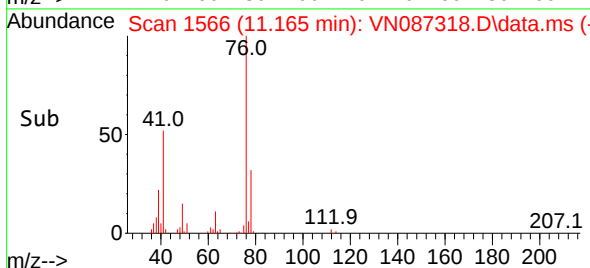
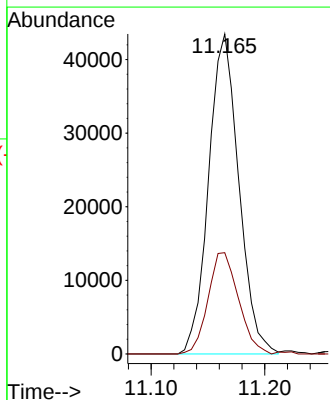
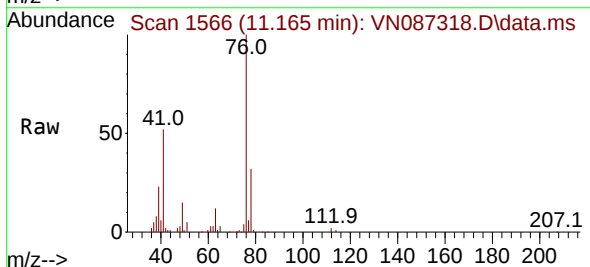
Manual Integrations
APPROVED

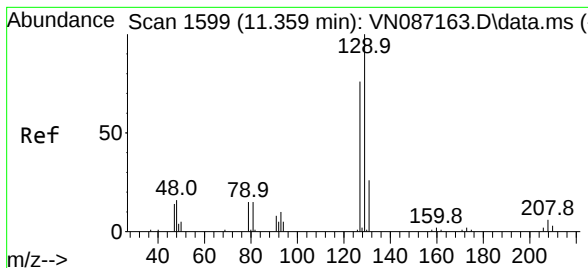
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025



#52
1,3-Dichloropropane
Concen: 18.306 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN087318.D
Acq: 10 Jul 2025 11:53

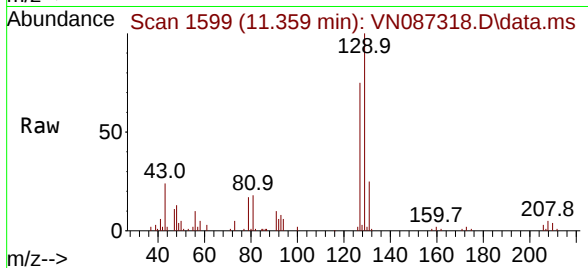
Tgt Ion: 76 Resp: 80260
Ion Ratio Lower Upper
76 100
78 31.9 0.0 63.0





#53
Dibromochloromethane
Concen: 21.674 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN087318.D
Acq: 10 Jul 2025 11:53

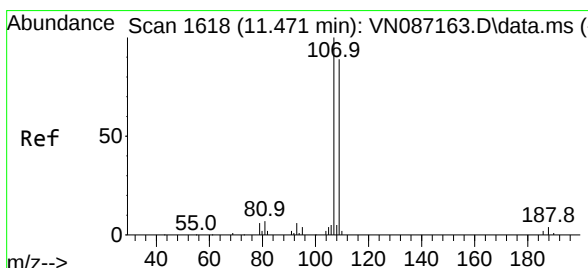
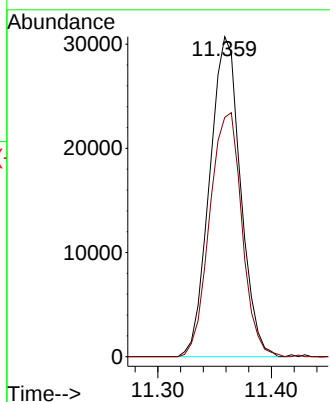
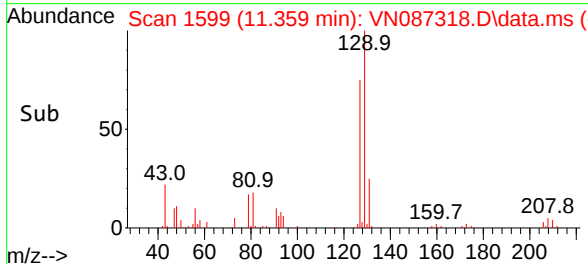
Instrument :
MSVOA_N
ClientSampleId :
VN0710WBSD01



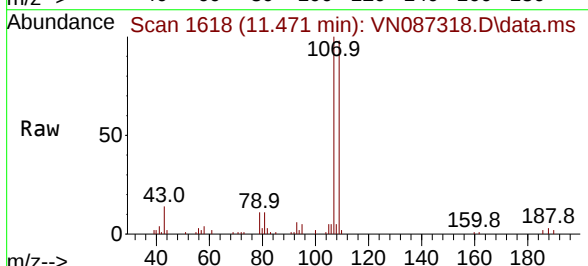
Tgt Ion:129 Resp: 5810
Ion Ratio Lower Upper
129 100
127 79.2 39.6 118.8

Manual Integrations
APPROVED

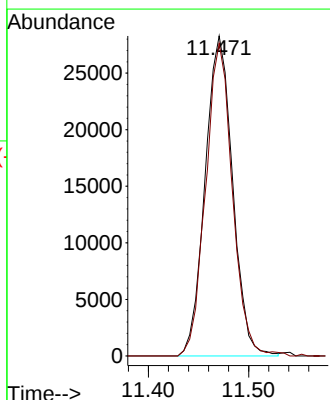
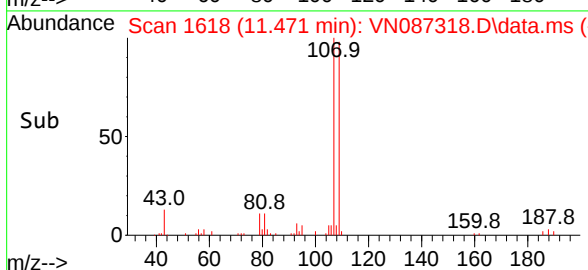
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

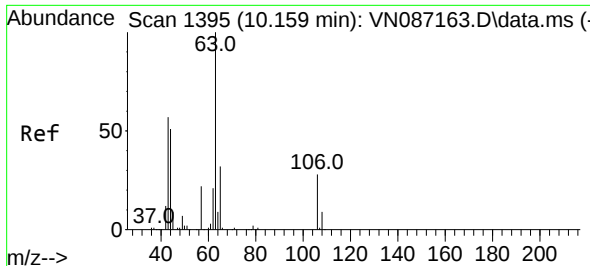


#54
1,2-Dibromoethane
Concen: 20.460 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN087318.D
Acq: 10 Jul 2025 11:53



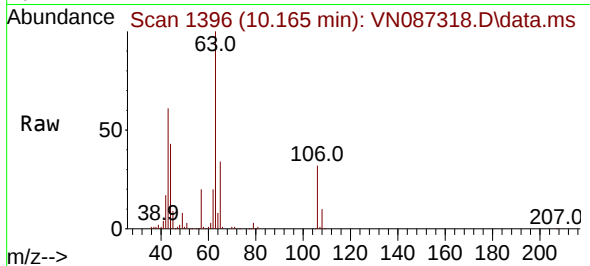
Tgt Ion:107 Resp: 53907
Ion Ratio Lower Upper
107 100
109 94.5 73.5 110.3





#55
2-Chloroethyl vinyl ether
Concen: 71.634 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.006 min
Lab File: VN087318.D
Acq: 10 Jul 2025 11:53

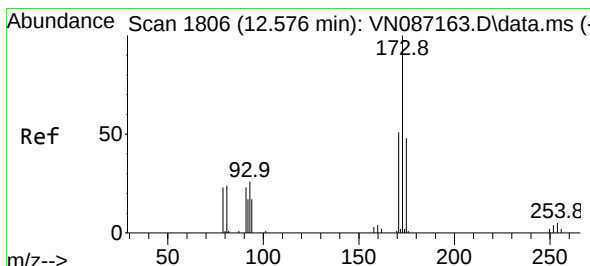
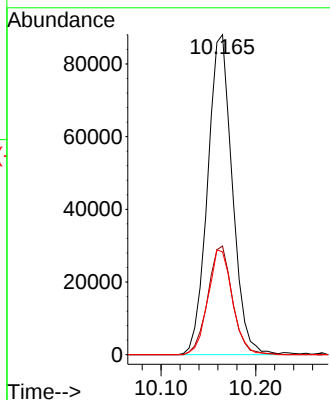
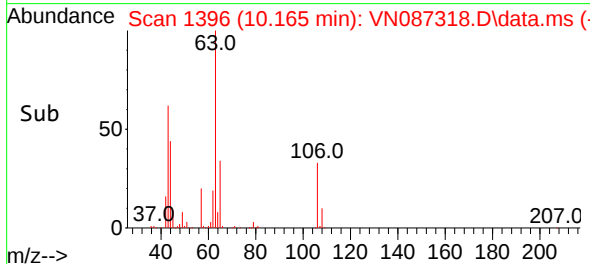
Instrument :
MSVOA_N
ClientSampleId :
VN0710WBSD01



Tgt Ion: 63 Resp: 159598
Ion Ratio Lower Upper
63 100
65 33.8 25.6 38.4
106 32.5 21.9 32.9

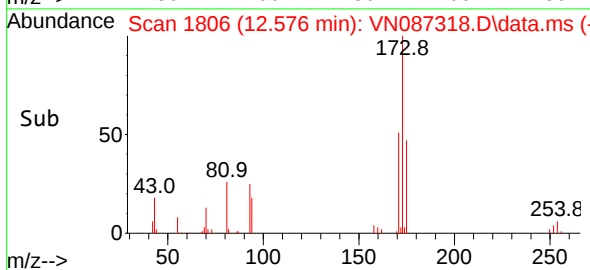
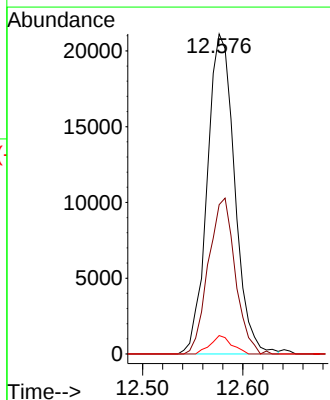
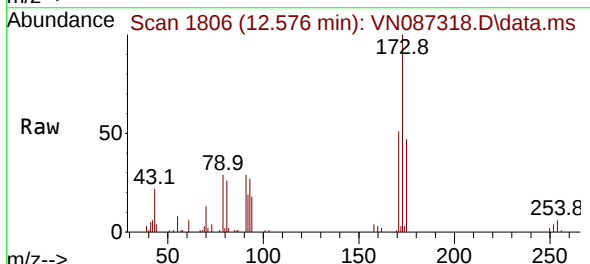
Manual Integrations
APPROVED

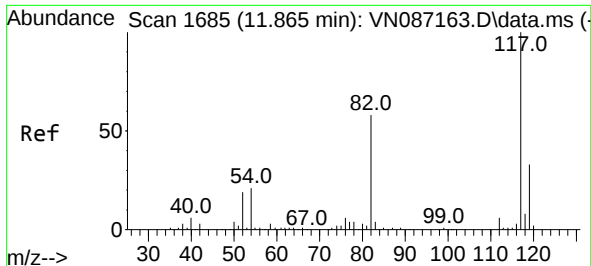
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025



#56
Bromoform
Concen: 21.784 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN087318.D
Acq: 10 Jul 2025 11:53

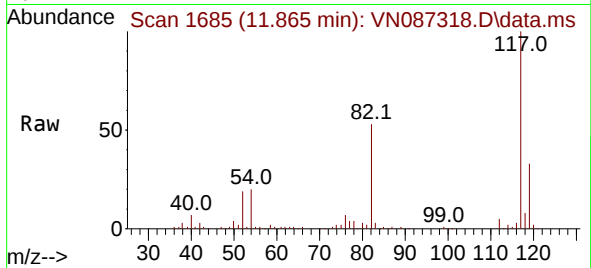
Tgt Ion:173 Resp: 40144
Ion Ratio Lower Upper
173 100
175 47.4 38.7 58.1
254 4.5 4.2 6.4





