

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092325\
 Data File : VN087931.D
 Acq On : 23 Sep 2025 15:08
 Operator : JC\MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN092325

Quant Time: Sep 24 05:21:09 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 24 05:05:30 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 09/24/2025
 Supervised By : Mahesh Dadoda 09/26/2025

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	277018	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	496020	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	466772	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.771	152	243738	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	203626	43.678	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	87.360%		
35) Dibromofluoromethane	8.153	113	156190	43.369	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	86.740%		
50) Toluene-d8	10.547	98	567044	44.774	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	89.540%		
62) 4-Bromofluorobenzene	12.829	95	200630	44.319	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	88.640%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.142	85	161997	50.496	ug/l	96
3) Chloromethane	2.383	50	160833	48.962	ug/l	100
4) Vinyl Chloride	2.536	62	165059	49.253	ug/l	97
5) Bromomethane	2.971	94	113238	54.504	ug/l	97
6) Chloroethane	3.136	64	108186	49.650	ug/l	100
7) Trichlorofluoromethane	3.506	101	265455	48.650	ug/l	98
8) Diethyl Ether	3.959	74	101038	49.015	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.365	101	137085	47.535	ug/l	96
10) Methyl Iodide	4.577	142	150647	58.041	ug/l	98
11) Tert butyl alcohol	5.524	59	181682	270.566	ug/l	100
12) 1,1-Dichloroethene	4.336	96	147146	50.568	ug/l	99
13) Acrolein	4.177	56	213590	247.902	ug/l	98
14) Allyl chloride	5.012	41	238489	50.343	ug/l	96
15) Acrylonitrile	5.712	53	527698	250.533	ug/l	99
16) Acetone	4.418	43	476656	248.497	ug/l	93
17) Carbon Disulfide	4.701	76	441131	48.521	ug/l	99
18) Methyl Acetate	5.018	43	252027	52.501	ug/l	99
19) Methyl tert-butyl Ether	5.789	73	593372	52.201	ug/l	98
20) Methylene Chloride	5.271	84	185323	47.732	ug/l	94
21) trans-1,2-Dichloroethene	5.777	96	176202	49.395	ug/l	88
22) Diisopropyl ether	6.659	45	572737	51.790	ug/l	96
23) Vinyl Acetate	6.589	43	2420654m	259.965	ug/l	
24) 1,1-Dichloroethane	6.553	63	319051	49.382	ug/l	98
25) 2-Butanone	7.471	43	765845	261.219	ug/l	99
26) 2,2-Dichloropropane	7.471	77	288518	50.261	ug/l	99
27) cis-1,2-Dichloroethene	7.471	96	212644	50.099	ug/l	98
28) Bromochloromethane	7.794	49	158210	45.070	ug/l	100
29) Tetrahydrofuran	7.824	42	481488	256.481	ug/l	99
30) Chloroform	7.947	83	347740	49.224	ug/l	94
31) Cyclohexane	8.236	56	249322	47.692	ug/l	97
32) 1,1,1-Trichloroethane	8.147	97	298473	50.001	ug/l	99
36) 1,1-Dichloropropene	8.353	75	223572	51.628	ug/l	98
37) Ethyl Acetate	7.547	43	281650	49.529	ug/l	98
38) Carbon Tetrachloride	8.341	117	254169	51.149	ug/l	96
39) Methylcyclohexane	9.577	83	254097	53.190	ug/l	98
40) Benzene	8.589	78	733552	51.160	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.765	41	151881	51.681	ug/l	98
42) 1,2-Dichloroethane	8.653	62	266146	49.739	ug/l	100
43) Isopropyl Acetate	8.671	43	465007	51.950	ug/l	99
44) Trichloroethene	9.330	130	174047	50.817	ug/l	90
45) 1,2-Dichloropropane	9.600	63	181803	50.566	ug/l	98
46) Dibromomethane	9.688	93	144476	50.925	ug/l	98
47) Bromodichloromethane	9.871	83	282997	50.858	ug/l #	96
48) Methyl methacrylate	9.659	41	220518	53.199	ug/l	95
49) 1,4-Dioxane	9.683	88	71480	1167.270	ug/l #	84
51) 4-Methyl-2-Pentanone	10.424	43	1464843	262.261	ug/l	100
52) Toluene	10.606	92	456380	50.722	ug/l	98
53) t-1,3-Dichloropropene	10.812	75	297827	52.296	ug/l	100
54) cis-1,3-Dichloropropene	10.294	75	303245	51.268	ug/l	98
55) 1,1,2-Trichloroethane	10.994	97	184666	50.476	ug/l	96
56) Ethyl methacrylate	10.853	69	287401	54.367	ug/l	99
57) 1,3-Dichloropropane	11.141	76	314225	52.219	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.141	63	735137	295.766	ug/l	98
59) 2-Hexanone	11.177	43	1027998	278.348	ug/l	98
60) Dibromochloromethane	11.335	129	224473	52.185	ug/l	98
61) 1,2-Dibromoethane	11.447	107	199841	51.598	ug/l	97
64) Tetrachloroethene	11.082	164	145781	51.272	ug/l	96
65) Chlorobenzene	11.871	112	518200	52.168	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.941	131	188263	52.557	ug/l	98
67) Ethyl Benzene	11.941	91	881499	53.183	ug/l	97
68) m/p-Xylenes	12.047	106	687129	108.396	ug/l	100
69) o-Xylene	12.377	106	330957	54.342	ug/l	100
70) Styrene	12.388	104	579999	55.451	ug/l	98
71) Bromoform	12.559	173	155551	53.524	ug/l #	97
73) Isopropylbenzene	12.671	105	848011	56.136	ug/l	99
74) N-amyl acetate	12.500	43	276693m	55.590	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.918	83	277645	51.011	ug/l	99
76) 1,2,3-Trichloropropane	12.971	75	261896m	54.509	ug/l	
77) Bromobenzene	12.959	156	215215	53.546	ug/l	99
78) n-propylbenzene	13.012	91	1041885	55.165	ug/l	99
79) 2-Chlorotoluene	13.100	91	622023	54.089	ug/l	99
80) 1,3,5-Trimethylbenzene	13.147	105	739196	56.572	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.718	75	97122	56.132	ug/l	95
82) 4-Chlorotoluene	13.200	91	643471	55.531	ug/l	99
83) tert-Butylbenzene	13.418	119	620261	56.083	ug/l	96
84) 1,2,4-Trimethylbenzene	13.459	105	750139	55.971	ug/l	99
85) sec-Butylbenzene	13.594	105	900122	55.512	ug/l	97
86) p-Isopropyltoluene	13.706	119	774380	56.387	ug/l	99
87) 1,3-Dichlorobenzene	13.712	146	414732	52.877	ug/l	99
88) 1,4-Dichlorobenzene	13.788	146	430578	53.418	ug/l	97
89) n-Butylbenzene	14.035	91	718201	55.337	ug/l	99
90) Hexachloroethane	14.312	117	148145	51.641	ug/l	99
91) 1,2-Dichlorobenzene	14.082	146	408389	54.018	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.694	75	64838	51.268	ug/l	96
93) 1,2,4-Trichlorobenzene	15.365	180	243365	54.519	ug/l	98
94) Hexachlorobutadiene	15.476	225	87738	53.402	ug/l	100
95) Naphthalene	15.612	128	802609	56.013	ug/l	99
96) 1,2,3-Trichlorobenzene	15.812	180	236254	54.441	ug/l	99

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Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ICVVN092325

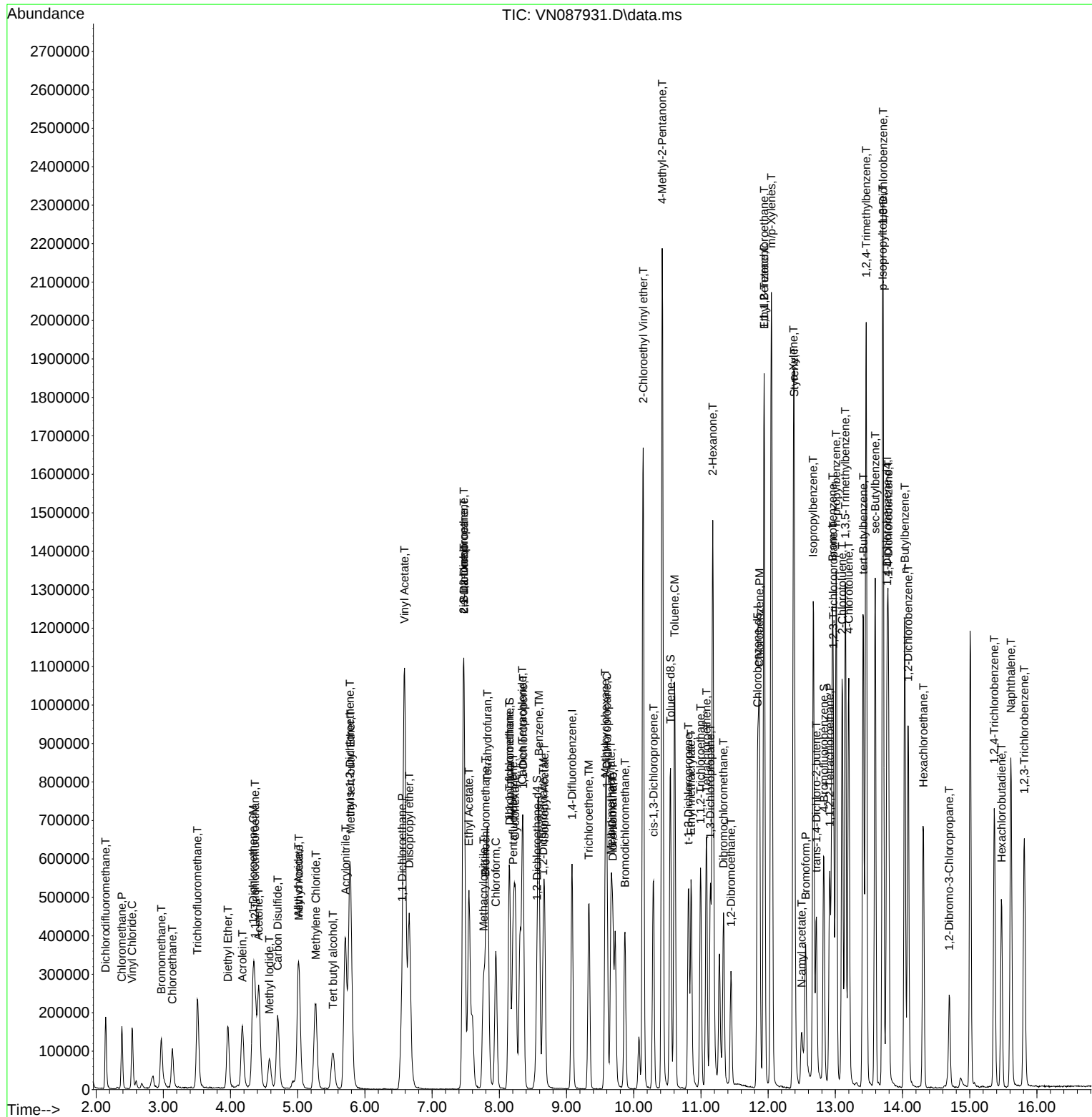
Manual Integrations

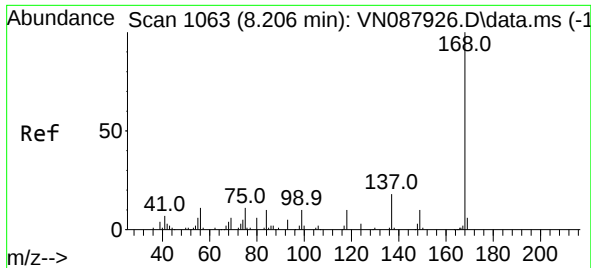
APPROVED

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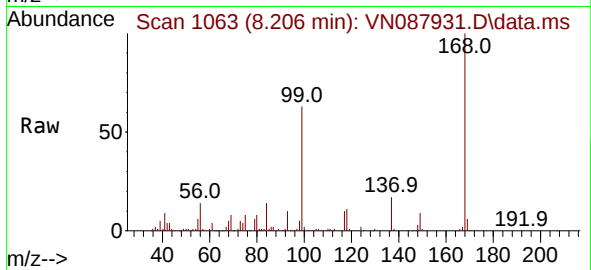
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VN087931.D
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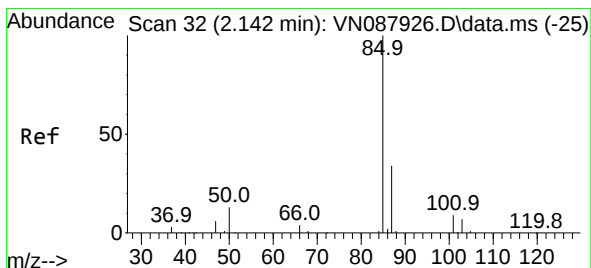
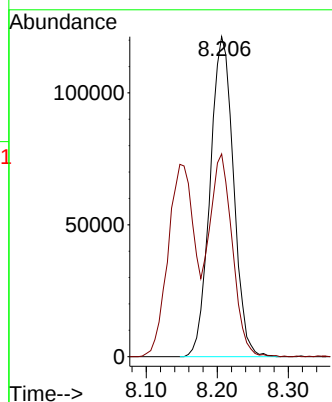
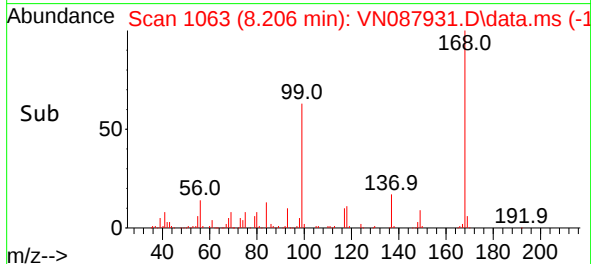
Instrument :
MSVOA_N
ClientSampleId :
ICVVN092325



Tgt Ion:168 Resp: 277018
Ion Ratio Lower Upper
168 100
99 63.3 52.2 78.2

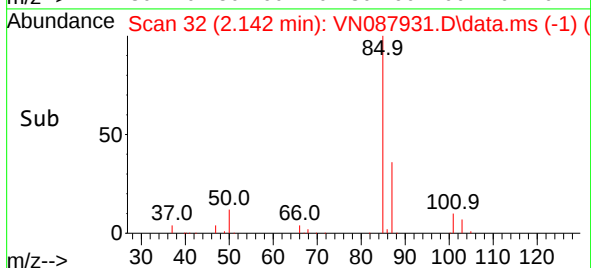
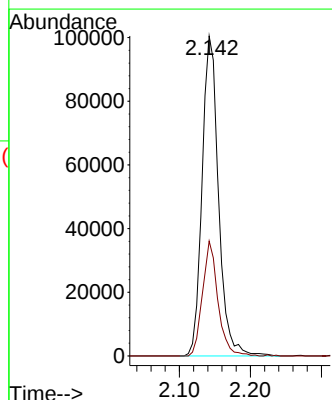
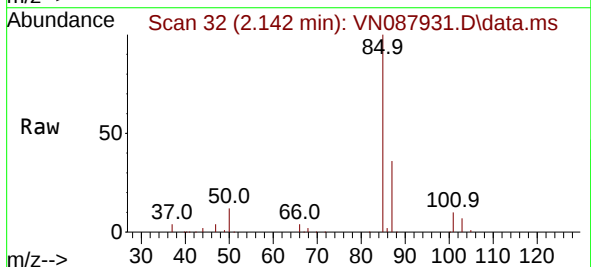
Manual Integrations
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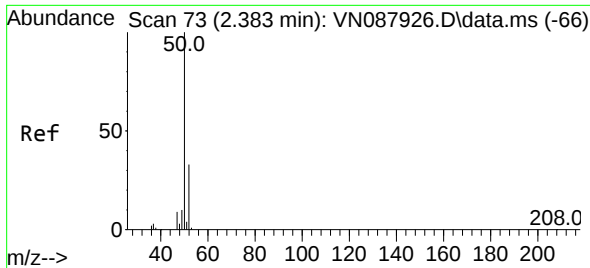
Reviewed By :John Carlone 09/24/2025
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#2
Dichlorodifluoromethane
Concen: 50.496 ug/l
RT: 2.142 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN087931.D
Acq: 23 Sep 2025 15:08