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN087318.D
Acq: 10 Jul 2025 11:53

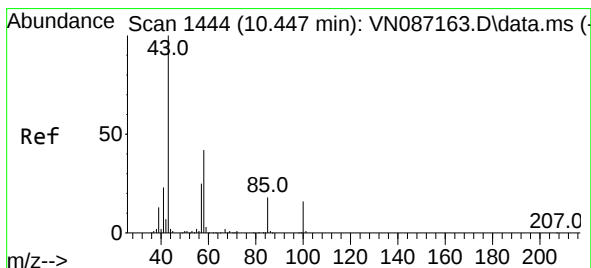
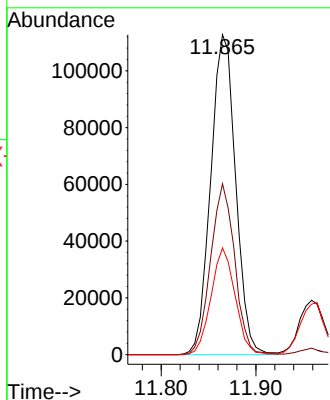
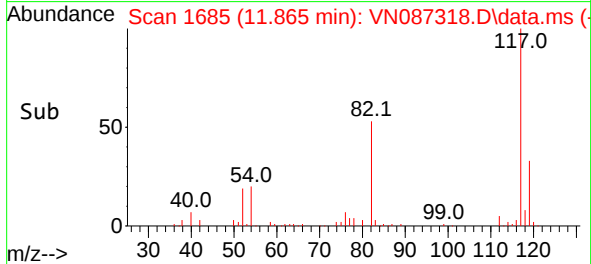
Instrument :
MSVOA_N
ClientSampleId :
VN0710WBSD01



Tgt Ion:117 Resp: 206435
Ion Ratio Lower Upper
117 100
82 51.7 45.4 68.2
119 32.3 26.2 39.4

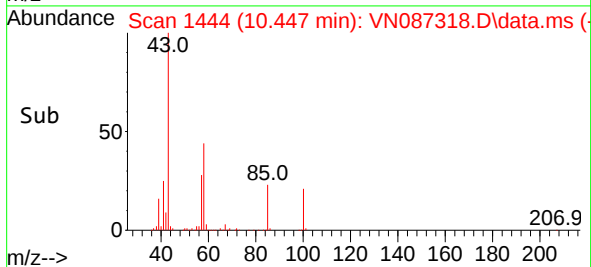
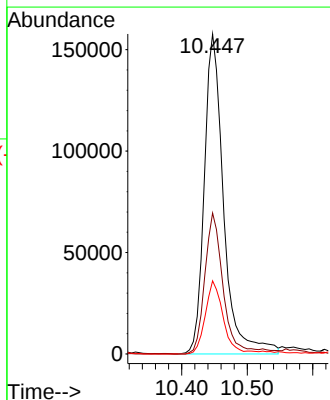
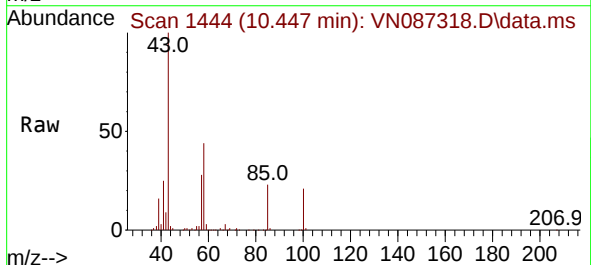
Manual Integrations
APPROVED

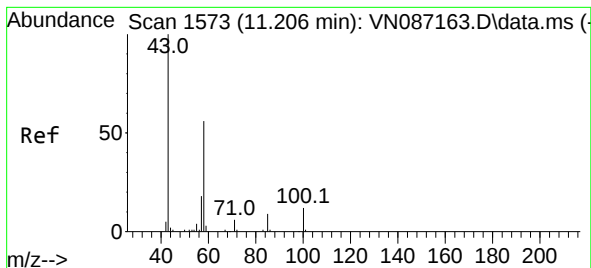
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025



#58
4-Methyl-2-Pentanone
Concen: 78.031 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN087318.D
Acq: 10 Jul 2025 11:53

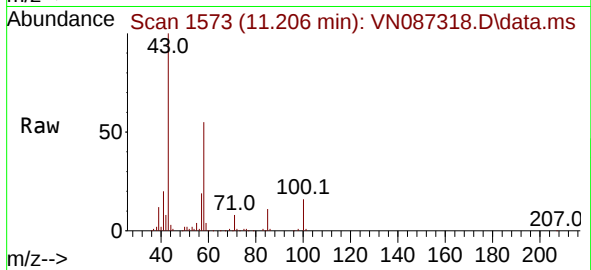
Tgt Ion: 43 Resp: 323835
Ion Ratio Lower Upper
43 100
58 41.4 32.6 49.0
85 20.7 14.6 22.0





#59
2-Hexanone
Concen: 69.530 ug/l
RT: 11.206 min Scan# 1573
Delta R.T. 0.000 min
Lab File: VN087318.D
Acq: 10 Jul 2025 11:53

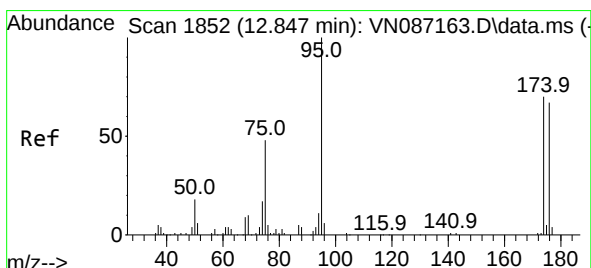
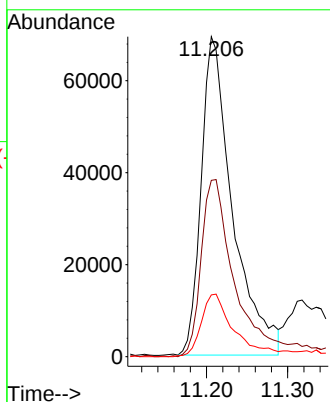
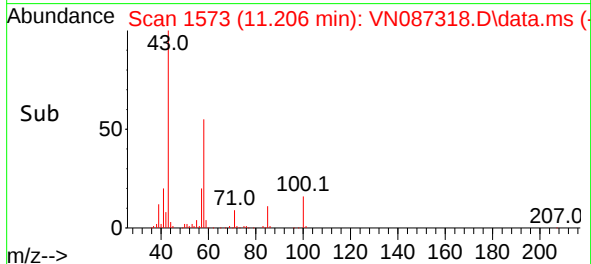
Instrument :
MSVOA_N
ClientSampleId :
VN0710WBSD01



Tgt Ion: 43 Resp: 186329
Ion Ratio Lower Upper
43 100
58 58.5 49.2 73.8
57 19.4 15.3 22.9

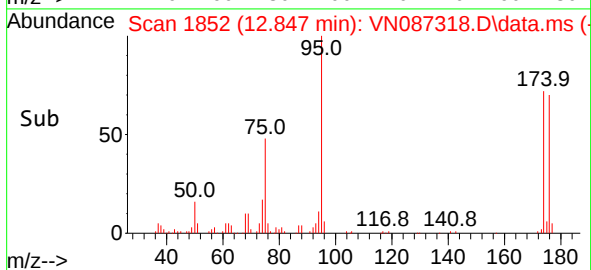
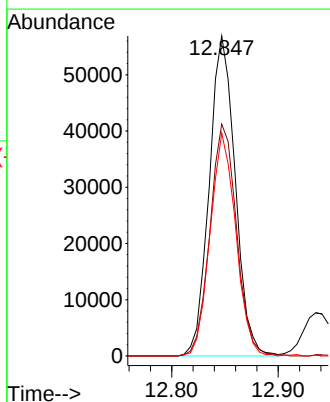
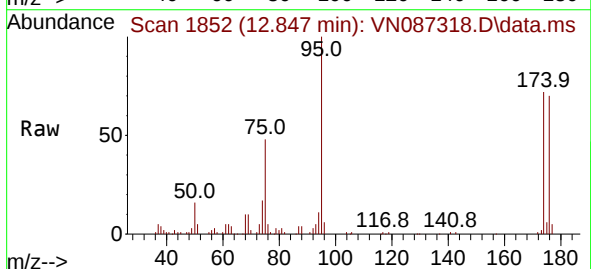
Manual Integrations
APPROVED

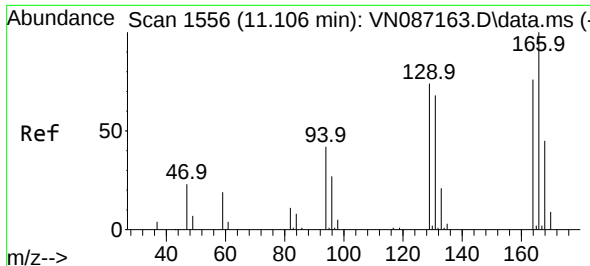
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025



#60
4-Bromofluorobenzene
Concen: 30.205 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN087318.D
Acq: 10 Jul 2025 11:53

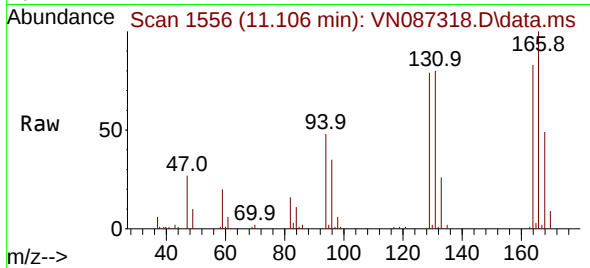
Tgt Ion: 95 Resp: 96219
Ion Ratio Lower Upper
95 100
174 74.2 54.5 81.7
176 68.8 51.9 77.9





#61
Tetrachloroethene
Concen: 19.308 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN087318.D
Acq: 10 Jul 2025 11:53

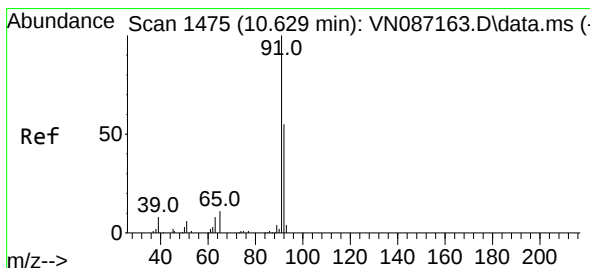
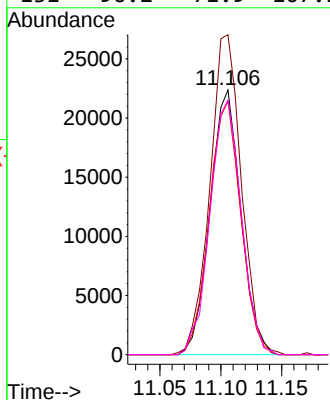
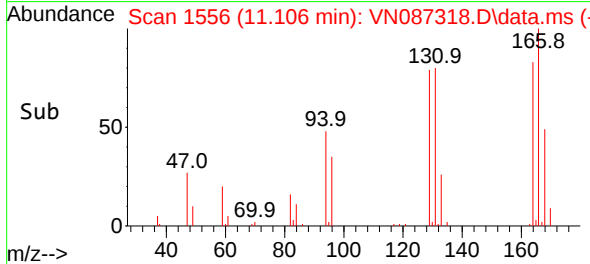
Instrument :
MSVOA_N
ClientSampleId :
VN0710WBSD01



Tgt Ion:164 Resp: 3947
Ion Ratio Lower Upper
164 100
166 120.1 105.4 158.2
129 95.9 77.9 116.9
131 96.2 71.9 107.9

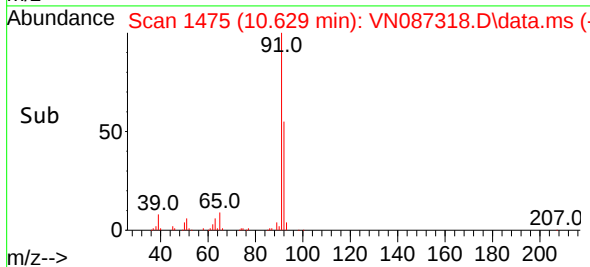
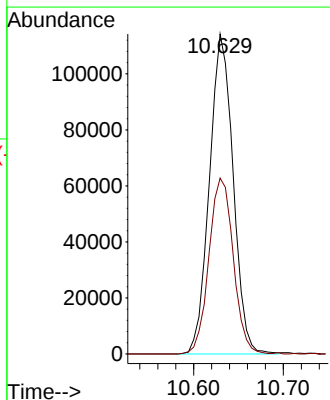
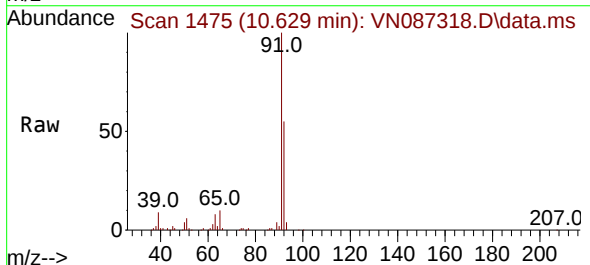
Manual Integrations
APPROVED

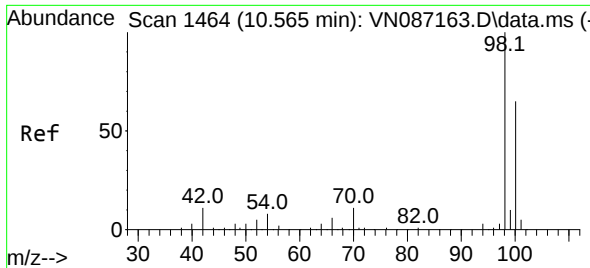
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025



#62
Toluene
Concen: 17.965 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN087318.D
Acq: 10 Jul 2025 11:53

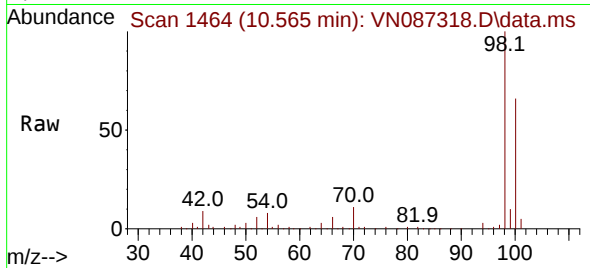
Tgt Ion: 91 Resp: 209457
Ion Ratio Lower Upper
91 100
92 56.5 45.8 68.8





#63
Toluene-d8
Concen: 28.775 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN087318.D
Acq: 10 Jul 2025 11:53

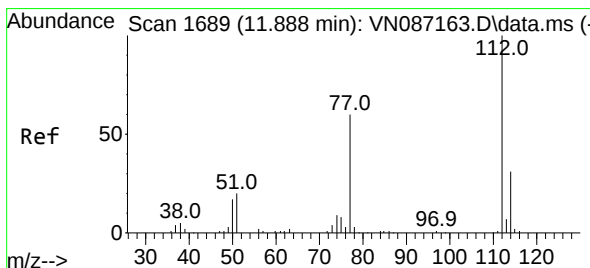
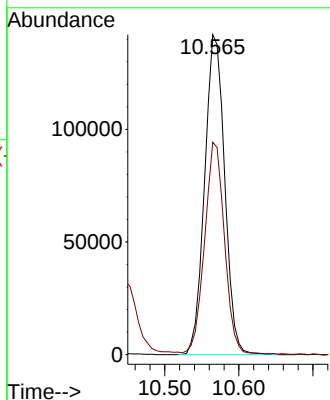
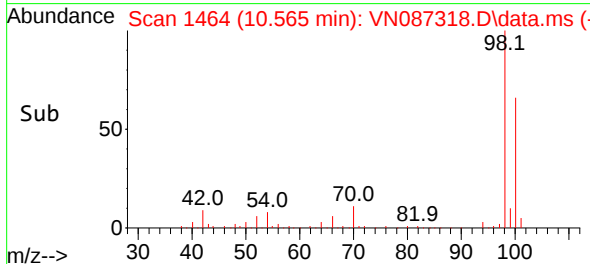
Instrument :
MSVOA_N
ClientSampleId :
VN0710WBSD01



Tgt Ion: 98 Resp: 266711
Ion Ratio Lower Upper
98 100
100 66.2 52.5 78.7

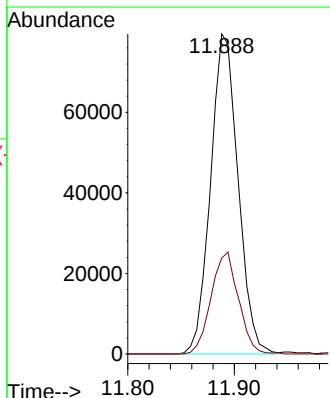
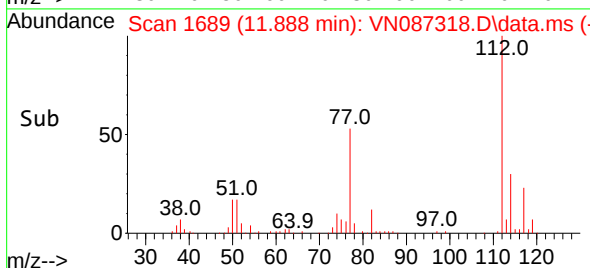
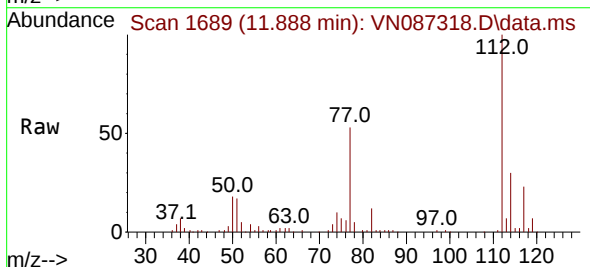
Manual Integrations
APPROVED

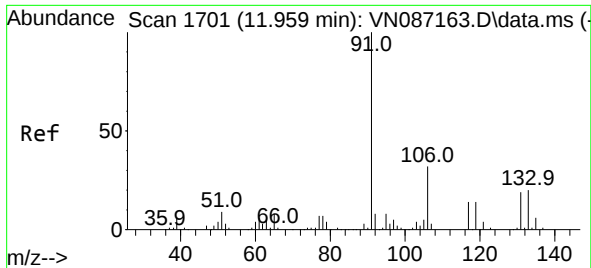
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025



#64
Chlorobenzene
Concen: 19.162 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN087318.D
Acq: 10 Jul 2025 11:53

Tgt Ion:112 Resp: 142509
Ion Ratio Lower Upper
112 100
114 29.9 25.0 37.4





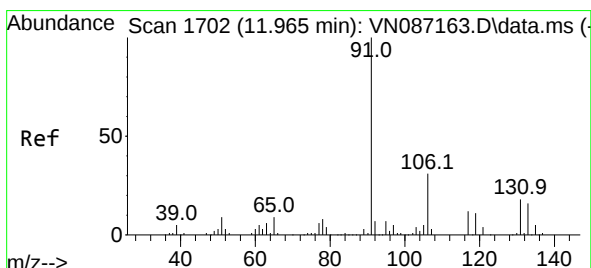
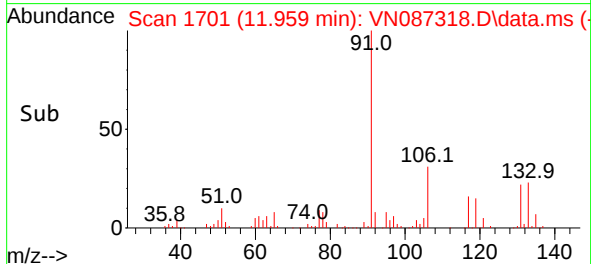
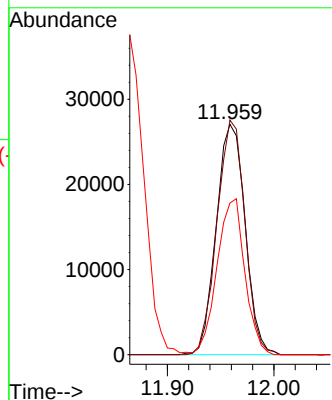
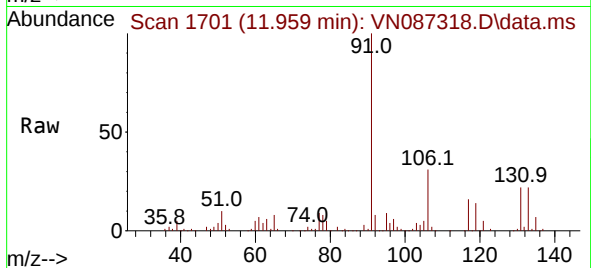
#65
1,1,1,2-Tetrachloroethane
Concen: 20.790 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN087318.D
Acq: 10 Jul 2025 11:53

Instrument :
MSVOA_N
ClientSampleId :
VN0710WBSD01

Tgt Ion:131 Resp: 51088
Ion Ratio Lower Upper
131 100
133 98.2 0.0 187.8
119 65.0 0.0 140.0

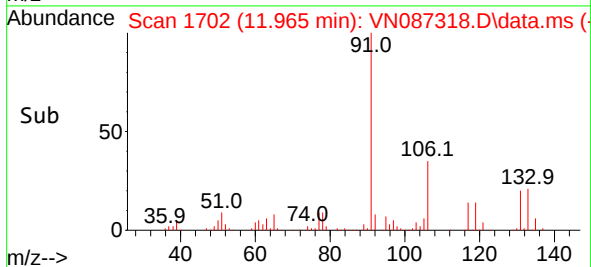
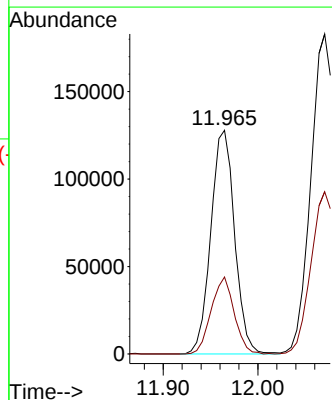
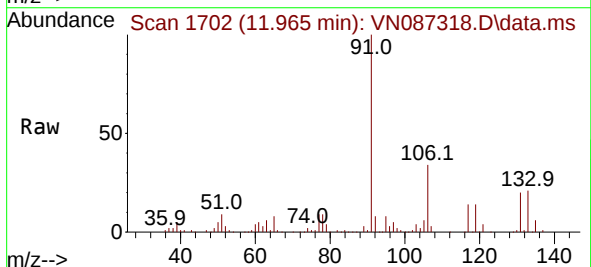
Manual Integrations
APPROVED

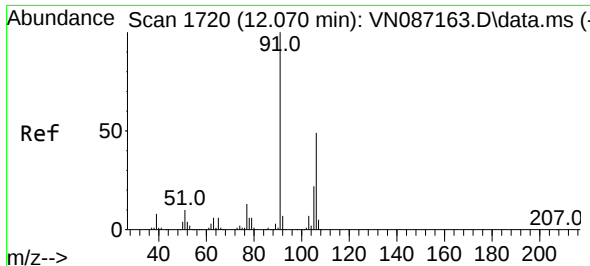
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025



#66
Ethyl Benzene
Concen: 17.502 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN087318.D
Acq: 10 Jul 2025 11:53

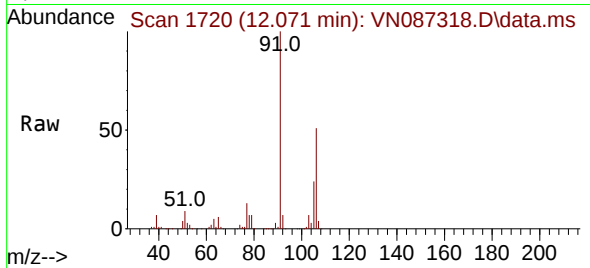
Tgt Ion: 91 Resp: 223351
Ion Ratio Lower Upper
91 100
106 34.4 24.8 37.2