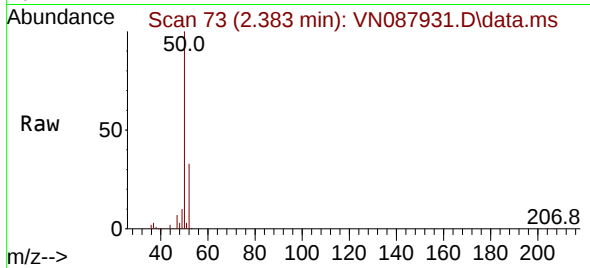
Tgt Ion: 85 Resp: 161997
Ion Ratio Lower Upper
85 100
87 35.9 16.9 50.6





#3
Chloromethane
Concen: 48.962 ug/l
RT: 2.383 min Scan# 73
Delta R.T. 0.000 min
Lab File: VN087931.D
Acq: 23 Sep 2025 15:08

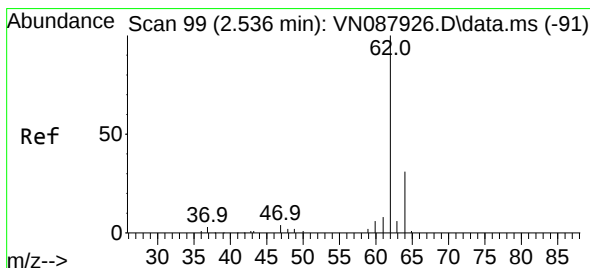
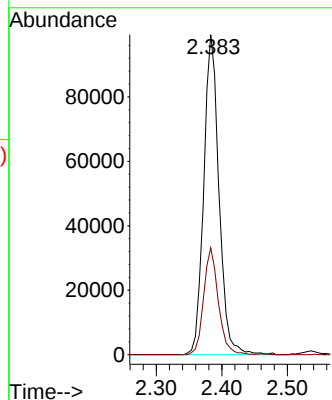
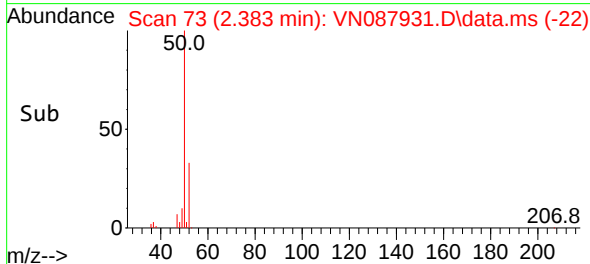
Instrument :
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Tgt Ion: 50 Resp: 160833
Ion Ratio Lower Upper
50 100
52 33.4 26.6 40.0

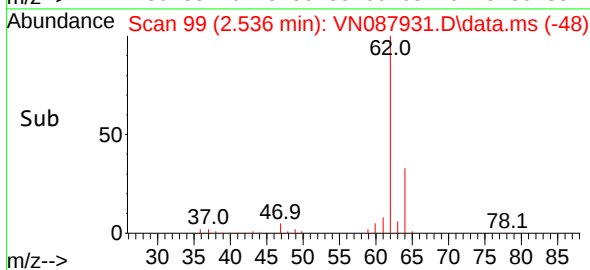
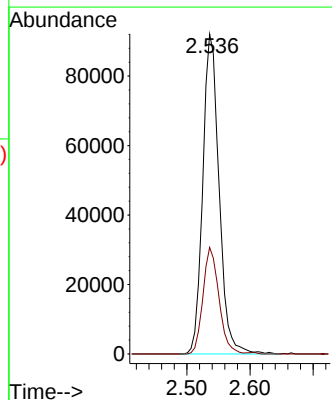
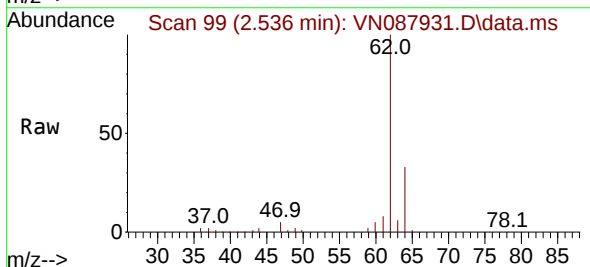
Manual Integrations
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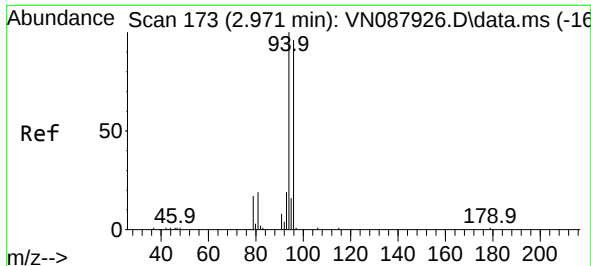
Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025



#4
Vinyl Chloride
Concen: 49.253 ug/l
RT: 2.536 min Scan# 99
Delta R.T. 0.000 min
Lab File: VN087931.D
Acq: 23 Sep 2025 15:08

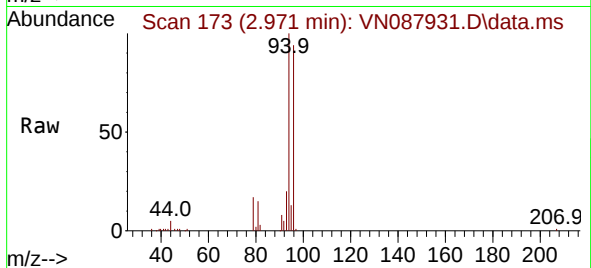
Tgt Ion: 62 Resp: 165059
Ion Ratio Lower Upper
62 100
64 33.3 25.2 37.8





#5
Bromomethane
Concen: 54.504 ug/l
RT: 2.971 min Scan# 113238
Delta R.T. 0.000 min
Lab File: VN087931.D
Acq: 23 Sep 2025 15:08

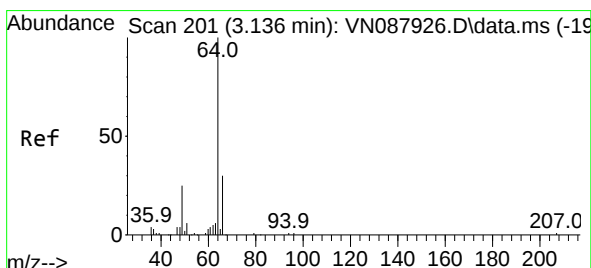
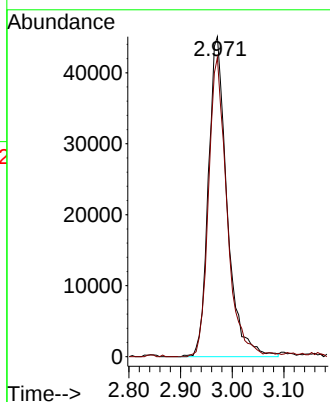
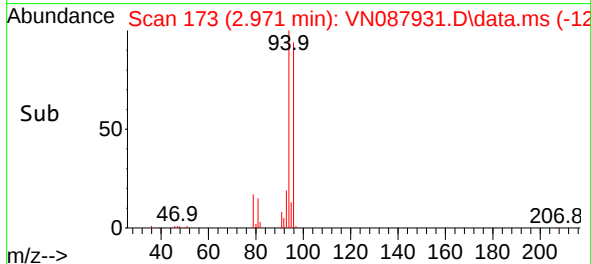
Instrument :
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Tgt Ion: 94 Resp: 113238
Ion Ratio Lower Upper
94 100
96 93.5 76.8 115.2

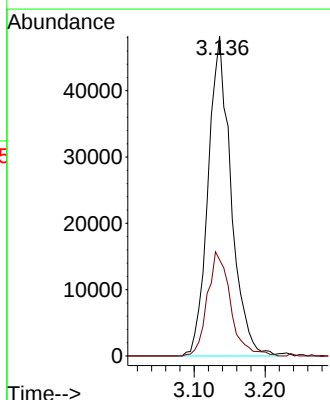
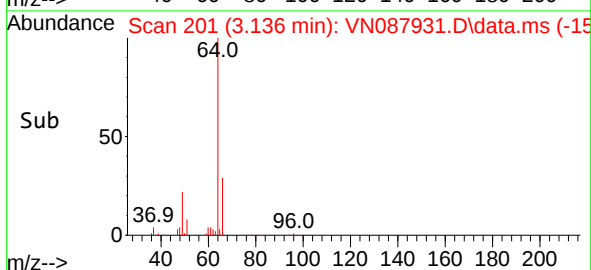
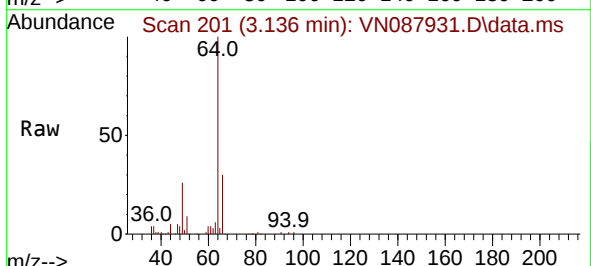
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#6
Chloroethane
Concen: 49.650 ug/l
RT: 3.136 min Scan# 201
Delta R.T. 0.000 min
Lab File: VN087931.D
Acq: 23 Sep 2025 15:08

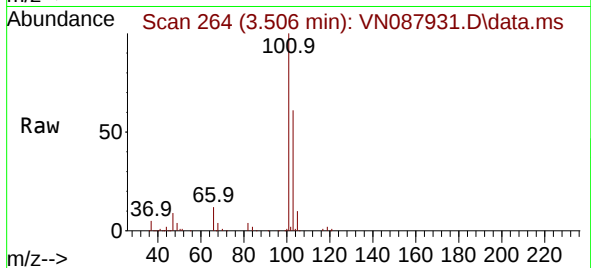
Tgt Ion: 64 Resp: 108186
Ion Ratio Lower Upper
64 100
66 30.0 23.8 35.8





#7
Trichlorofluoromethane
Concen: 48.650 ug/l
RT: 3.506 min Scan# 265
Delta R.T. -0.006 min
Lab File: VN087931.D
Acq: 23 Sep 2025 15:08

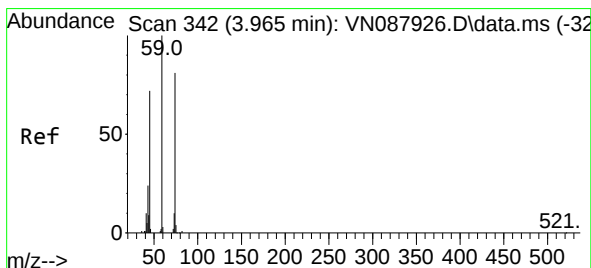
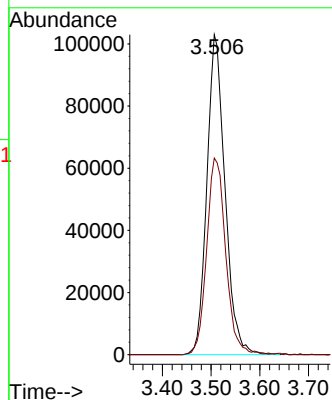
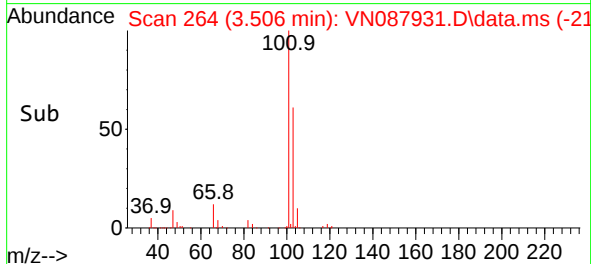
Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:101 Resp: 26545
Ion Ratio Lower Upper
101 100
103 61.4 50.2 75.4

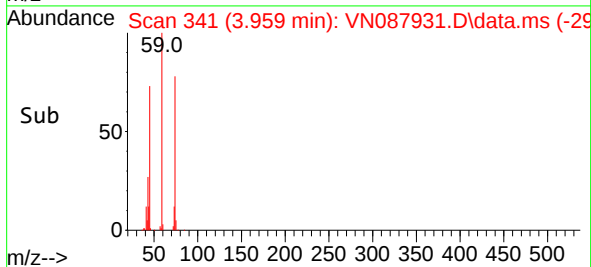
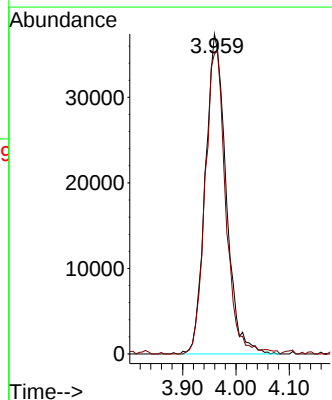
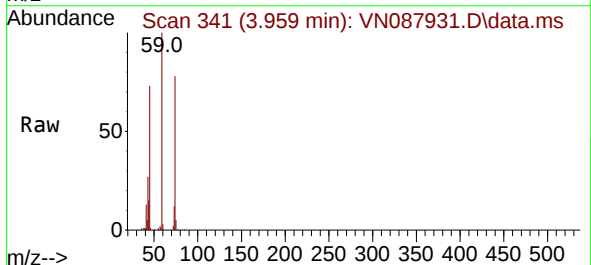
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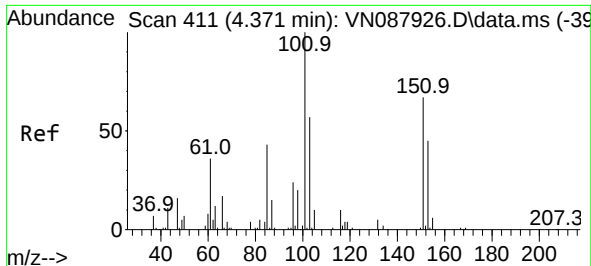
Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025



#8
Diethyl Ether
Concen: 49.015 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.006 min
Lab File: VN087931.D
Acq: 23 Sep 2025 15:08

Tgt Ion: 74 Resp: 101038
Ion Ratio Lower Upper
74 100
45 93.9 45.4 136.1





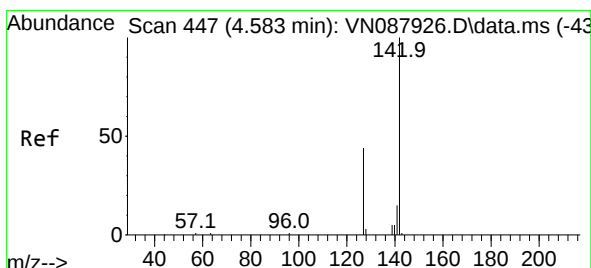
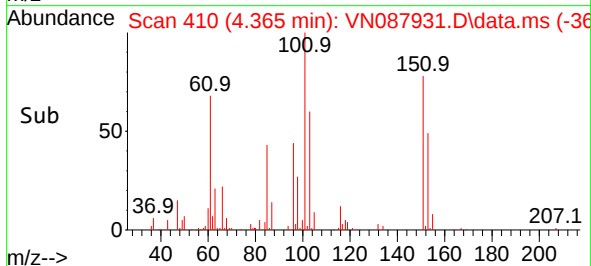
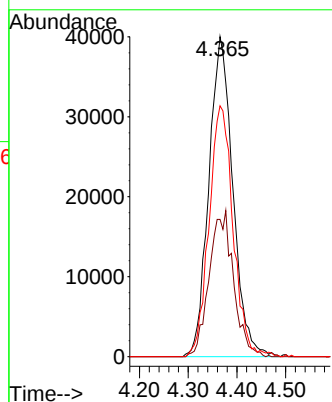
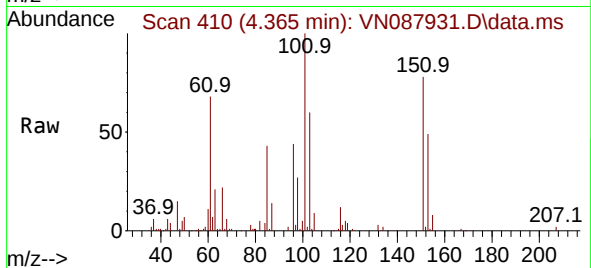
#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.535 ug/l
RT: 4.365 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN087931.D
Acq: 23 Sep 2025 15:08