#67
m/p-Xylenes
Concen: 36.950 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN087318.D
Acq: 10 Jul 2025 11:53

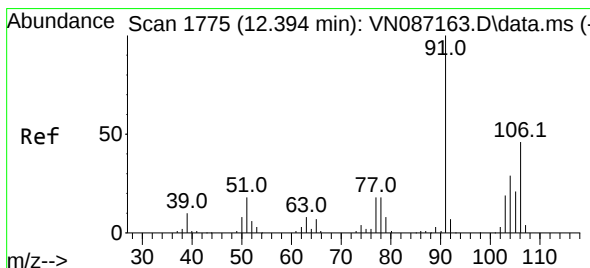
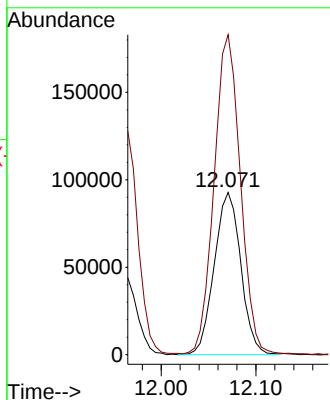
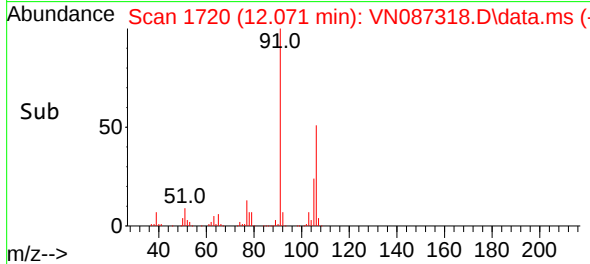
Instrument :
MSVOA_N
ClientSampleId :
VN0710WBSD01



Tgt Ion:106 Resp: 180690
Ion Ratio Lower Upper
106 100
91 196.0 163.0 244.4

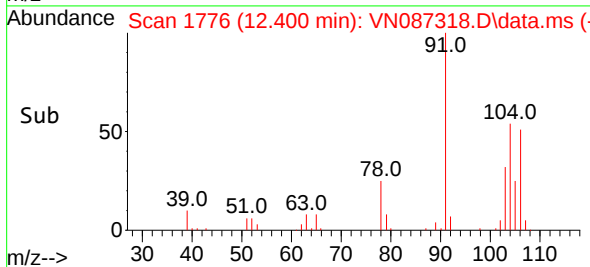
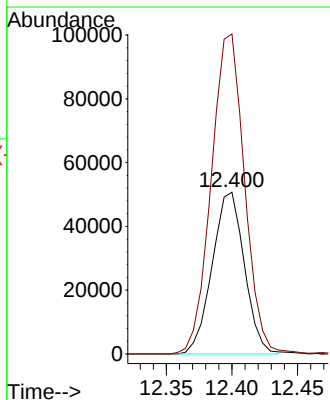
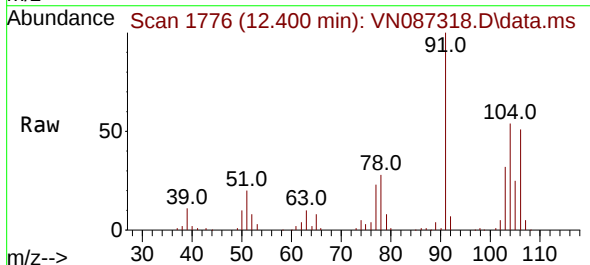
Manual Integrations
APPROVED

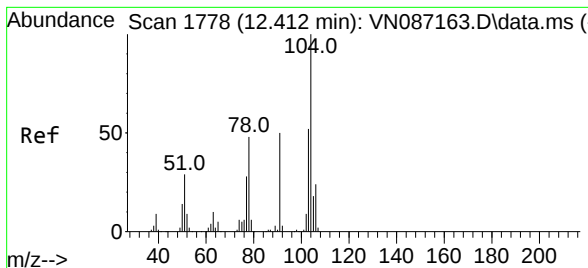
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025



#68
o-Xylene
Concen: 18.571 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN087318.D
Acq: 10 Jul 2025 11:53

Tgt Ion:106 Resp: 86642
Ion Ratio Lower Upper
106 100
91 204.6 107.1 321.1





#69

Styrene

Concen: 18.358 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. 0.000 min

Lab File: VN087318.D

Acq: 10 Jul 2025 11:53

Instrument :

MSVOA_N

ClientSampleId :

VN0710WBSD01

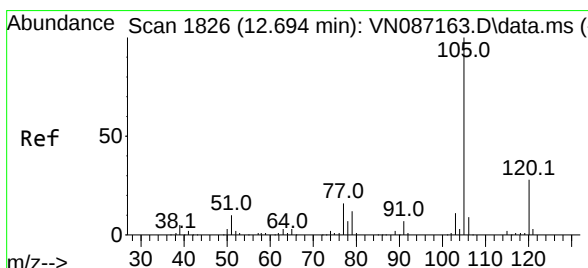
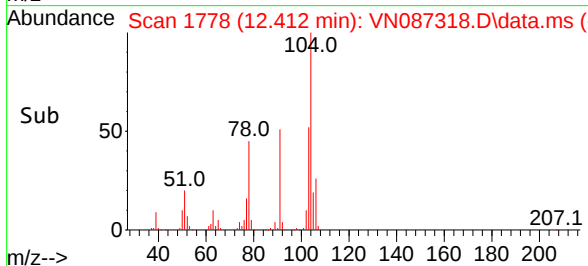
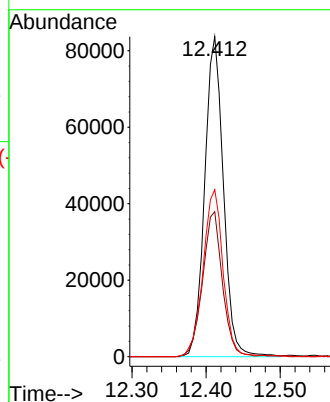
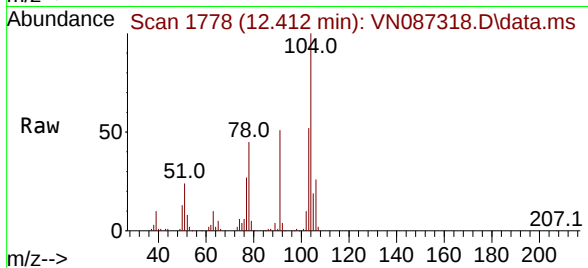
Tgt Ion:	104	Resp:	14704
Ion Ratio	Lower	Upper	
104	100		
78	47.9	39.8	59.8
103	56.0	44.2	66.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2025

Supervised By :Mahesh Dadoda 07/14/2025



#70

Isopropylbenzene

Concen: 18.519 ug/l

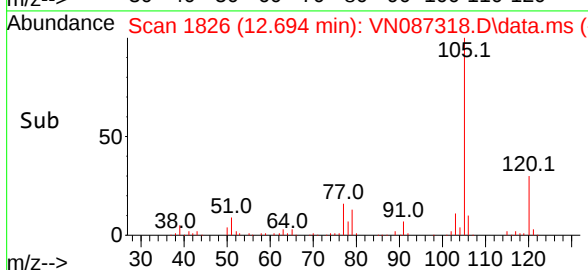
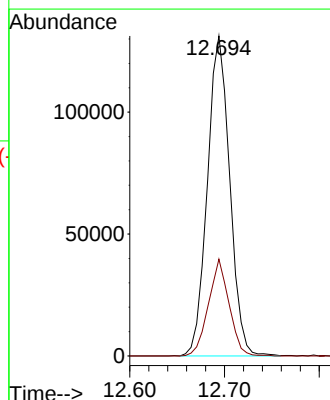
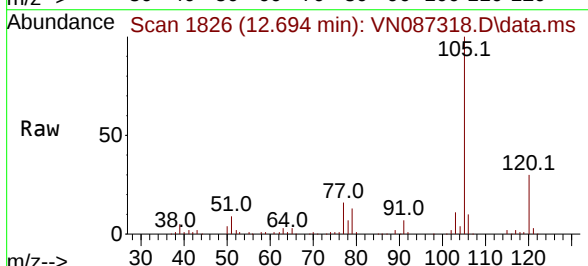
RT: 12.694 min Scan# 1826

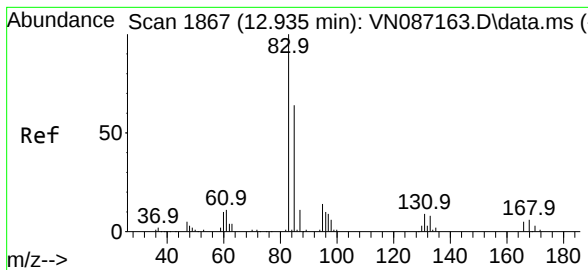
Delta R.T. 0.000 min

Lab File: VN087318.D

Acq: 10 Jul 2025 11:53

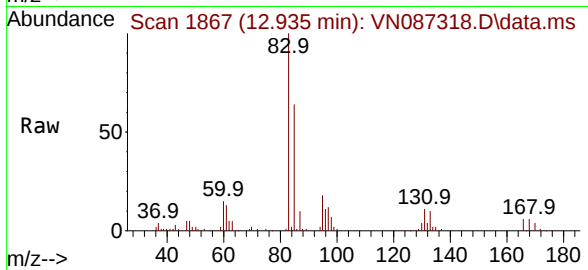
Tgt Ion:	105	Resp:	215183
Ion Ratio	Lower	Upper	
105	100		
120	27.8	19.0	35.2





#71
1,1,2,2-Tetrachloroethane
Concen: 18.832 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN087318.D
Acq: 10 Jul 2025 11:53

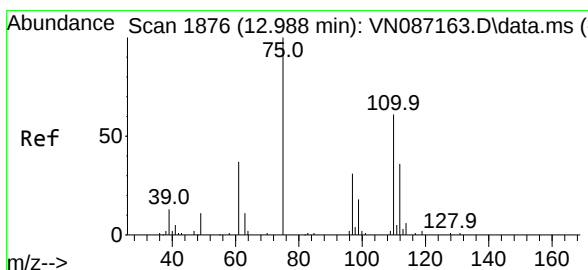
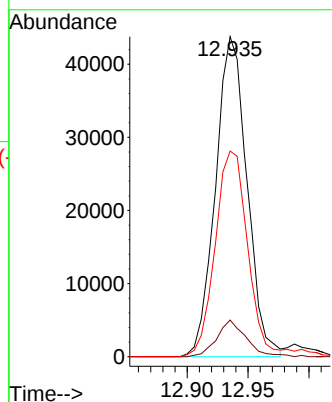
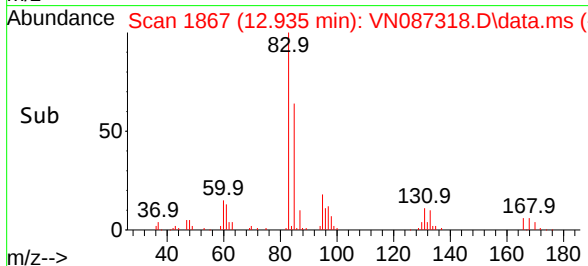
Instrument :
MSVOA_N
ClientSampleId :
VN0710WBSD01



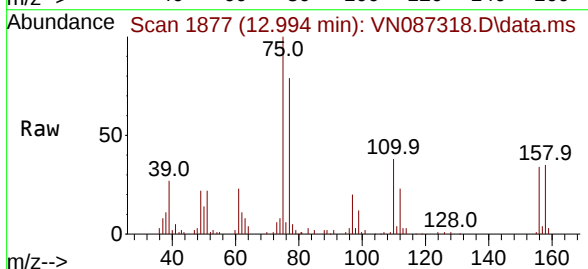
Tgt Ion: 83 Resp: 7876
Ion Ratio Lower Upper
83 100
131 10.6 4.5 13.4
85 65.8 31.3 93.9