Instrument :
MSVOA_N
ClientSampleId :
ICVVN092325

Tgt Ion:101 Resp: 137085
Ion Ratio Lower Upper
101 100
85 46.0 36.5 54.7
151 78.6 58.6 87.8

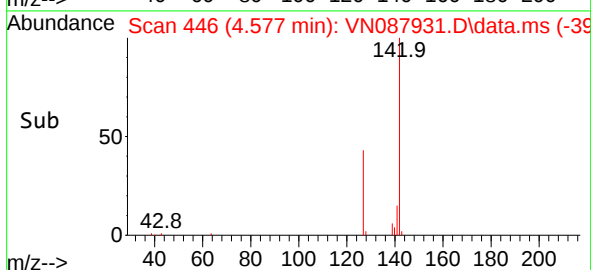
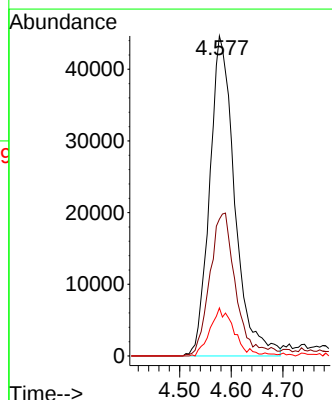
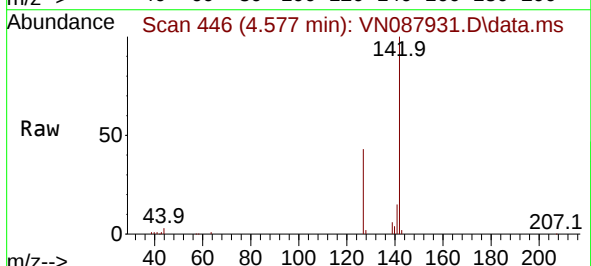
Manual Integrations
APPROVED

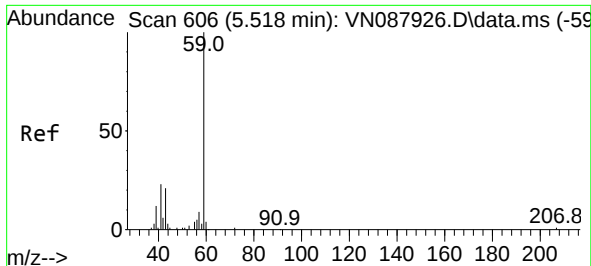
Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025



#10
Methyl Iodide
Concen: 58.041 ug/l
RT: 4.577 min Scan# 446
Delta R.T. -0.006 min
Lab File: VN087931.D
Acq: 23 Sep 2025 15:08

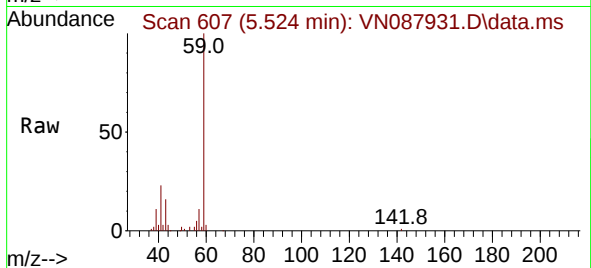
Tgt Ion:142 Resp: 150647
Ion Ratio Lower Upper
142 100
127 42.8 35.3 52.9
141 15.0 11.8 17.8





#11
Tert butyl alcohol
Concen: 270.566 ug/l
RT: 5.524 min Scan# 606
Delta R.T. 0.006 min
Lab File: VN087931.D
Acq: 23 Sep 2025 15:08

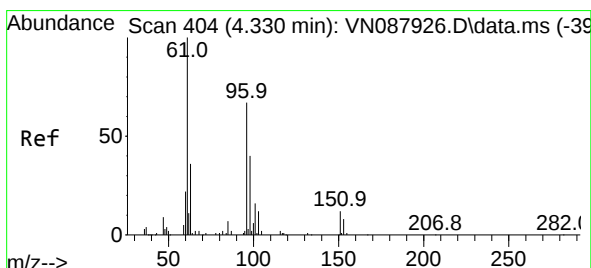
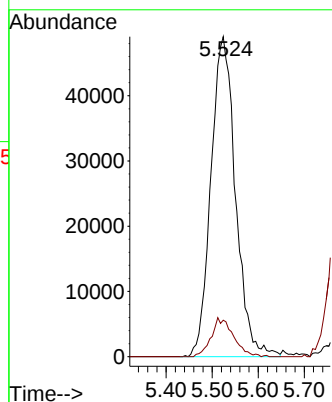
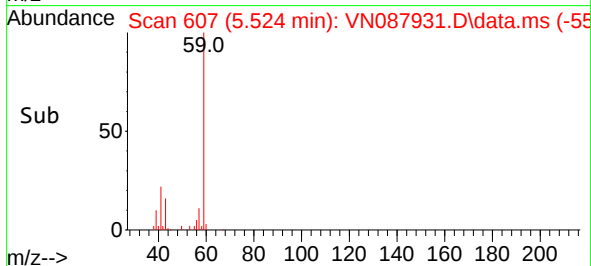
Instrument :
MSVOA_N
ClientSampleId :
ICVVN092325



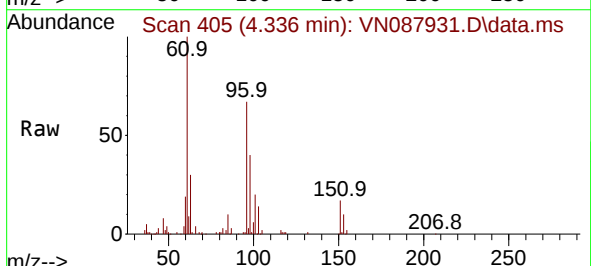
Tgt Ion: 59 Resp: 18168
Ion Ratio Lower Upper
59 100
57 11.0 8.8 13.2

Manual Integrations
APPROVED

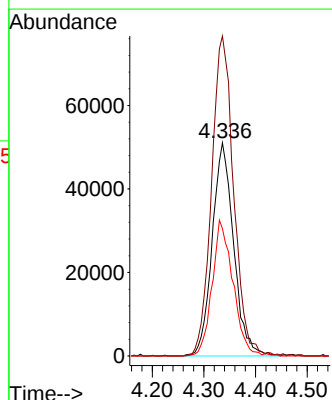
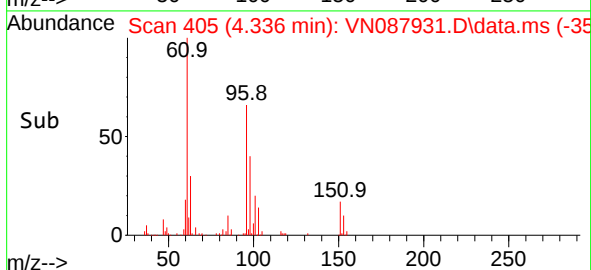
Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025

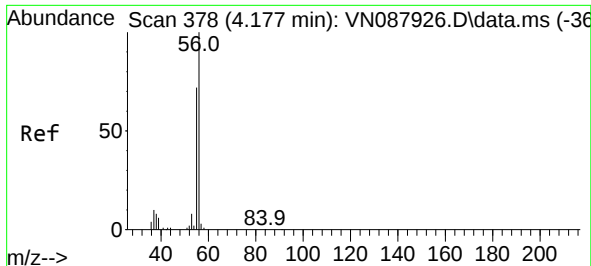


#12
1,1-Dichloroethene
Concen: 50.568 ug/l
RT: 4.336 min Scan# 405
Delta R.T. 0.006 min
Lab File: VN087931.D
Acq: 23 Sep 2025 15:08



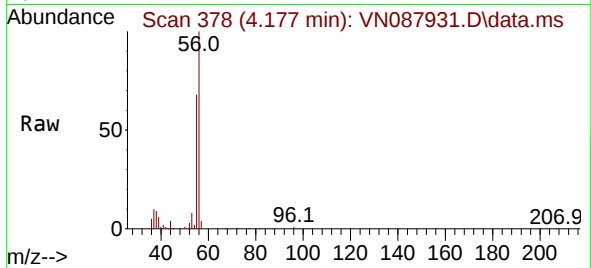
Tgt Ion: 96 Resp: 147146
Ion Ratio Lower Upper
96 100
61 150.2 119.2 178.8
98 59.8 47.5 71.3





#13
Acrolein
Concen: 247.902 ug/l
RT: 4.177 min Scan# 378
Delta R.T. 0.000 min
Lab File: VN087931.D
Acq: 23 Sep 2025 15:08

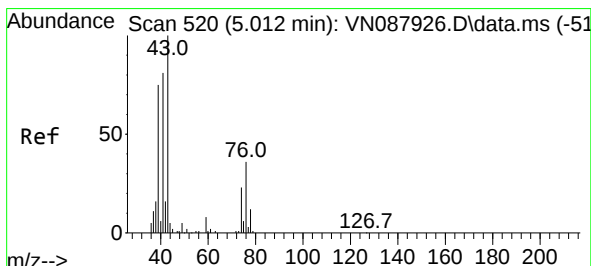
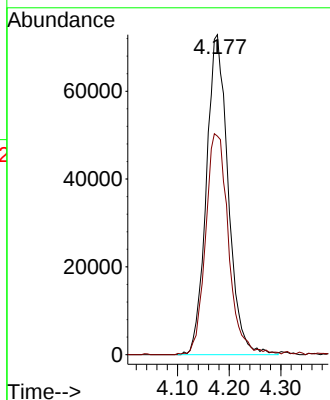
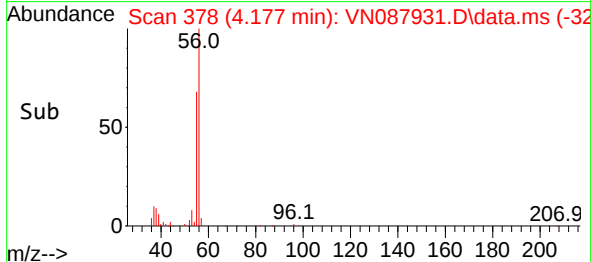
Instrument :
MSVOA_N
ClientSampleId :
ICVVN092325



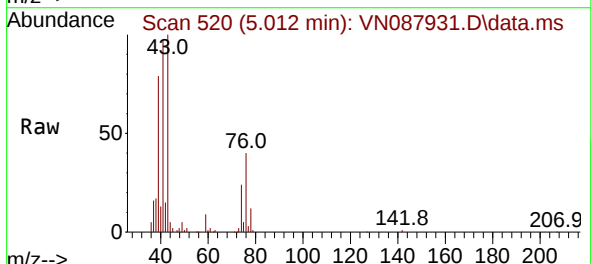
Tgt Ion: 56 Resp: 213590
Ion Ratio Lower Upper
56 100
55 72.8 59.3 88.9

Manual Integrations
APPROVED

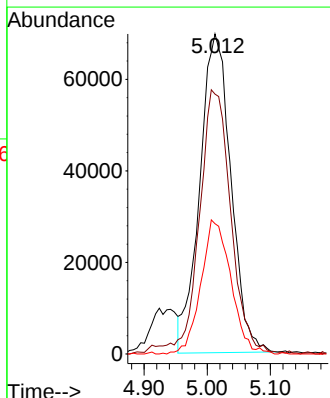
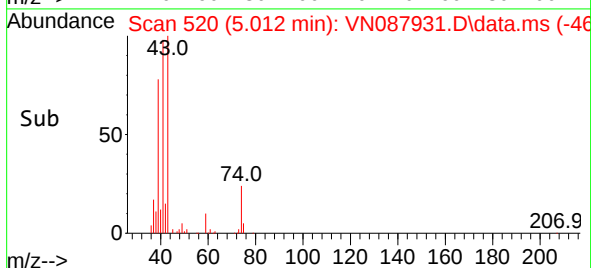
Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025

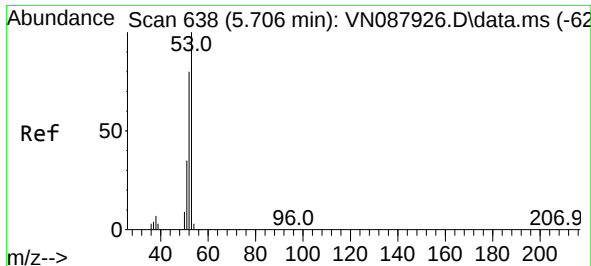


#14
Allyl chloride
Concen: 50.343 ug/l
RT: 5.012 min Scan# 520
Delta R.T. 0.000 min
Lab File: VN087931.D
Acq: 23 Sep 2025 15:08



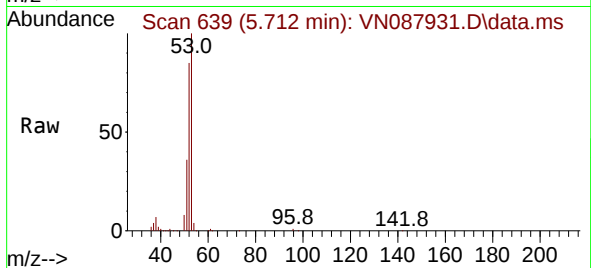
Tgt Ion: 41 Resp: 238489
Ion Ratio Lower Upper
41 100
39 84.8 63.8 95.8
76 40.5 33.0 49.6





#15
Acrylonitrile
Concen: 250.533 ug/l
RT: 5.712 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN087931.D
Acq: 23 Sep 2025 15:08

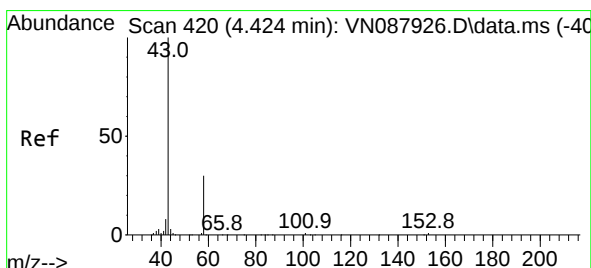
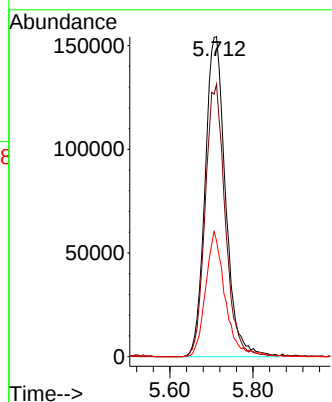
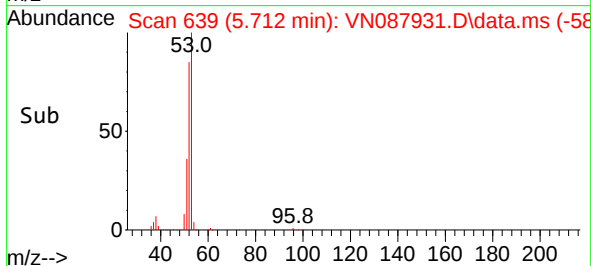
Instrument :
MSVOA_N
ClientSampleId :
ICVVN092325



Tgt Ion: 53 Resp: 527698
Ion Ratio Lower Upper
53 100
52 83.5 66.6 99.8
51 37.5 29.0 43.4