Manual Integrations
APPROVED

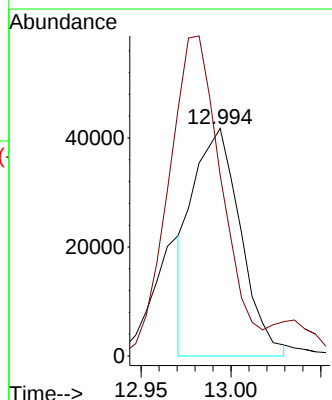
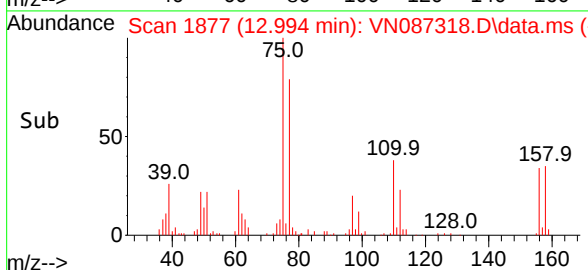
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

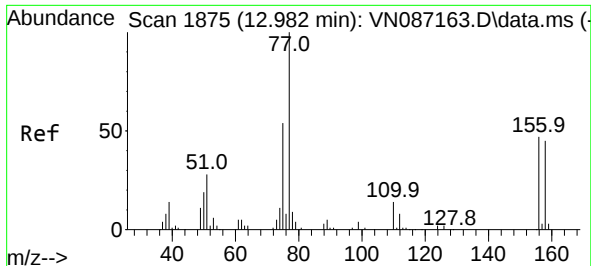


#72
1,2,3-Trichloropropane
Concen: 21.515 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.006 min
Lab File: VN087318.D
Acq: 10 Jul 2025 11:53



Tgt Ion: 75 Resp: 77598
Ion Ratio Lower Upper
75 100
77 156.6 0.0 379.2





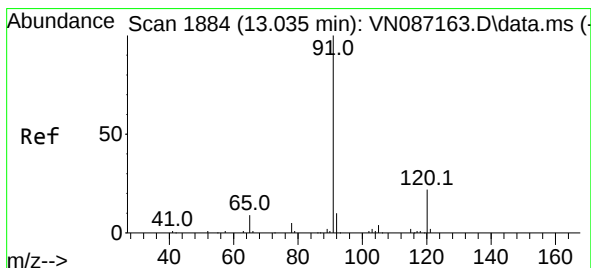
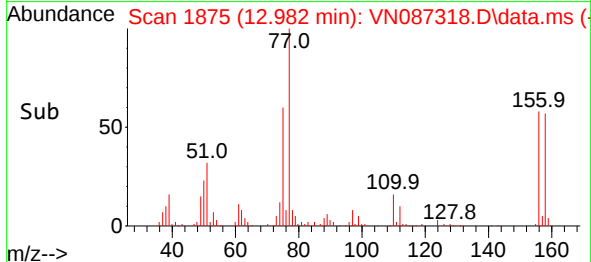
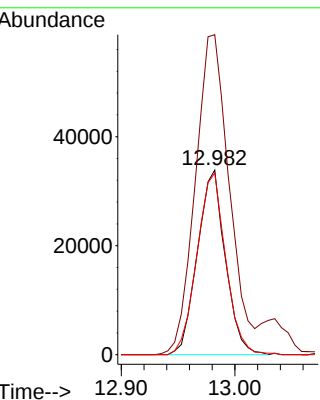
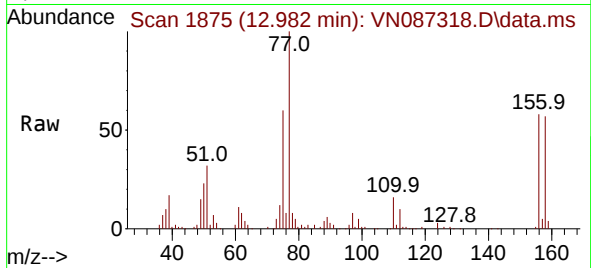
#73
Bromobenzene
Concen: 20.482 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN087318.D
Acq: 10 Jul 2025 11:53

Instrument :
MSVOA_N
ClientSampleId :
VN0710WBSD01

Tgt Ion:156 Resp: 5773
Ion Ratio Lower Upper
156 100
77 210.5 0.0 489.0
158 101.6 0.0 195.2

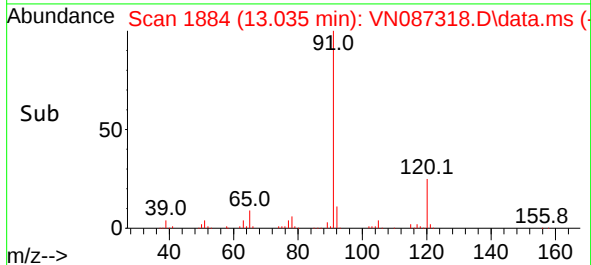
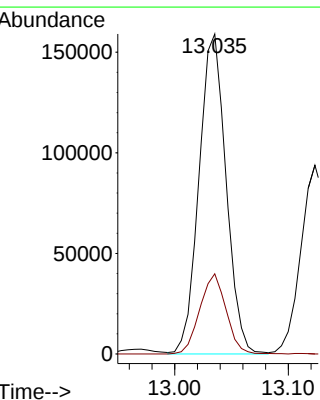
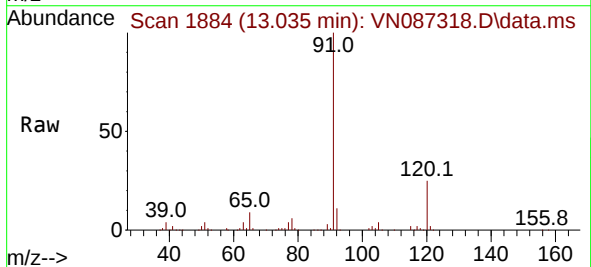
Manual Integrations
APPROVED

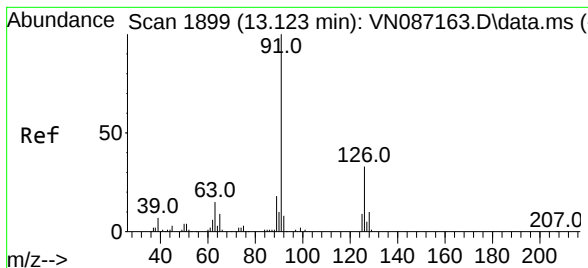
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025



#74
n-propylbenzene
Concen: 18.567 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN087318.D
Acq: 10 Jul 2025 11:53

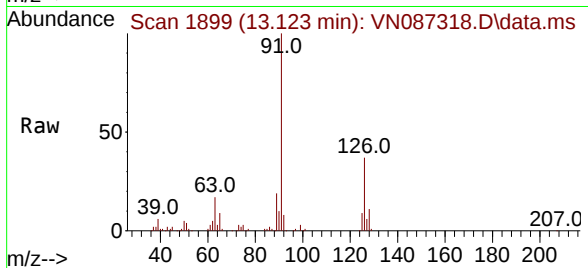
Tgt Ion: 91 Resp: 263560
Ion Ratio Lower Upper
91 100
120 24.2 0.0 43.6





#75
2-Chlorotoluene
Concen: 18.728 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN087318.D
Acq: 10 Jul 2025 11:53

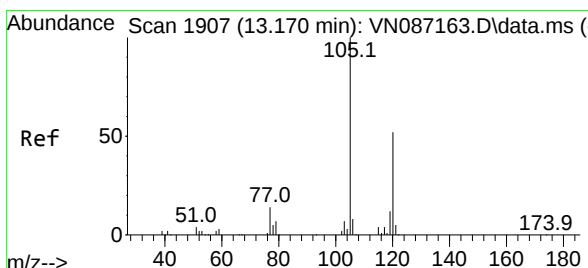
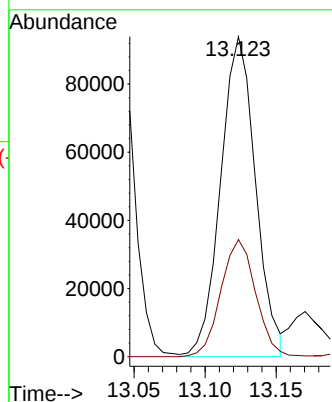
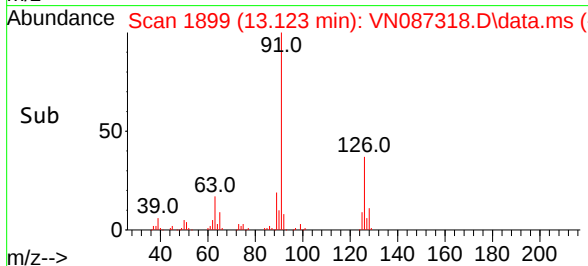
Instrument :
MSVOA_N
ClientSampleId :
VN0710WBSD01



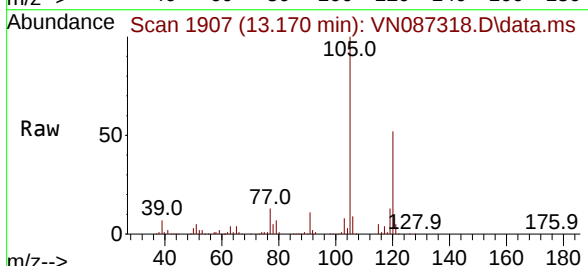
Tgt Ion: 91 Resp: 160610
Ion Ratio Lower Upper
91 100
126 36.4 0.0 63.8

Manual Integrations
APPROVED

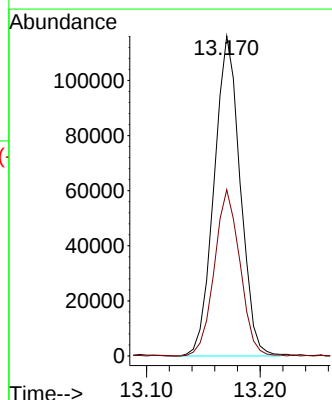
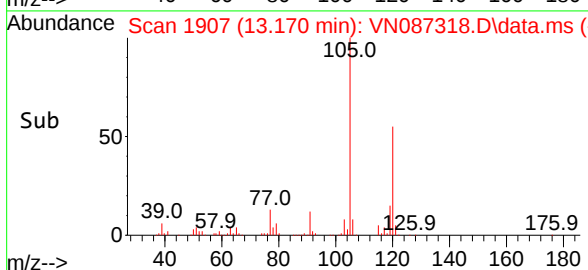
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

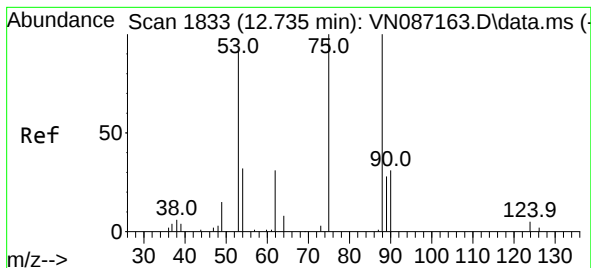


#76
1,3,5-Trimethylbenzene
Concen: 19.607 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN087318.D
Acq: 10 Jul 2025 11:53



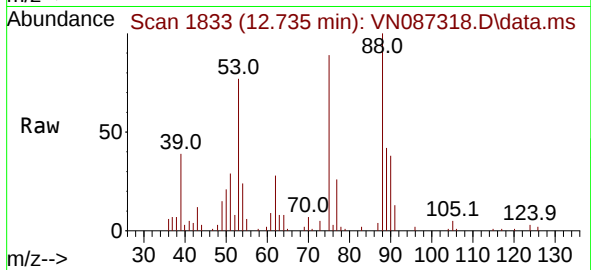
Tgt Ion:105 Resp: 185472
Ion Ratio Lower Upper
105 100
120 50.9 0.0 100.8





#77
t-1,4-Dichloro-2-butene
Concen: 16.794 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN087318.D
Acq: 10 Jul 2025 11:53