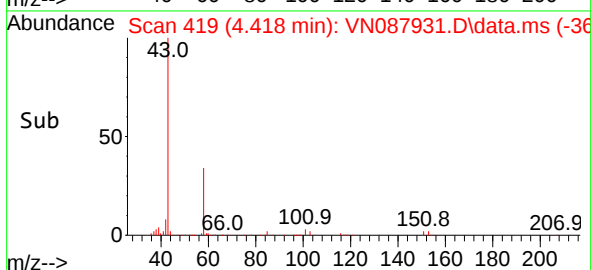
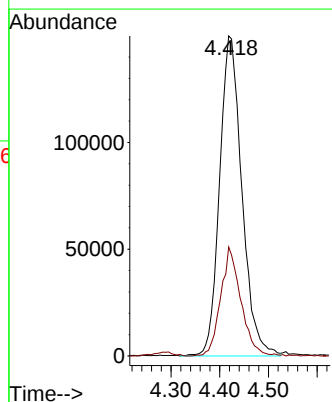
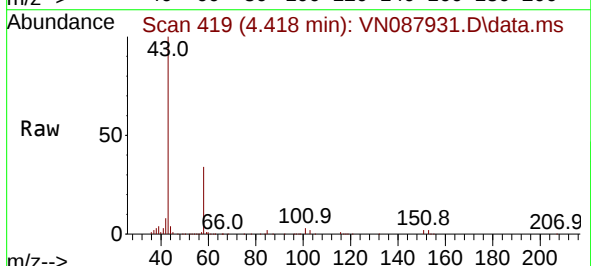
Manual Integrations
APPROVED

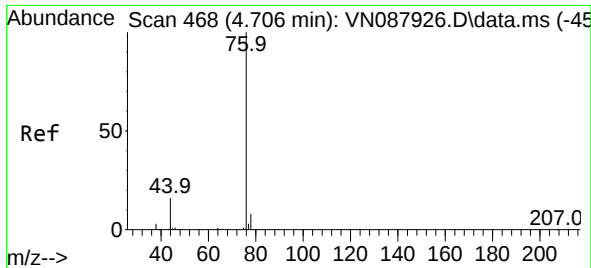
Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025



#16
Acetone
Concen: 248.497 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN087931.D
Acq: 23 Sep 2025 15:08

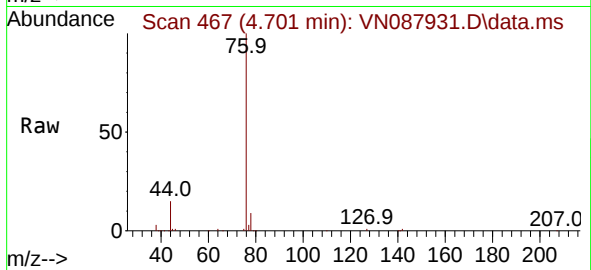
Tgt Ion: 43 Resp: 476656
Ion Ratio Lower Upper
43 100
58 33.8 24.1 36.1





#17
Carbon Disulfide
Concen: 48.521 ug/l
RT: 4.701 min Scan# 467
Delta R.T. -0.006 min
Lab File: VN087931.D
Acq: 23 Sep 2025 15:08

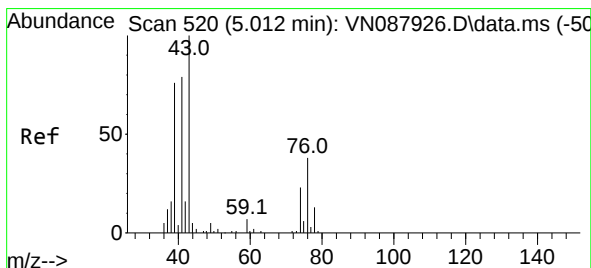
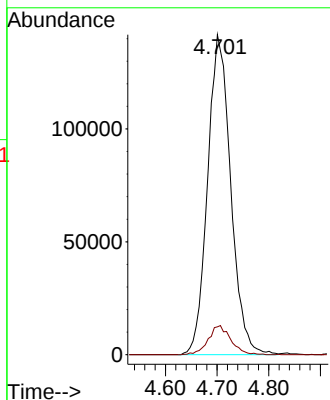
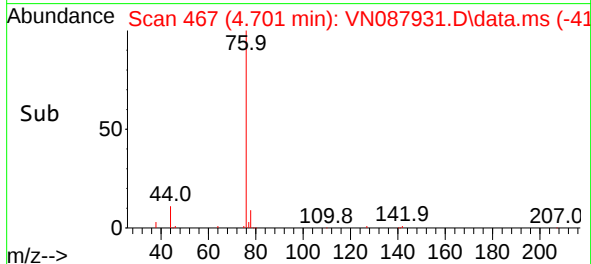
Instrument :
MSVOA_N
ClientSampleId :
ICVVN092325



Tgt Ion: 76 Resp: 44113
Ion Ratio Lower Upper
76 100
78 8.7 6.7 10.1

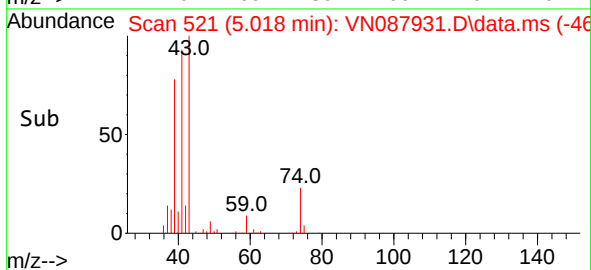
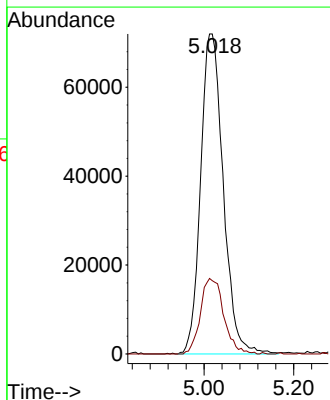
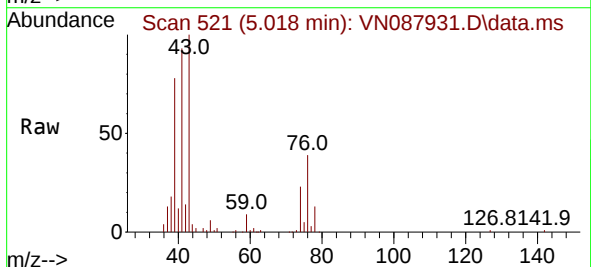
Manual Integrations
APPROVED

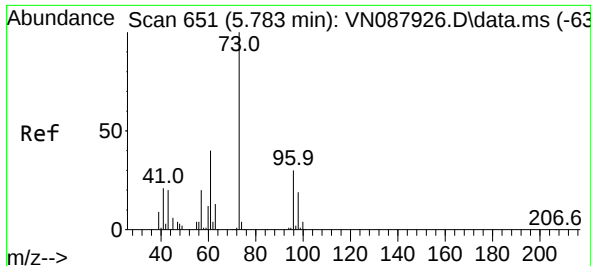
Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025



#18
Methyl Acetate
Concen: 52.501 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.006 min
Lab File: VN087931.D
Acq: 23 Sep 2025 15:08

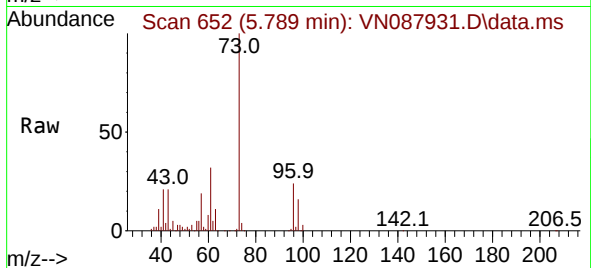
Tgt Ion: 43 Resp: 252027
Ion Ratio Lower Upper
43 100
74 24.3 19.7 29.5





#19
Methyl tert-butyl Ether
Concen: 52.201 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN087931.D
Acq: 23 Sep 2025 15:08

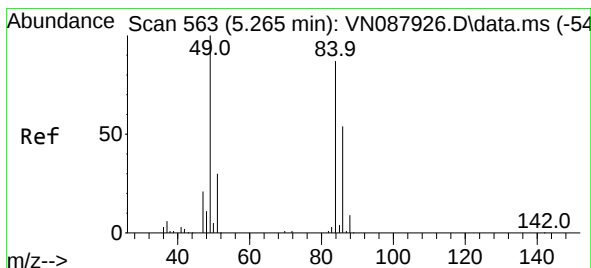
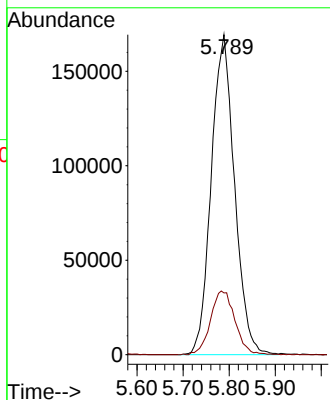
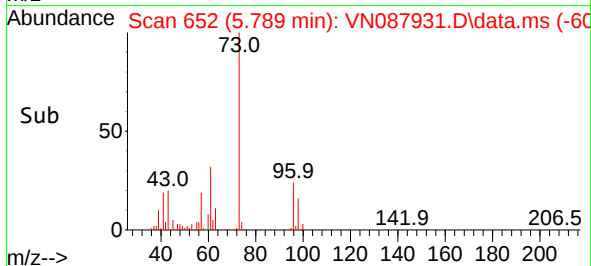
Instrument :
MSVOA_N
ClientSampleId :
ICVVN092325



Tgt Ion: 73 Resp: 593372
Ion Ratio Lower Upper
73 100
57 19.3 16.3 24.5

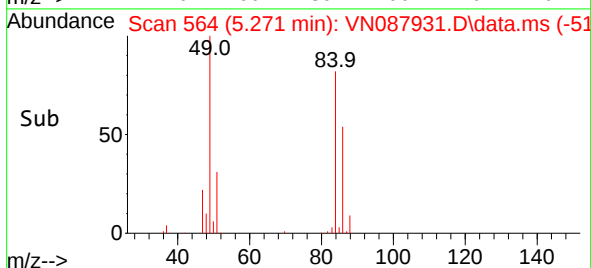
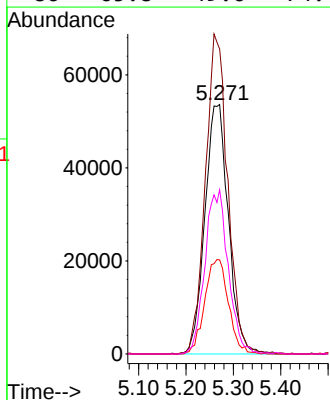
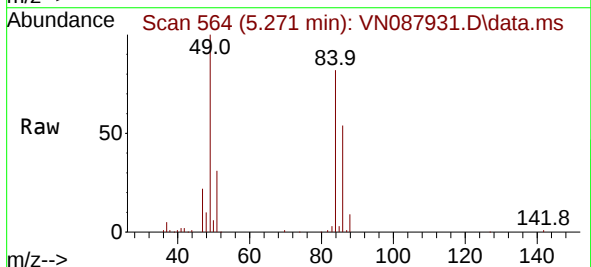
Manual Integrations
APPROVED

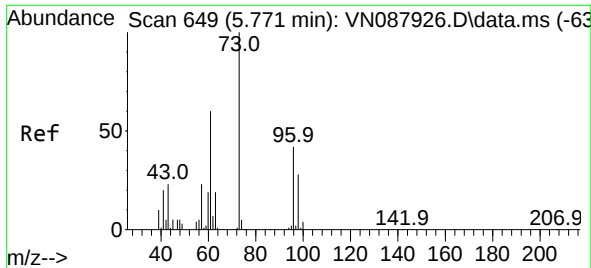
Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025



#20
Methylene Chloride
Concen: 47.732 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.006 min
Lab File: VN087931.D
Acq: 23 Sep 2025 15:08

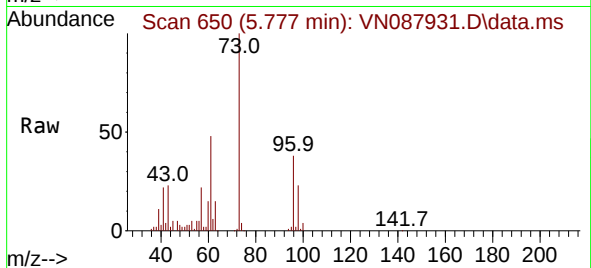
Tgt Ion: 84 Resp: 185323
Ion Ratio Lower Upper
84 100
49 122.2 92.1 138.1
51 37.7 27.7 41.5
86 65.8 49.6 74.4





#21
trans-1,2-Dichloroethene
Concen: 49.395 ug/l
RT: 5.777 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN087931.D
Acq: 23 Sep 2025 15:08

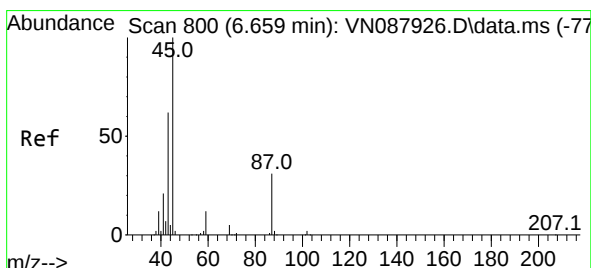
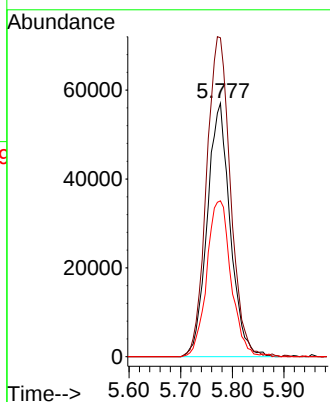
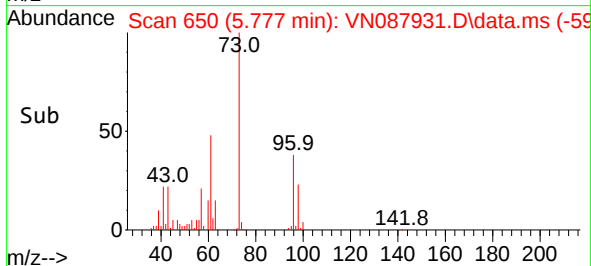
Instrument :
MSVOA_N
ClientSampleId :
ICVVN092325



Tgt Ion: 96 Resp: 17620
Ion Ratio Lower Upper
96 100
61 125.8 114.4 171.6
98 61.5 53.6 80.4

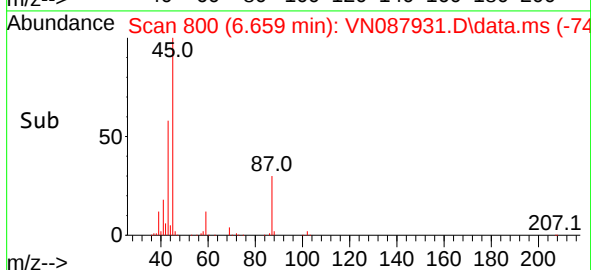
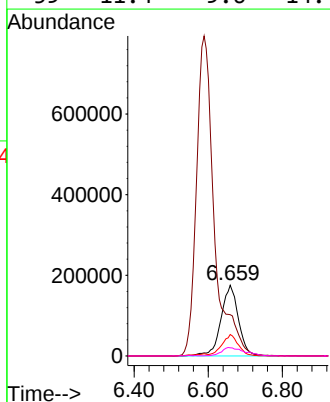
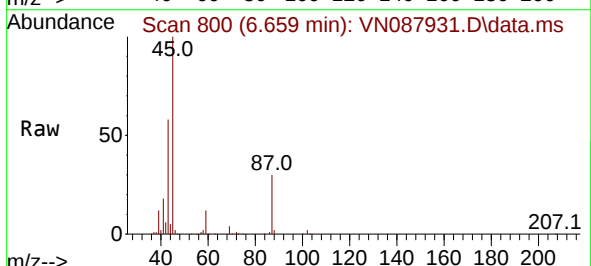
Manual Integrations
APPROVED

Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025



#22
Diisopropyl ether
Concen: 51.790 ug/l
RT: 6.659 min Scan# 800
Delta R.T. 0.000 min
Lab File: VN087931.D
Acq: 23 Sep 2025 15:08

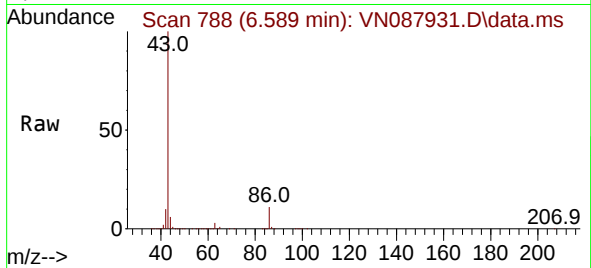
Tgt Ion: 45 Resp: 572737
Ion Ratio Lower Upper
45 100
43 58.1 49.9 74.9
87 30.4 25.2 37.8
59 11.4 9.6 14.4





#23
 Vinyl Acetate
 Concen: 259.965 ug/l m
 RT: 6.589 min Scan# 788
 Delta R.T. 0.000 min
 Lab File: VN087931.D
 Acq: 23 Sep 2025 15:08

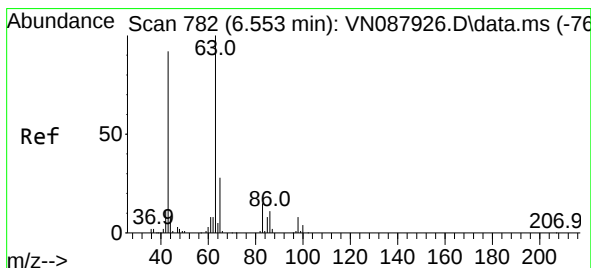
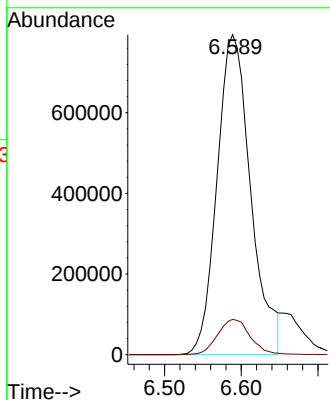
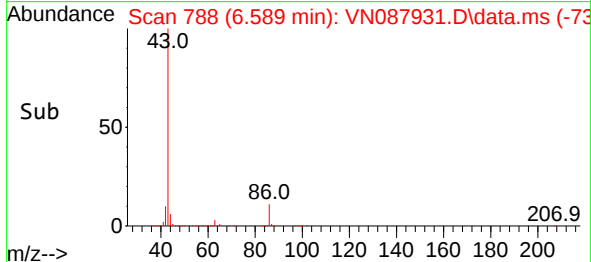
Instrument :
 MSVOA_N
 ClientSampleId :
 ICSVN092325



Tgt Ion: 43 Resp: 2420654
 Ion Ratio Lower Upper
 43 100
 86 11.1 8.6 12.8

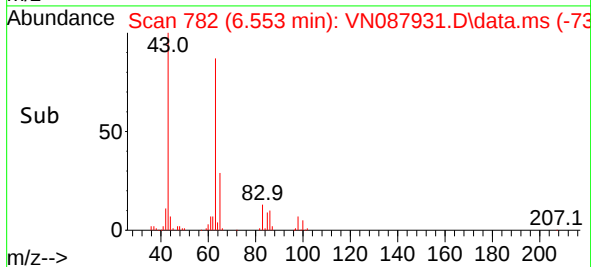
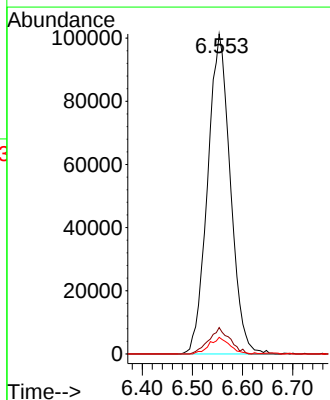
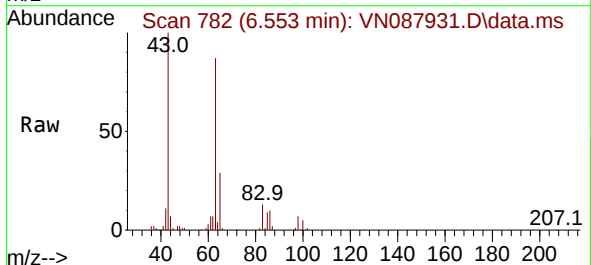
Manual Integrations
 APPROVED

Reviewed By :John Carlone 09/24/2025
 Supervised By :Mahesh Dadoda 09/26/2025



#24
 1,1-Dichloroethane
 Concen: 49.382 ug/l
 RT: 6.553 min Scan# 782
 Delta R.T. 0.000 min
 Lab File: VN087931.D
 Acq: 23 Sep 2025 15:08

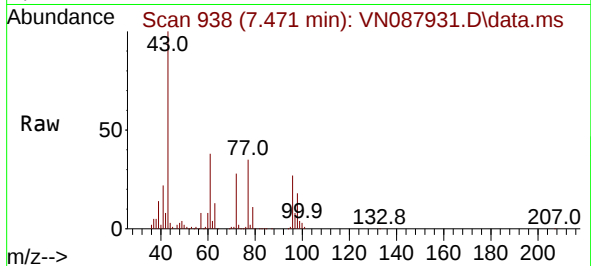
Tgt Ion: 63 Resp: 319051
 Ion Ratio Lower Upper
 63 100
 98 8.3 3.9 11.5
 100 5.2 2.1 6.5





#25
2-Butanone
Concen: 261.219 ug/l
RT: 7.471 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN087931.D
Acq: 23 Sep 2025 15:08

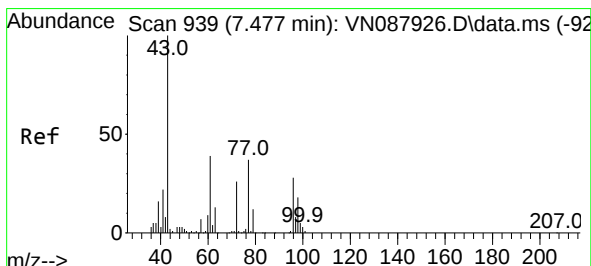
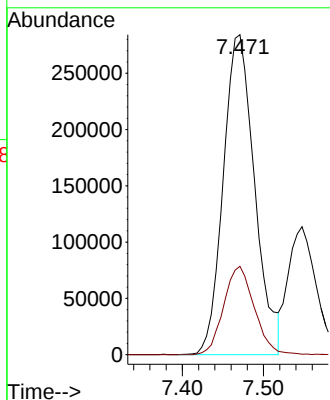
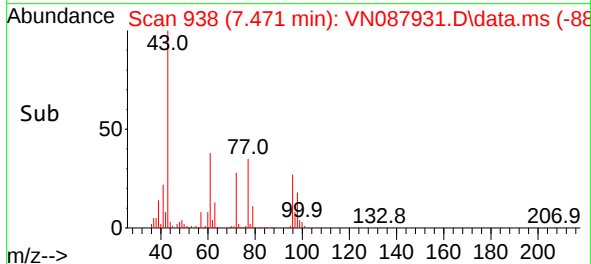
Instrument :
MSVOA_N
ClientSampleId :
ICVVN092325



Tgt Ion: 43 Resp: 765849
Ion Ratio Lower Upper
43 100
72 27.6 21.5 32.3

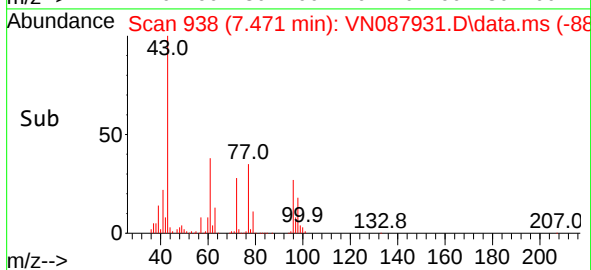
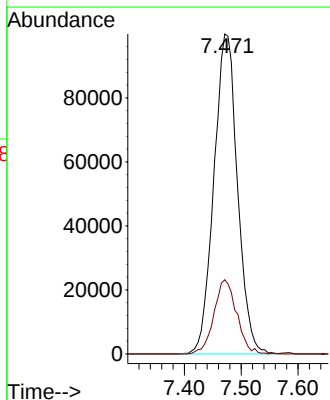
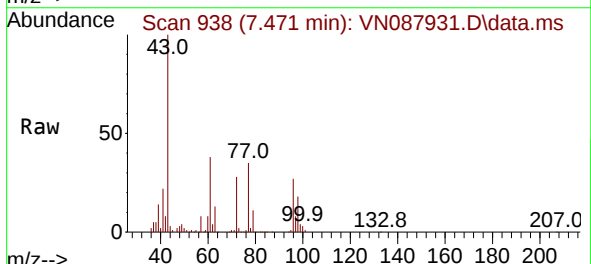
Manual Integrations
APPROVED

Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025



#26
2,2-Dichloropropane
Concen: 50.261 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.006 min
Lab File: VN087931.D
Acq: 23 Sep 2025 15:08

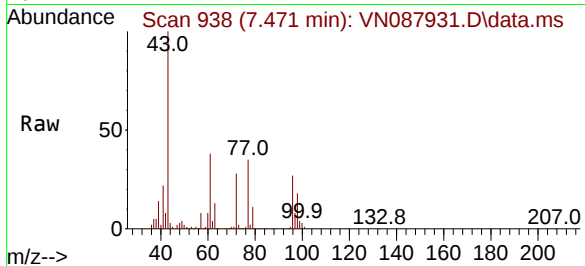
Tgt Ion: 77 Resp: 288518
Ion Ratio Lower Upper
77 100
97 22.4 11.5 34.5





#27
 cis-1,2-Dichloroethene
 Concen: 50.099 ug/l
 RT: 7.471 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VN087931.D
 Acq: 23 Sep 2025 15:08

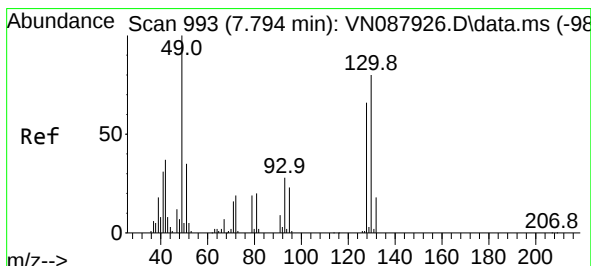
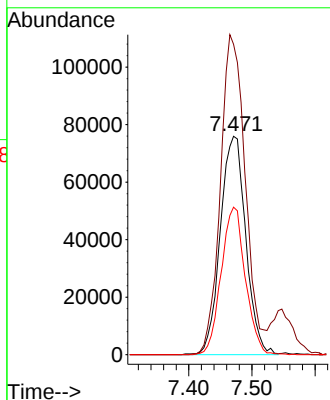
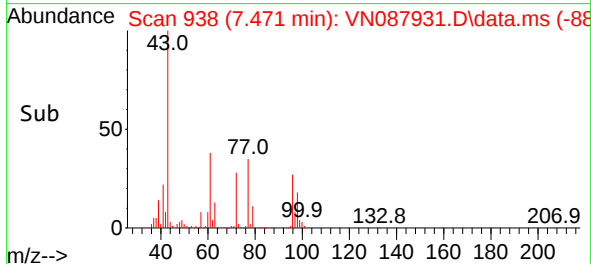
Instrument :
 MSVOA_N
 ClientSampleId :
 ICSVN092325



Tgt Ion: 96 Resp: 212644
 Ion Ratio Lower Upper
 96 100
 61 144.2 0.0 283.0
 98 64.3 0.0 127.6

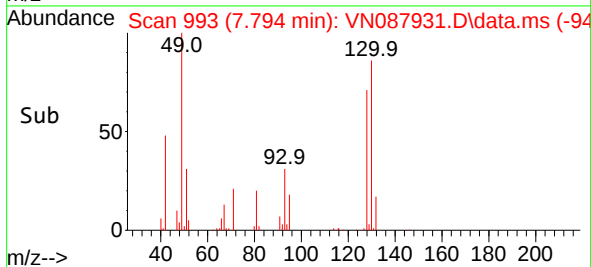
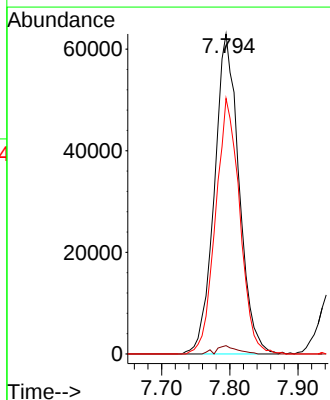
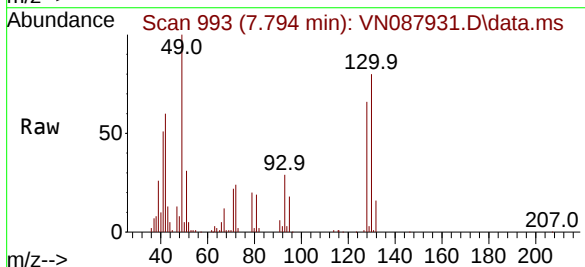
Manual Integrations
 APPROVED

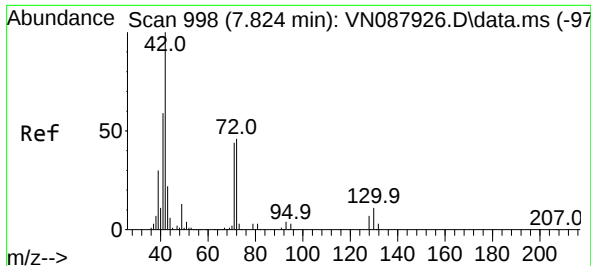
Reviewed By :John Carlone 09/24/2025
 Supervised By :Mahesh Dadoda 09/26/2025



#28
 Bromochloromethane
 Concen: 45.070 ug/l
 RT: 7.794 min Scan# 993
 Delta R.T. 0.000 min
 Lab File: VN087931.D
 Acq: 23 Sep 2025 15:08

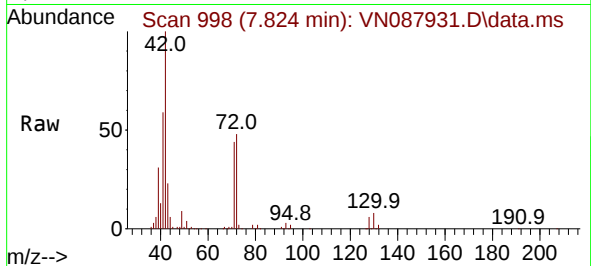
Tgt Ion: 49 Resp: 158210
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 5.4
 130 78.4 62.6 94.0





#29
Tetrahydrofuran
Concen: 256.481 ug/l
RT: 7.824 min Scan# 998
Delta R.T. 0.000 min
Lab File: VN087931.D
Acq: 23 Sep 2025 15:08

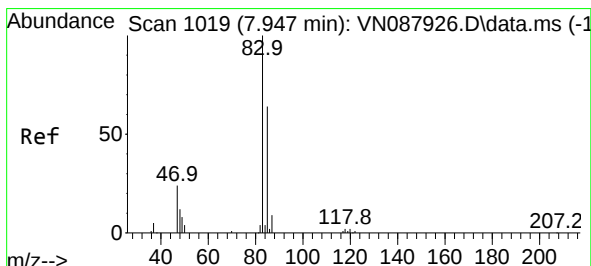
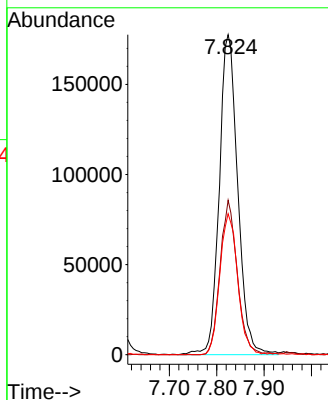
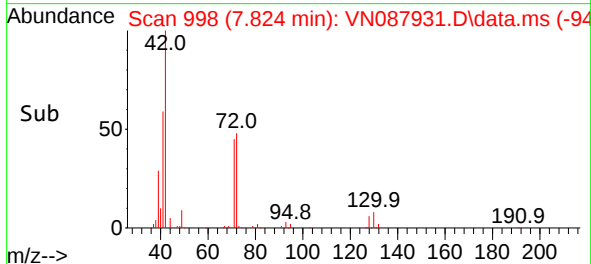
Instrument :
MSVOA_N
ClientSampleId :
ICVVN092325



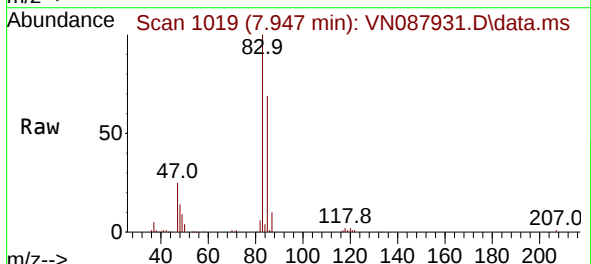
Tgt Ion: 42 Resp: 481488
Ion Ratio Lower Upper
42 100
72 44.9 36.5 54.7
71 42.8 33.8 50.8

Manual Integrations
APPROVED

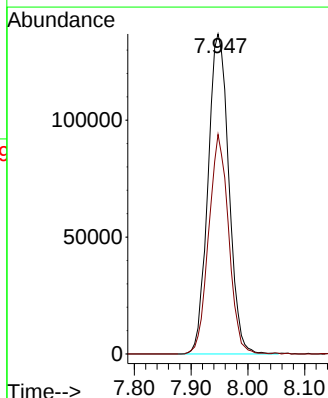
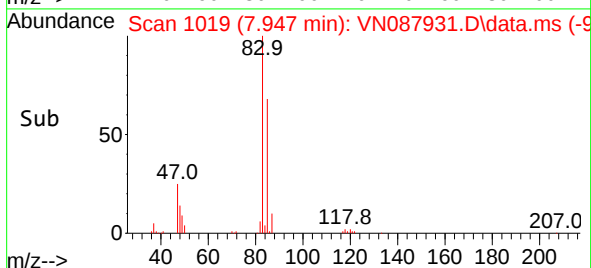
Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025

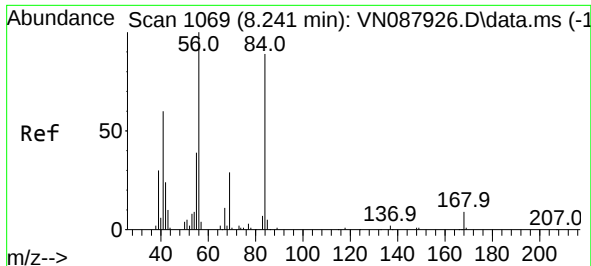


#30
Chloroform
Concen: 49.224 ug/l
RT: 7.947 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VN087931.D
Acq: 23 Sep 2025 15:08



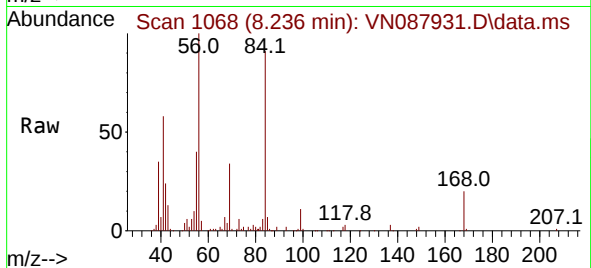
Tgt Ion: 83 Resp: 347740
Ion Ratio Lower Upper
83 100
85 68.6 50.9 76.3





#31
Cyclohexane
Concen: 47.692 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VN087931.D
Acq: 23 Sep 2025 15:08

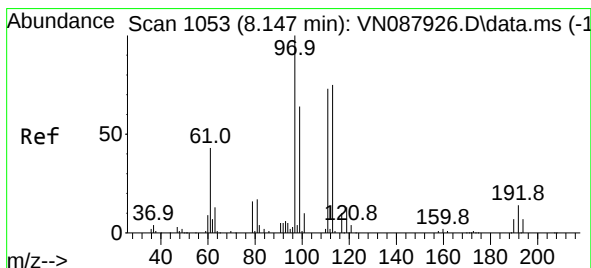
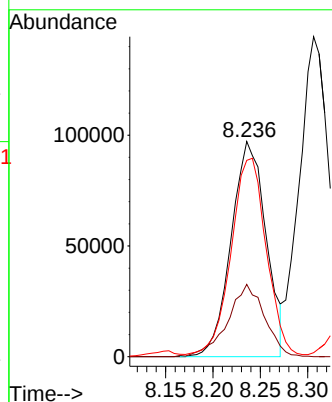
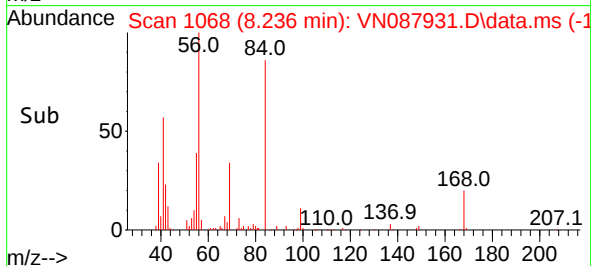
Instrument :
MSVOA_N
ClientSampleId :
ICVVN092325



Tgt Ion: 56 Resp: 24932
Ion Ratio Lower Upper
56 100
69 33.0 23.4 35.0
84 90.1 70.8 106.2

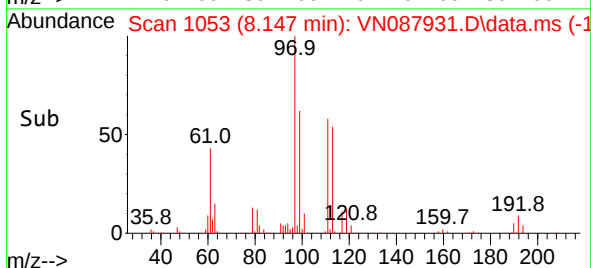
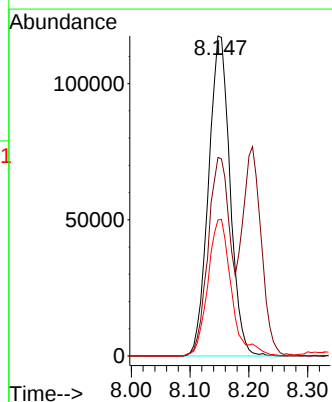
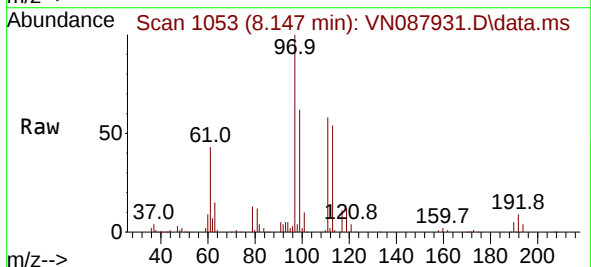
Manual Integrations
APPROVED

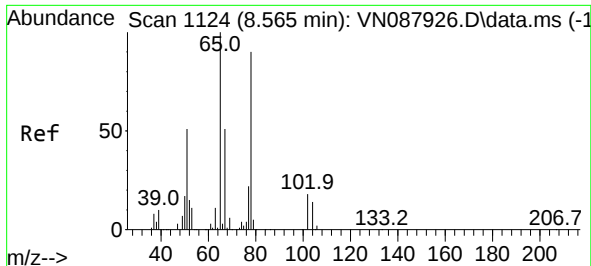
Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025



#32
1,1,1-Trichloroethane
Concen: 50.001 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VN087931.D
Acq: 23 Sep 2025 15:08

Tgt Ion: 97 Resp: 298473
Ion Ratio Lower Upper
97 100
99 63.2 51.1 76.7
61 46.7 38.6 58.0





#33

1,2-Dichloroethane-d4

Concen: 43.678 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. -0.006 min

Lab File: VN087931.D

Acq: 23 Sep 2025 15:08

Instrument :

MSVOA_N

ClientSampleId :

ICVVN092325

Tgt Ion: 65 Resp: 203620

Ion Ratio Lower Upper

65 100

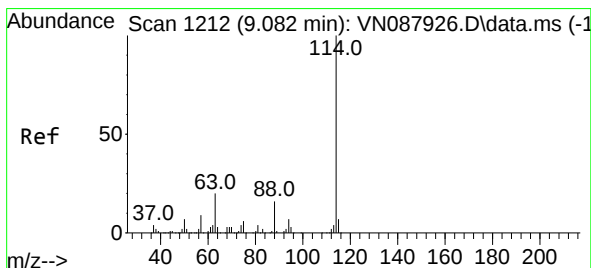
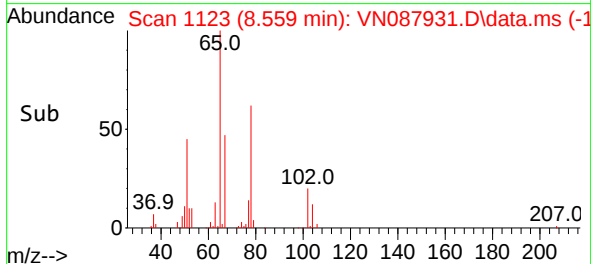
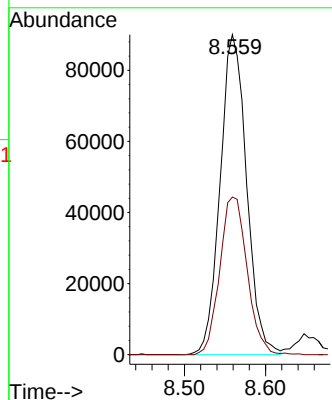
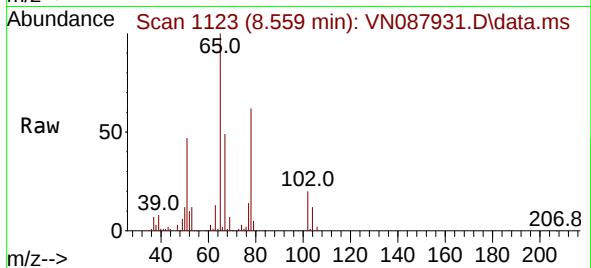
67 51.1 0.0 103.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/24/2025

Supervised By :Mahesh Dadoda 09/26/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.083 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VN087931.D

Acq: 23 Sep 2025 15:08

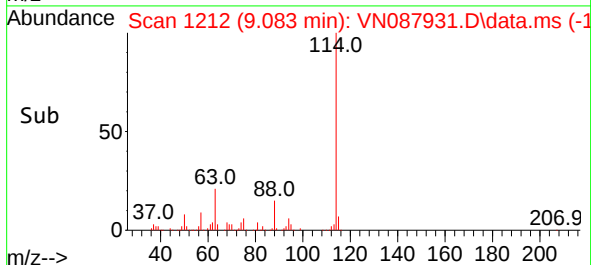
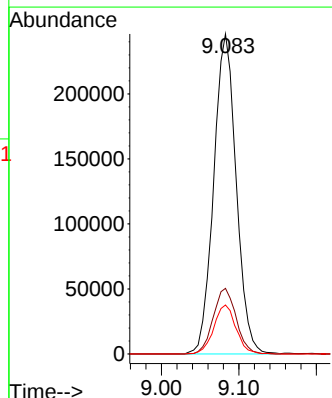
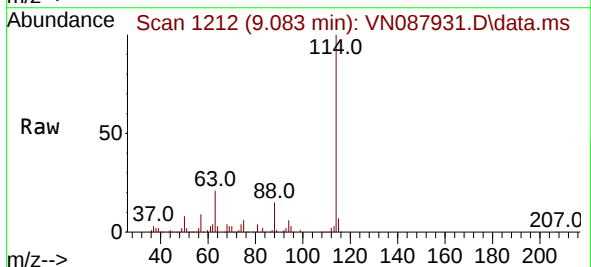
Tgt Ion:114 Resp: 496020

Ion Ratio Lower Upper

114 100

63 20.5 0.0 40.0

88 15.3 0.0 31.8





#35

Dibromofluoromethane

Concen: 43.369 ug/l

RT: 8.153 min Scan# 1054

Delta R.T. 0.006 min

Lab File: VN087931.D

Acq: 23 Sep 2025 15:08

Instrument :

MSVOA_N

ClientSampleId :

ICVVN092325

Tgt Ion:113 Resp: 156190

Ion Ratio Lower Upper

113 100

111 106.9 82.2 123.2

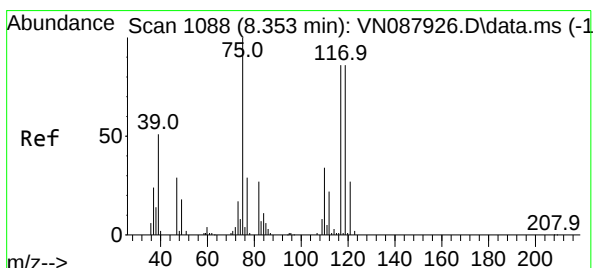
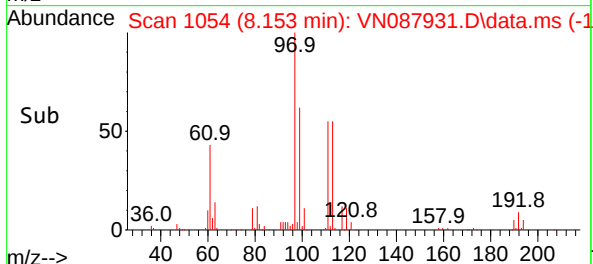
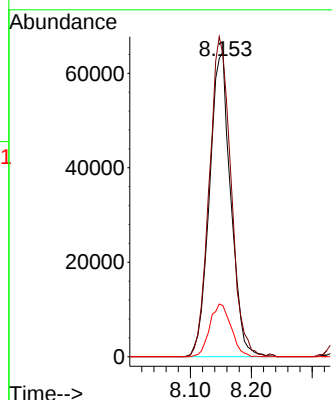
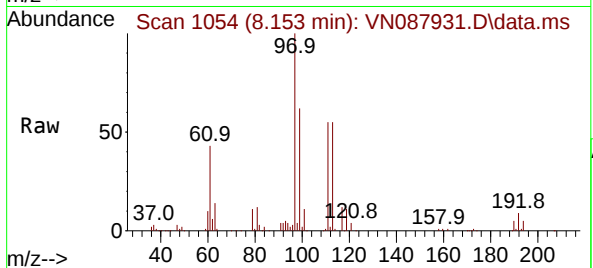
192 17.3 14.2 21.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/24/2025