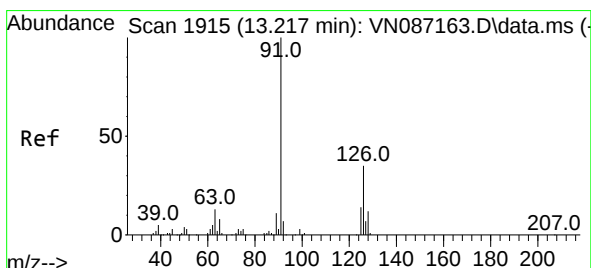
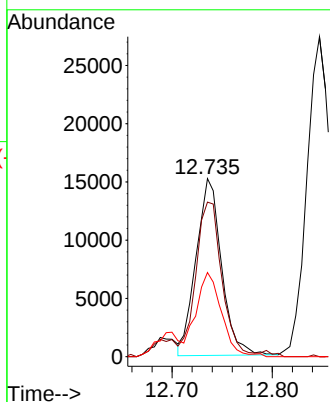
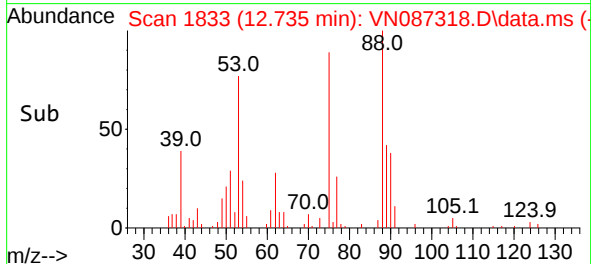
Instrument :
MSVOA_N
ClientSampleId :
VN0710WBSD01



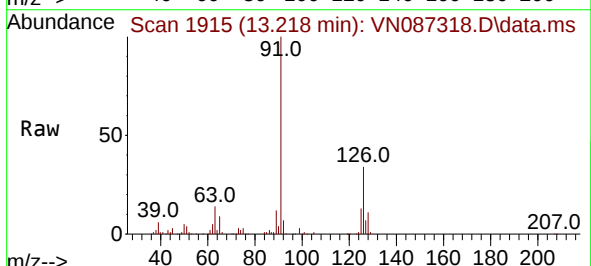
Tgt Ion: 75 Resp: 2686
Ion Ratio Lower Upper
75 100
53 85.8 45.9 137.6
89 47.8 22.3 66.9

Manual Integrations
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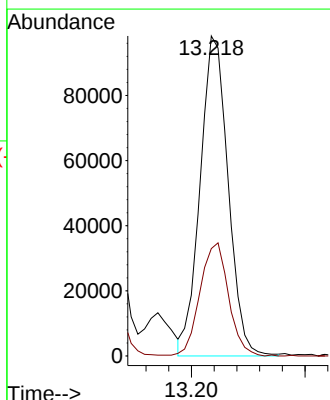
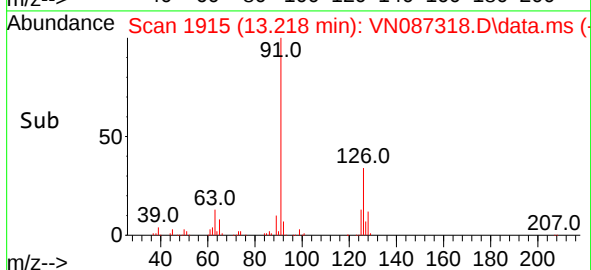
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

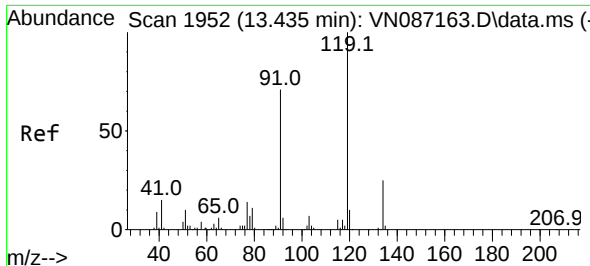


#78
4-Chlorotoluene
Concen: 19.172 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN087318.D
Acq: 10 Jul 2025 11:53



Tgt Ion: 91 Resp: 168398
Ion Ratio Lower Upper
91 100
126 36.0 0.0 65.2





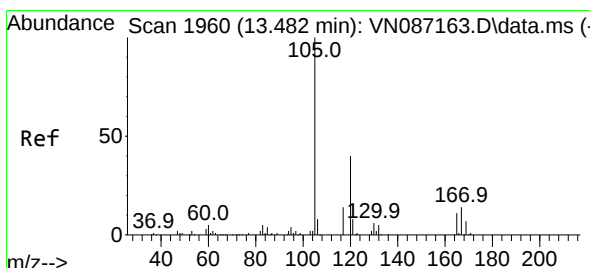
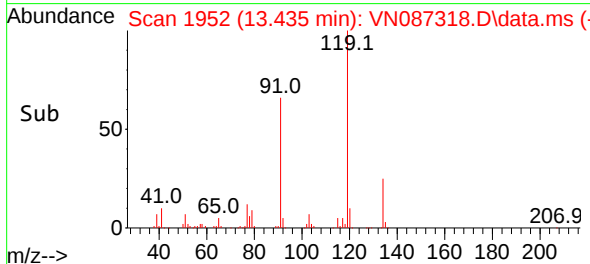
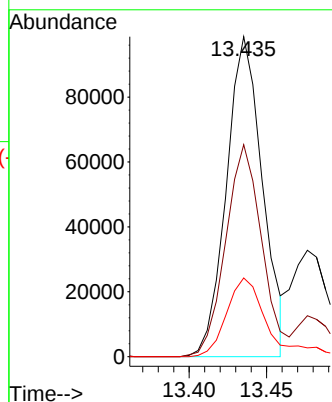
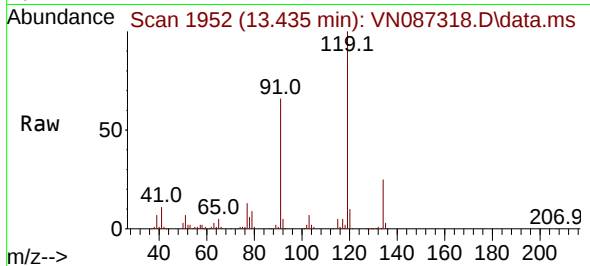
#79
tert-butylbenzene
Concen: 20.090 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN087318.D
Acq: 10 Jul 2025 11:53

Instrument :
MSVOA_N
ClientSampleId :
VN0710WBSD01

Tgt Ion:119 Resp: 159740
Ion Ratio Lower Upper
119 100
91 66.6 0.0 137.0
134 25.1 0.0 49.4

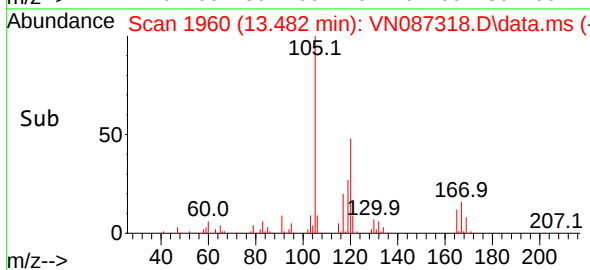
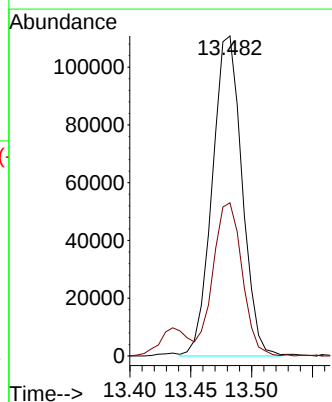
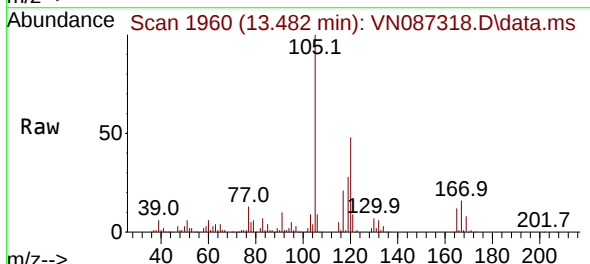
Manual Integrations
APPROVED

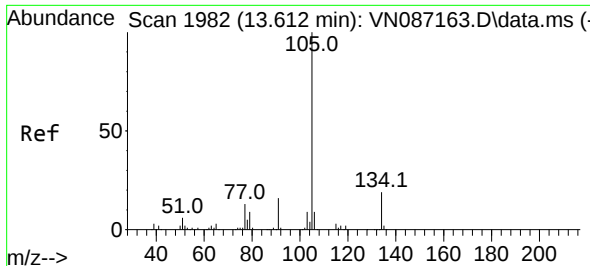
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025



#80
1,2,4-Trimethylbenzene
Concen: 19.837 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN087318.D
Acq: 10 Jul 2025 11:53

Tgt Ion:105 Resp: 188426
Ion Ratio Lower Upper
105 100
120 46.8 0.0 94.0





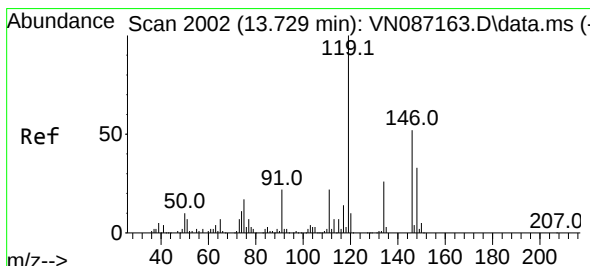
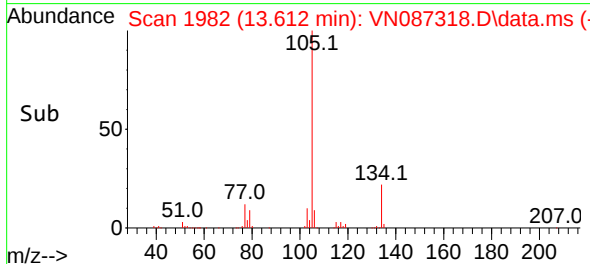
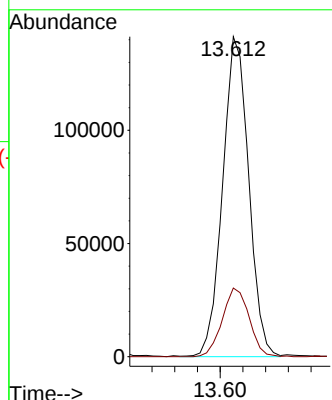
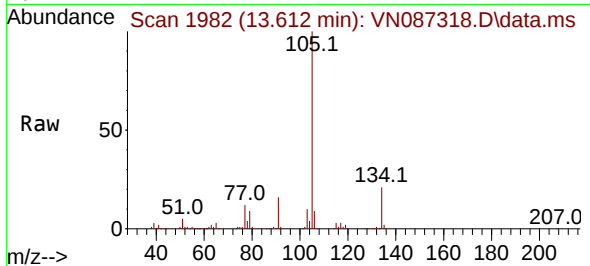
#81
 sec-Butylbenzene
 Concen: 19.479 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. 0.000 min
 Lab File: VN087318.D
 Acq: 10 Jul 2025 11:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0710WBSD01