Supervised By :Mahesh Dadoda 09/26/2025



#36

1,1-Dichloropropene

Concen: 51.628 ug/l

RT: 8.353 min Scan# 1088

Delta R.T. 0.000 min

Lab File: VN087931.D

Acq: 23 Sep 2025 15:08

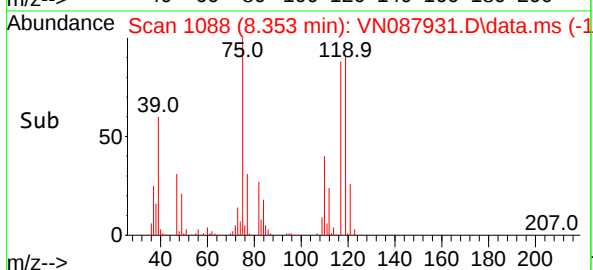
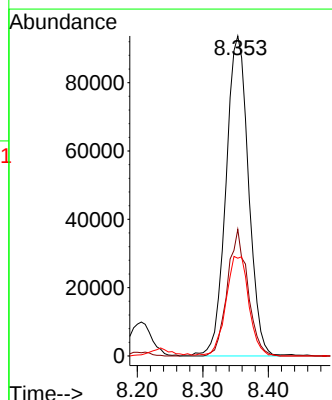
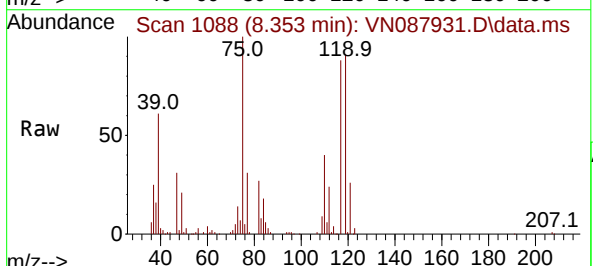
Tgt Ion: 75 Resp: 223572

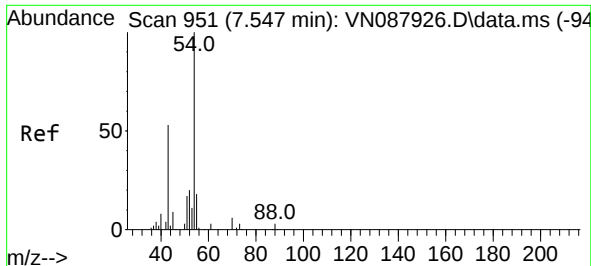
Ion Ratio Lower Upper

75 100

110 35.8 17.1 51.3

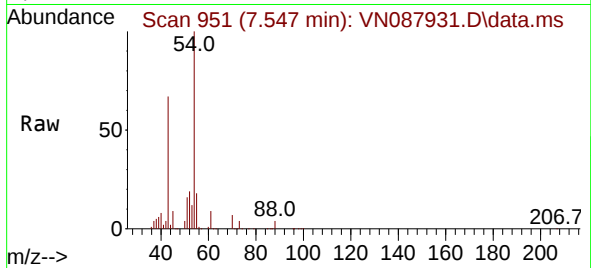
77 31.8 24.8 37.2





#37
Ethyl Acetate
Concen: 49.529 ug/l
RT: 7.547 min Scan# 951
Delta R.T. 0.000 min
Lab File: VN087931.D
Acq: 23 Sep 2025 15:08

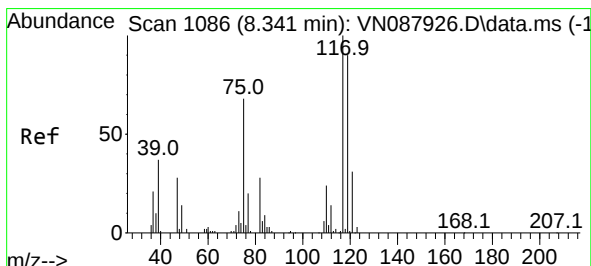
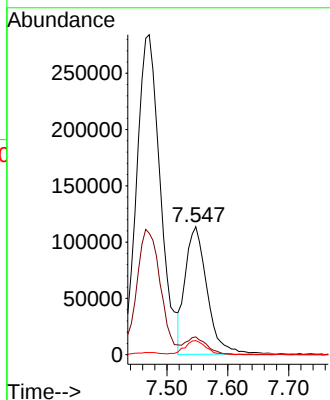
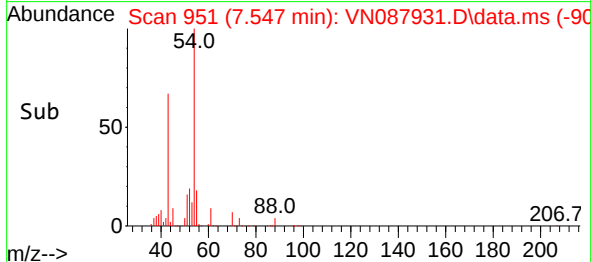
Instrument :
MSVOA_N
ClientSampleId :
ICVVN092325



Tgt Ion: 43 Resp: 281650
Ion Ratio Lower Upper
43 100
61 13.1 10.7 16.1
70 11.0 7.8 11.8

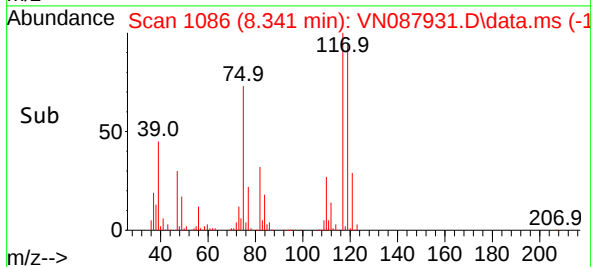
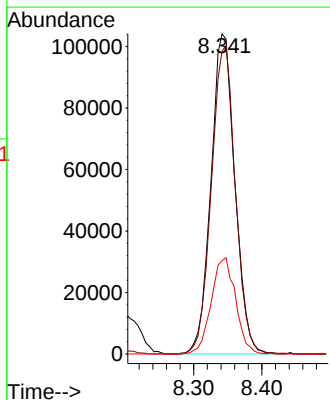
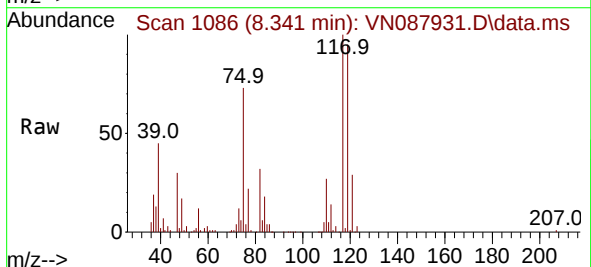
Manual Integrations
APPROVED

Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025



#38
Carbon Tetrachloride
Concen: 51.149 ug/l
RT: 8.341 min Scan# 1086
Delta R.T. 0.000 min
Lab File: VN087931.D
Acq: 23 Sep 2025 15:08

Tgt Ion:117 Resp: 254169
Ion Ratio Lower Upper
117 100
119 94.6 72.1 108.1
121 29.2 24.6 36.8





#39

Methylcyclohexane

Concen: 53.190 ug/l

RT: 9.577 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VN087931.D

Acq: 23 Sep 2025 15:08

Instrument :

MSVOA_N

ClientSampleId :

ICVVN092325

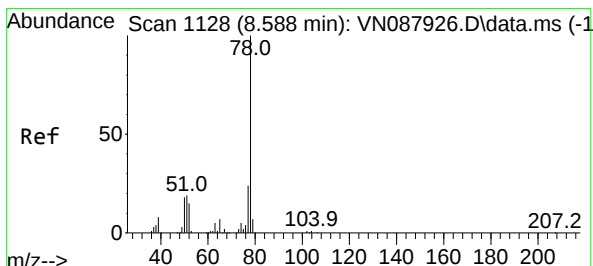
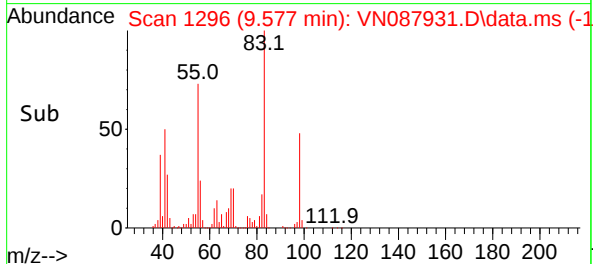
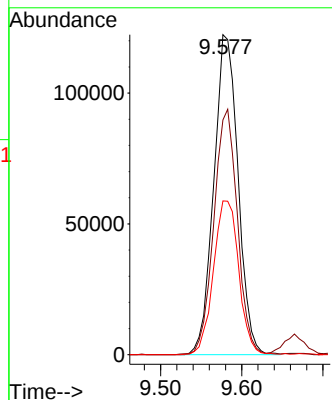
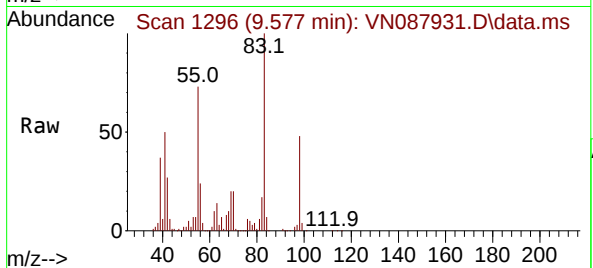
Tgt Ion:	83	Resp:	25409
Ion Ratio	Lower	Upper	
83	100		
55	73.2	59.9	89.9
98	48.0	37.4	56.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/24/2025

Supervised By :Mahesh Dadoda 09/26/2025



#40

Benzene

Concen: 51.160 ug/l

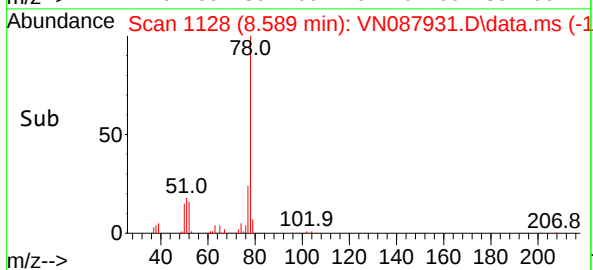
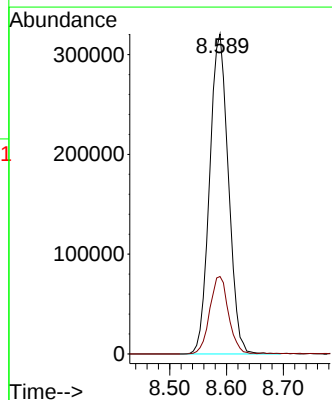
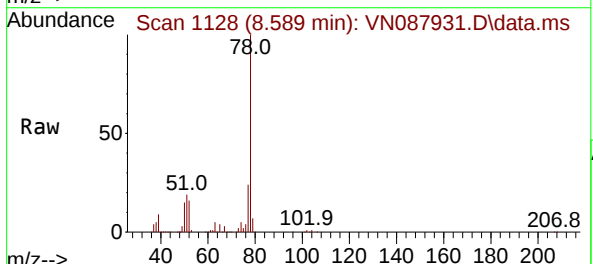
RT: 8.589 min Scan# 1128

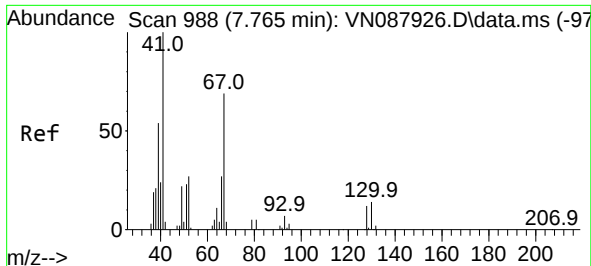
Delta R.T. 0.000 min

Lab File: VN087931.D

Acq: 23 Sep 2025 15:08

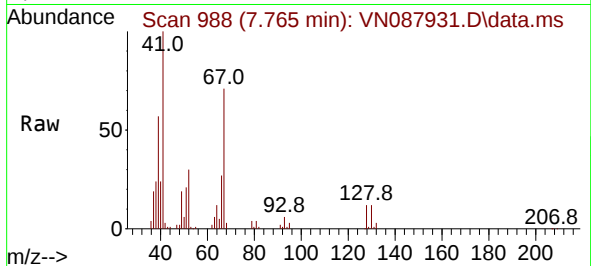
Tgt Ion:	78	Resp:	733552
Ion Ratio	Lower	Upper	
78	100		
77	24.2	19.0	28.6





#41
Methacrylonitrile
Concen: 51.681 ug/l
RT: 7.765 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN087931.D
Acq: 23 Sep 2025 15:08

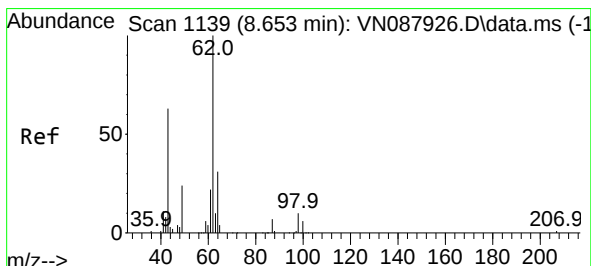
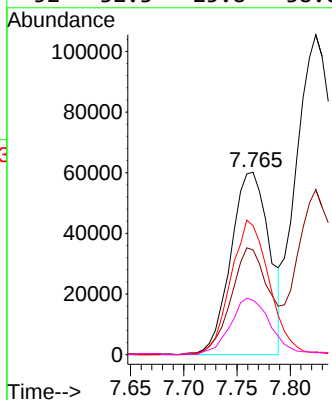
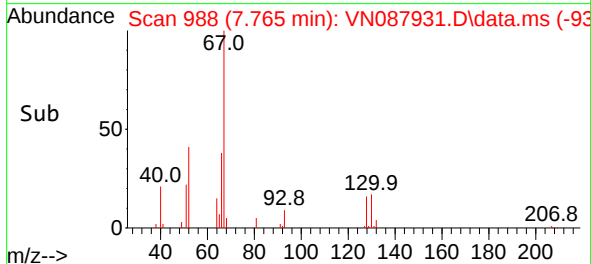
Instrument :
MSVOA_N
ClientSampleId :
ICVVN092325



Tgt Ion: 41 Resp: 15188
Ion Ratio Lower Upper
41 100
39 57.4 43.5 65.3
67 73.8 57.6 86.4
52 32.3 25.8 38.6

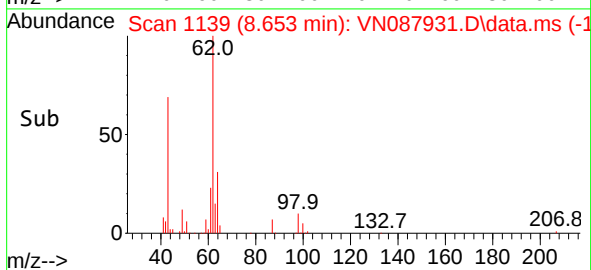
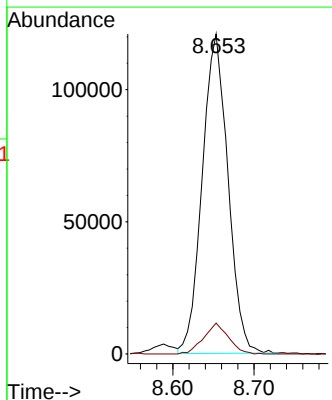
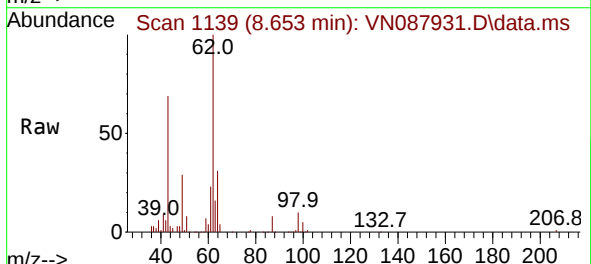
Manual Integrations
APPROVED

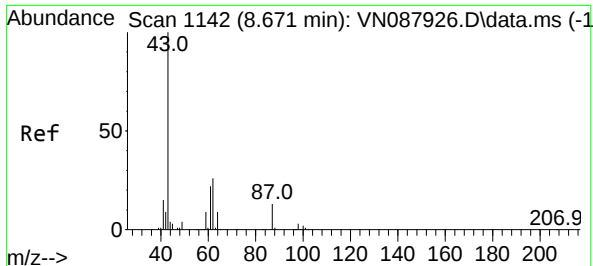
Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025