Tgt Ion:105 Resp: 22515
 Ion Ratio Lower Upper
 105 100
 134 22.1 0.0 39.4

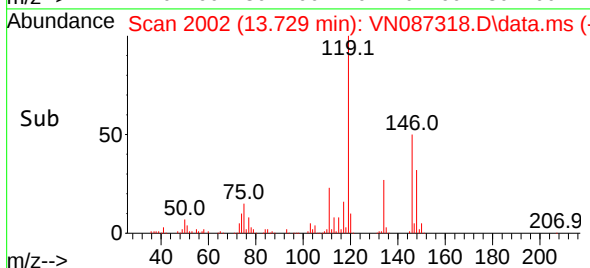
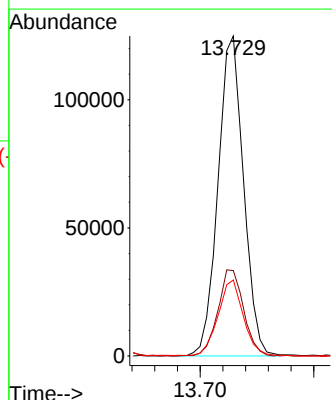
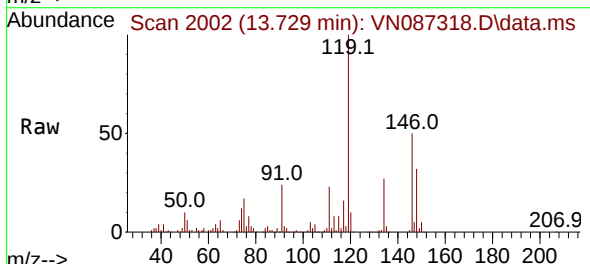
Manual Integrations
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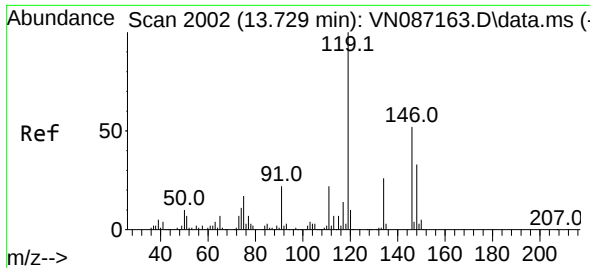
Reviewed By :John Carlone 07/11/2025
 Supervised By :Mahesh Dadoda 07/14/2025



#82
 p-Isopropyltoluene
 Concen: 20.276 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN087318.D
 Acq: 10 Jul 2025 11:53

Tgt Ion:119 Resp: 195037
 Ion Ratio Lower Upper
 119 100
 134 27.0 0.0 51.2
 91 23.6 0.0 46.4





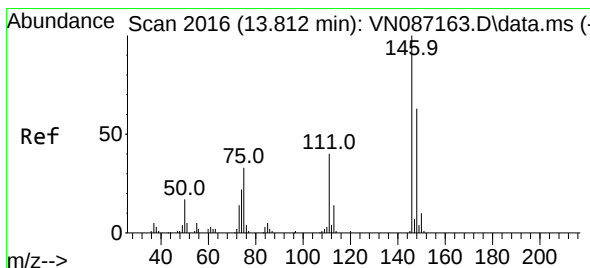
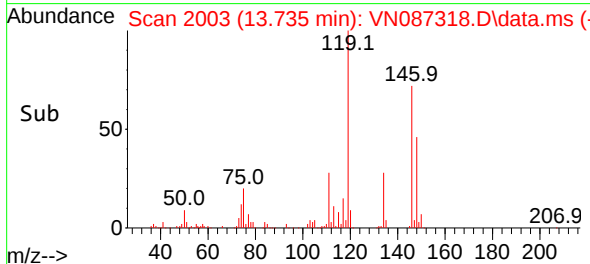
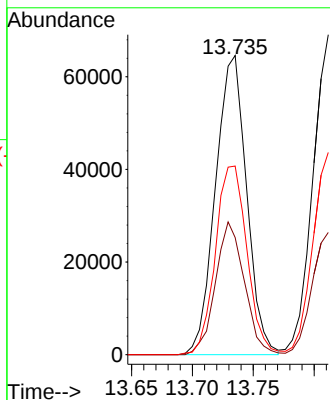
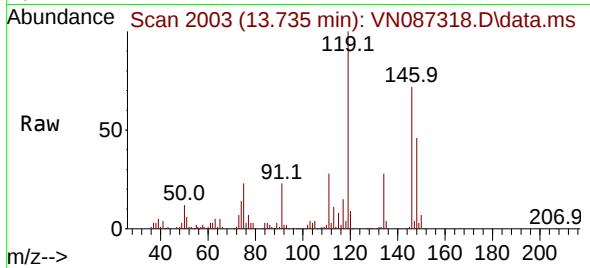
#83
1,3-Dichlorobenzene
Concen: 21.208 ug/l
RT: 13.735 min Scan# 2002
Delta R.T. 0.006 min
Lab File: VN087318.D
Acq: 10 Jul 2025 11:53

Instrument :
MSVOA_N
ClientSampleId :
VN0710WBSD01

Tgt Ion:146 Resp: 115110
Ion Ratio Lower Upper
146 100
111 41.2 21.1 63.3
148 64.1 31.6 94.8

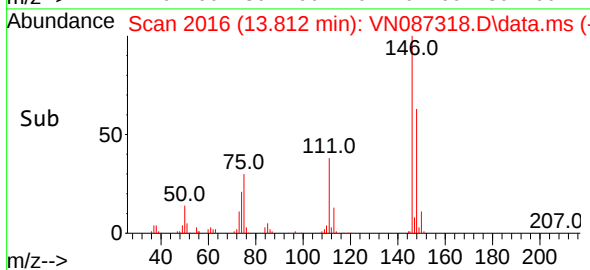
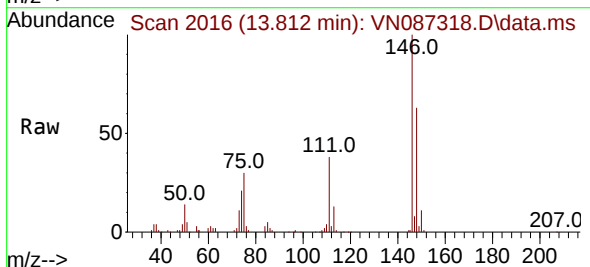
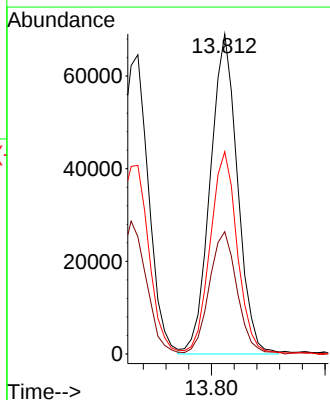
Manual Integrations
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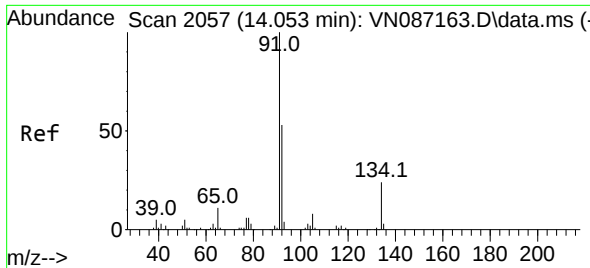
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025



#84
1,4-Dichlorobenzene
Concen: 21.118 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN087318.D
Acq: 10 Jul 2025 11:53

Tgt Ion:146 Resp: 115357
Ion Ratio Lower Upper
146 100
111 38.7 20.1 60.2
148 62.7 31.4 94.2





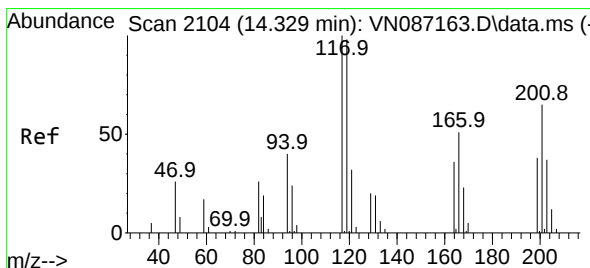
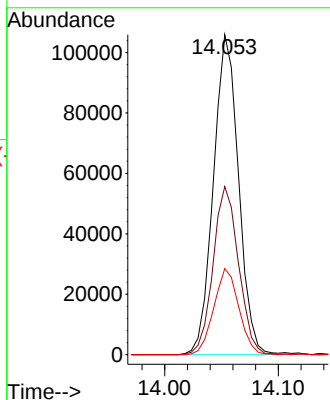
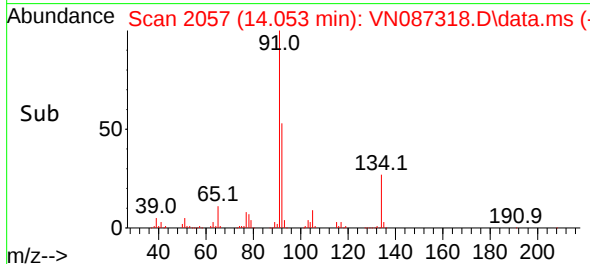
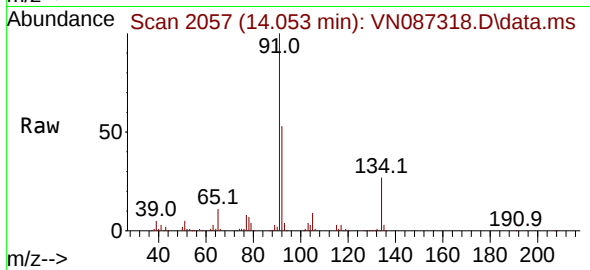
#85
n-Butylbenzene
Concen: 18.536 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN087318.D
Acq: 10 Jul 2025 11:53

Instrument :
MSVOA_N
ClientSampleId :
VN0710WBSD01

Tgt Ion: 91 Resp: 162670
Ion Ratio Lower Upper
91 100
92 53.4 0.0 106.4
134 26.9 0.0 48.8

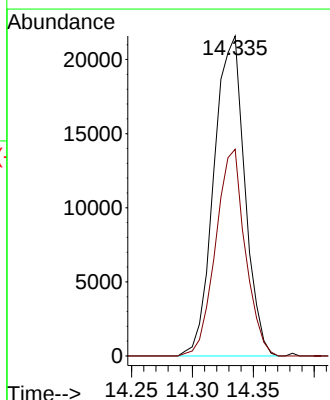
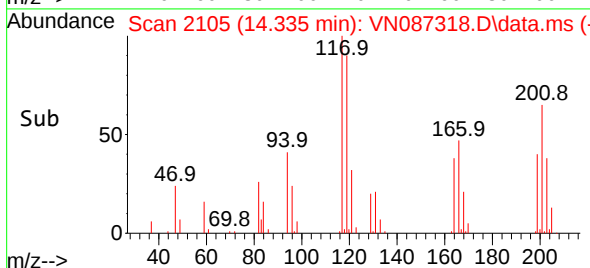
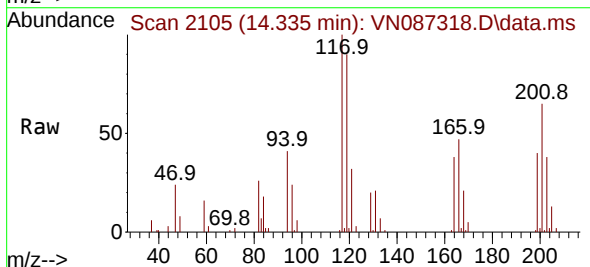
Manual Integrations
APPROVED

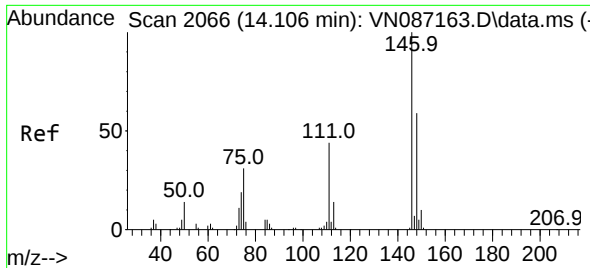
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025



#86
Hexachloroethane
Concen: 20.846 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.006 min
Lab File: VN087318.D
Acq: 10 Jul 2025 11:53

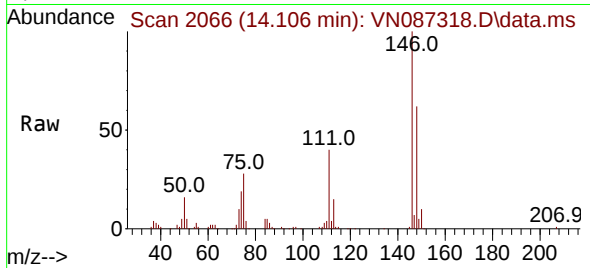
Tgt Ion:117 Resp: 37956
Ion Ratio Lower Upper
117 100
201 62.1 30.8 92.3





#87
1,2-Dichlorobenzene
Concen: 21.914 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN087318.D
Acq: 10 Jul 2025 11:53

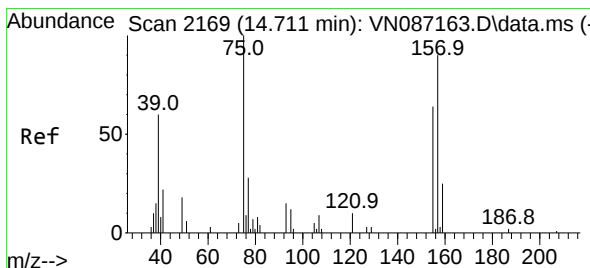
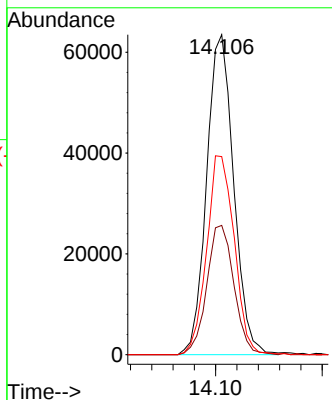
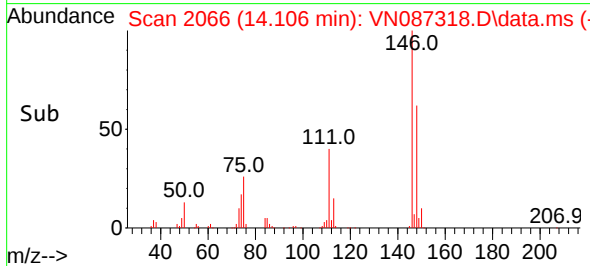
Instrument :
MSVOA_N
ClientSampleId :
VN0710WBSD01



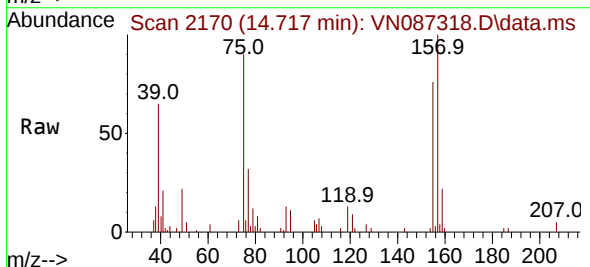
Tgt Ion:146 Resp: 11215
Ion Ratio Lower Upper
146 100
111 40.5 22.1 66.1
148 63.3 31.6 95.0

Manual Integrations
APPROVED

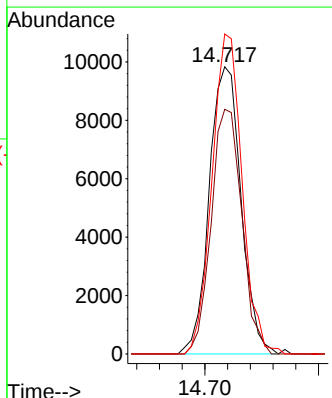
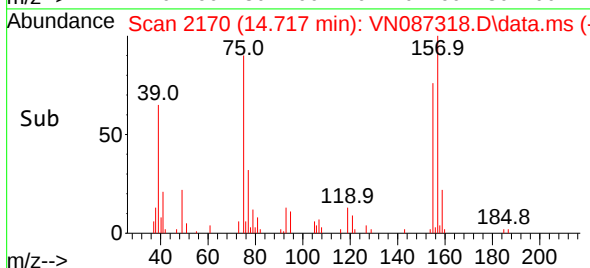
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

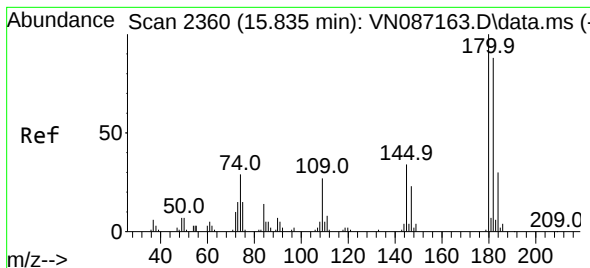


#88
1,2-Dibromo-3-Chloropropane
Concen: 20.258 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.006 min
Lab File: VN087318.D
Acq: 10 Jul 2025 11:53



Tgt Ion: 75 Resp: 19078
Ion Ratio Lower Upper
75 100
155 82.2 58.3 87.5
157 105.0 79.2 118.8





#89

1,2,4-Trichlorobenzene

Concen: 20.292 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. 0.000 min

Lab File: VN087318.D

Acq: 10 Jul 2025 11:53

Instrument :

MSVOA_N

ClientSampleId :

VN0710WBSD01

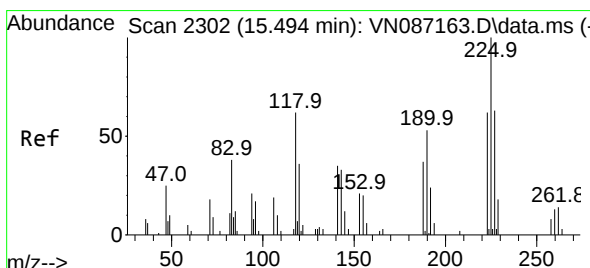
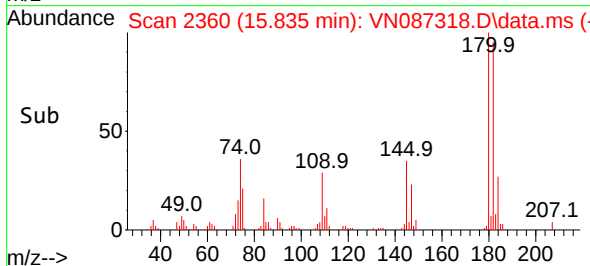
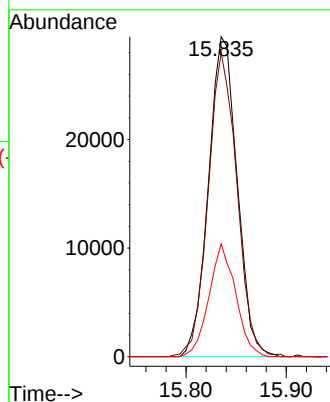
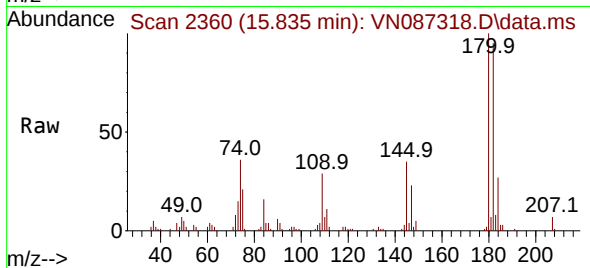
Tgt Ion:	180	Resp:	58754
Ion Ratio	Lower	Upper	
180	100		
182	94.6	74.2	111.2
145	32.7	27.6	41.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2025

Supervised By :Mahesh Dadoda 07/14/2025



#90

Hexachlorobutadiene

Concen: 19.311 ug/l

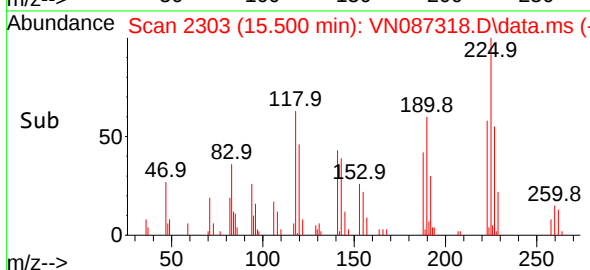
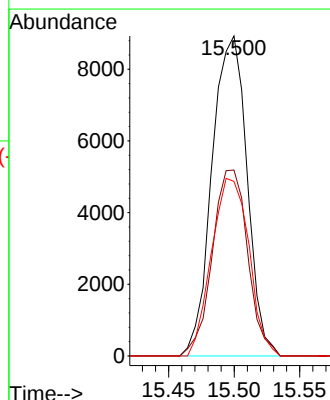
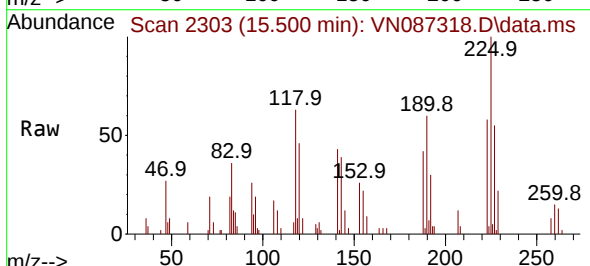
RT: 15.500 min Scan# 2303

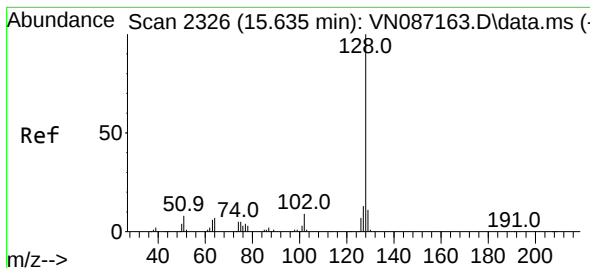
Delta R.T. 0.006 min

Lab File: VN087318.D

Acq: 10 Jul 2025 11:53

Tgt Ion:	225	Resp:	16592
Ion Ratio	Lower	Upper	
225	100		
223	58.7	0.0	134.2
227	59.1	0.0	122.6





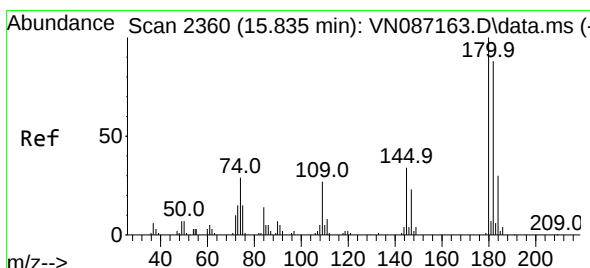
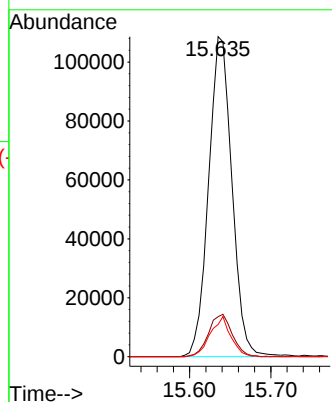
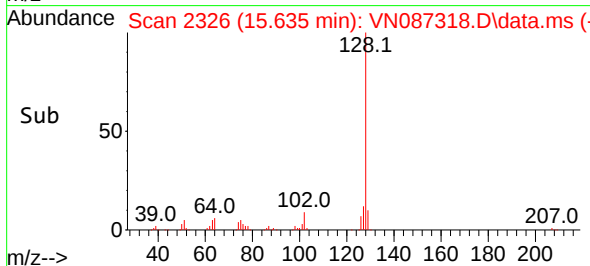
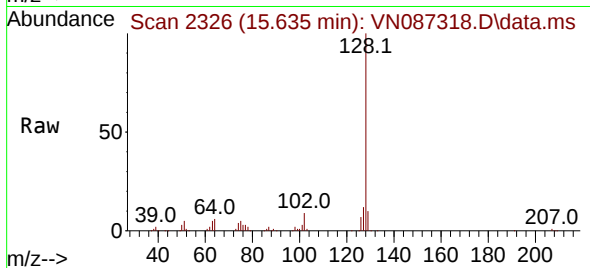
#91
Naphthalene
Concen: 19.047 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. 0.000 min
Lab File: VN087318.D
Acq: 10 Jul 2025 11:53

Instrument :
MSVOA_N
ClientSampleId :
VN0710WBSD01

Tgt Ion:128 Resp: 217054
Ion Ratio Lower Upper
128 100
127 13.4 10.6 15.8
129 11.0 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025



#92
1,2,3-Trichlorobenzene
Concen: 20.292 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VN087318.D
Acq: 10 Jul 2025 11:53

Tgt Ion:180 Resp: 58754
Ion Ratio Lower Upper
180 100
182 94.6 0.0 185.4
145 32.7 0.0 69.0