#42
1,2-Dichloroethane
Concen: 49.739 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. 0.000 min
Lab File: VN087931.D
Acq: 23 Sep 2025 15:08

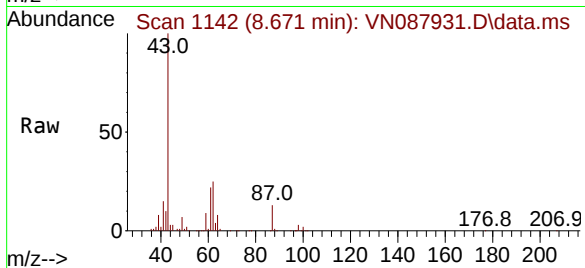
Tgt Ion: 62 Resp: 266146
Ion Ratio Lower Upper
62 100
98 9.3 0.0 18.6





#43
Isopropyl Acetate
Concen: 51.950 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN087931.D
Acq: 23 Sep 2025 15:08

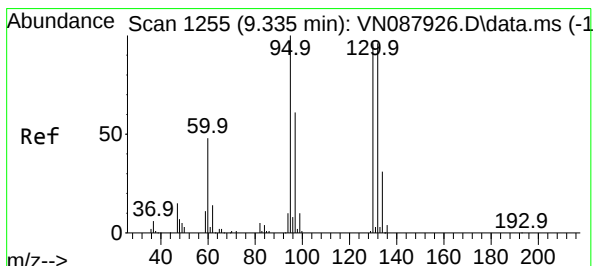
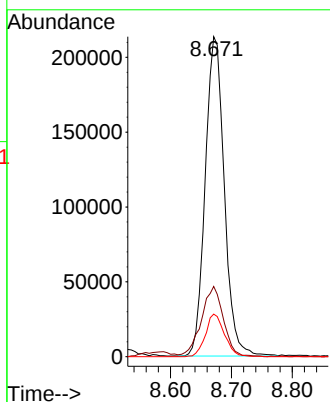
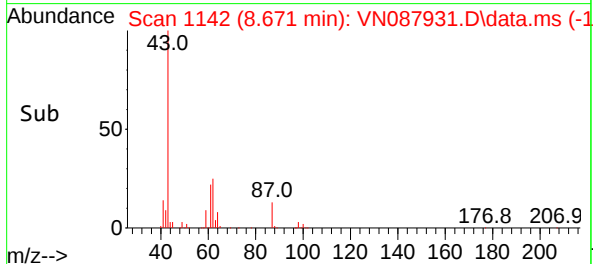
Instrument :
MSVOA_N
ClientSampleId :
ICVVN092325



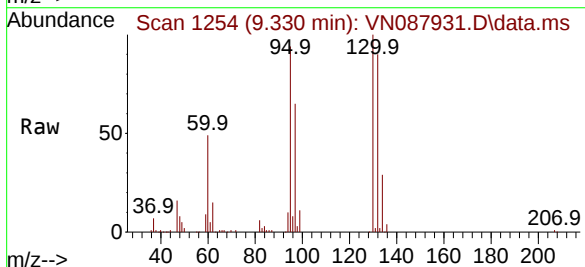
Tgt Ion: 43 Resp: 46500
Ion Ratio Lower Upper
43 100
61 25.5 20.2 30.2
87 13.3 10.9 16.3

Manual Integrations
APPROVED

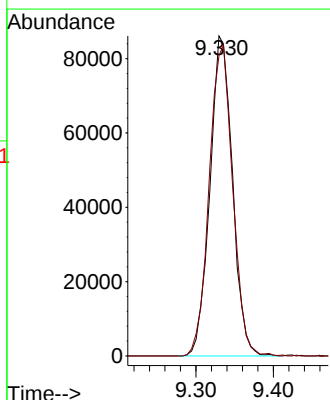
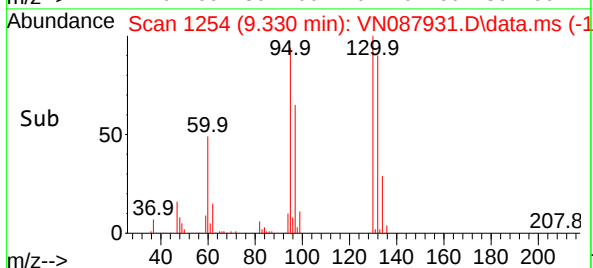
Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025

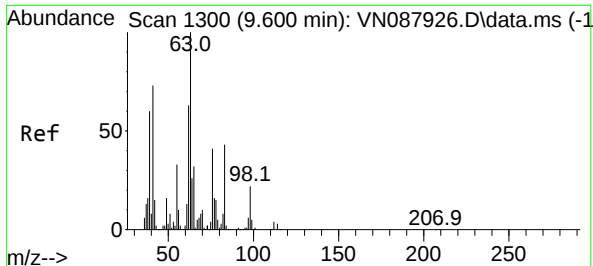


#44
Trichloroethene
Concen: 50.817 ug/l
RT: 9.330 min Scan# 1254
Delta R.T. -0.006 min
Lab File: VN087931.D
Acq: 23 Sep 2025 15:08



Tgt Ion:130 Resp: 174047
Ion Ratio Lower Upper
130 100
95 93.9 0.0 208.0





#45

1,2-Dichloropropane

Concen: 50.566 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN087931.D

Acq: 23 Sep 2025 15:08

Instrument :

MSVOA_N

ClientSampleId :

ICVVN092325

Tgt Ion: 63 Resp: 18180

Ion Ratio Lower Upper

63 100

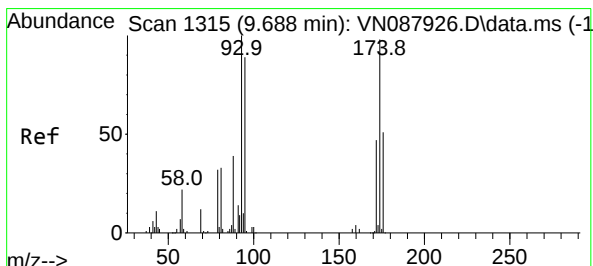
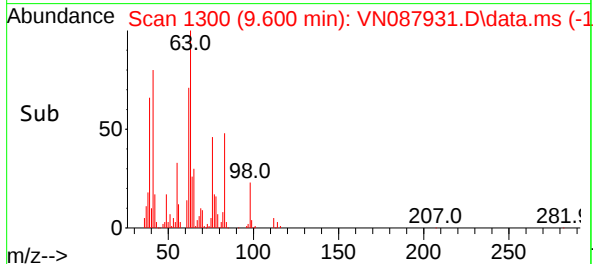
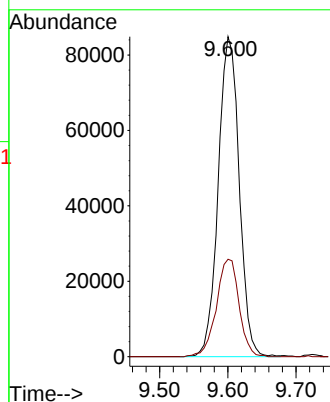
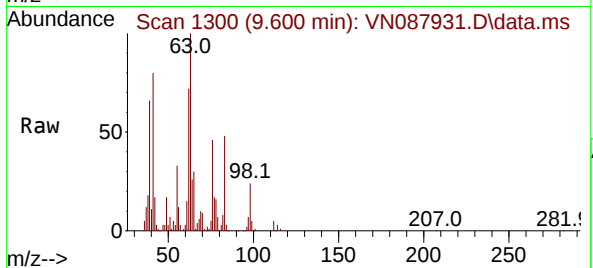
65 30.4 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/24/2025

Supervised By :Mahesh Dadoda 09/26/2025



#46

Dibromomethane

Concen: 50.925 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. 0.000 min

Lab File: VN087931.D

Acq: 23 Sep 2025 15:08

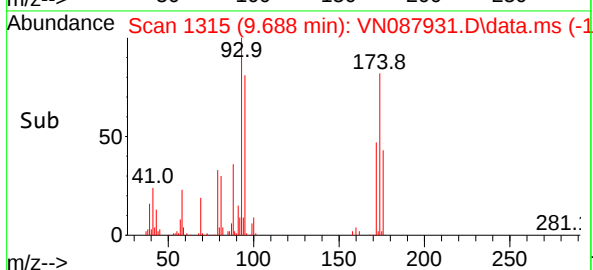
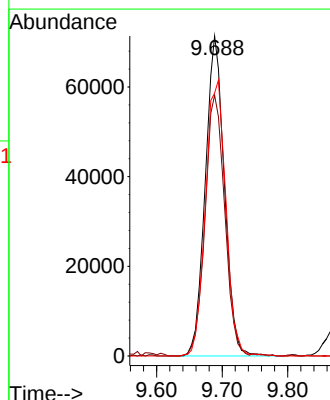
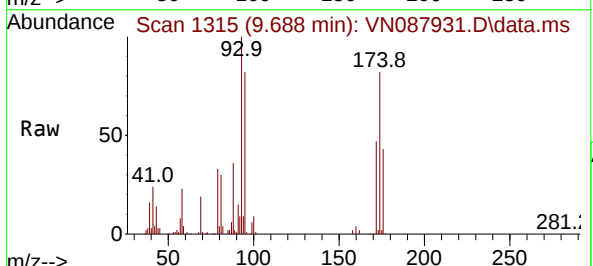
Tgt Ion: 93 Resp: 144476

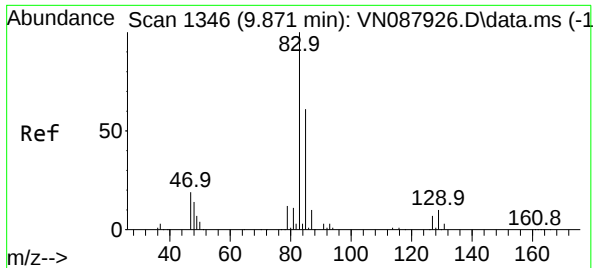
Ion Ratio Lower Upper

93 100

95 83.6 67.6 101.4

174 91.8 75.4 113.0





#47

Bromodichloromethane

Concen: 50.858 ug/l

RT: 9.871 min Scan# 1346

Delta R.T. 0.000 min

Lab File: VN087931.D

Acq: 23 Sep 2025 15:08

Instrument :

MSVOA_N

ClientSampleId :

ICVVN092325

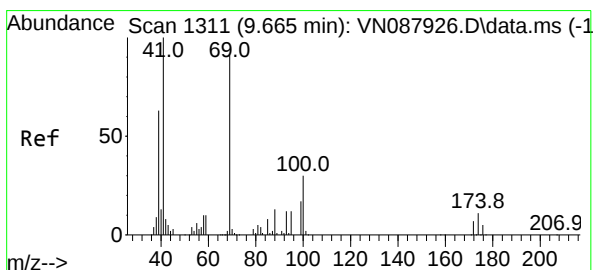
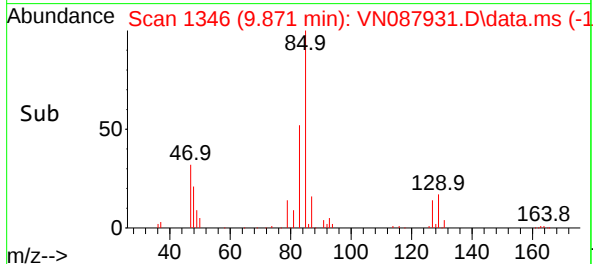
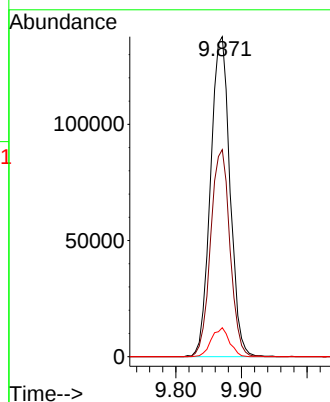
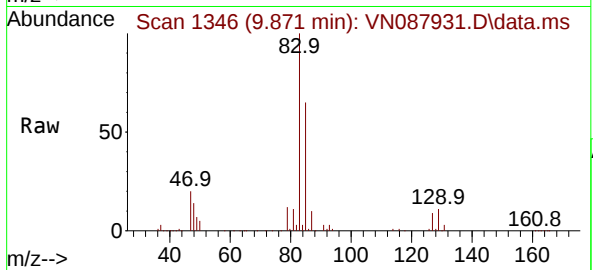
Tgt Ion:	83	Resp:	28299
Ion	Ratio	Lower	Upper
83	100		
85	64.7	49.1	73.7
127	9.0	5.9	8.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/24/2025

Supervised By :Mahesh Dadoda 09/26/2025



#48

Methyl methacrylate

Concen: 53.199 ug/l

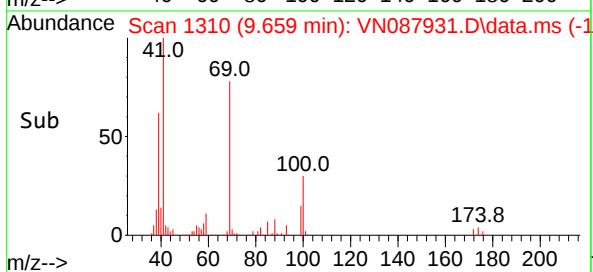
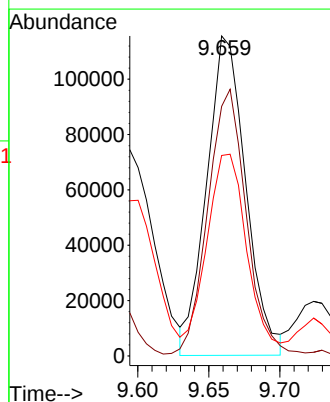
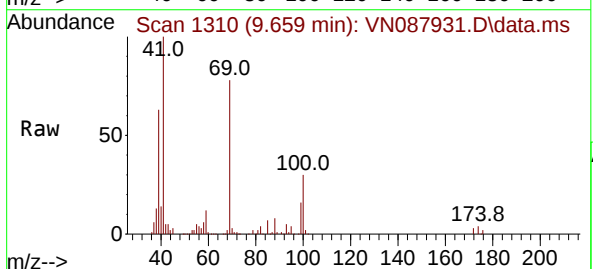
RT: 9.659 min Scan# 1310

Delta R.T. -0.006 min

Lab File: VN087931.D

Acq: 23 Sep 2025 15:08

Tgt Ion:	41	Resp:	220518
Ion	Ratio	Lower	Upper
41	100		
69	81.1	70.9	106.3
39	65.4	52.9	79.3





#49

1,4-Dioxane

Concen: 1167.270 ug/l

RT: 9.683 min Scan# 1313

Delta R.T. 0.006 min

Lab File: VN087931.D

Acq: 23 Sep 2025 15:08

Instrument :

MSVOA_N

ClientSampleId :

ICVVN092325

Tgt Ion: 88 Resp: 71480

Ion Ratio Lower Upper

88 100

43 0.0 22.6 33.8

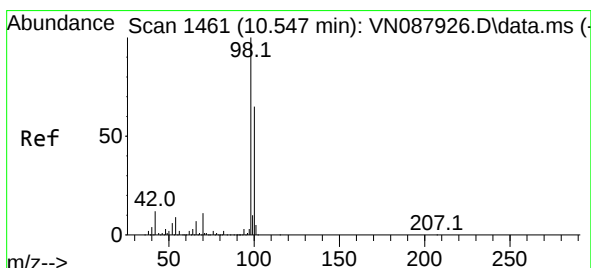
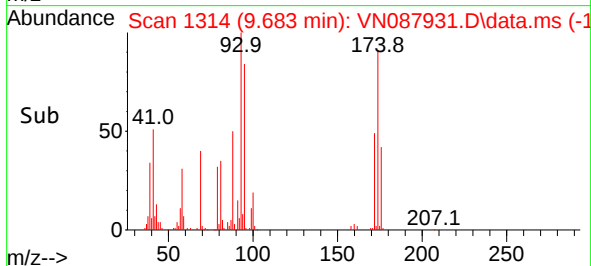
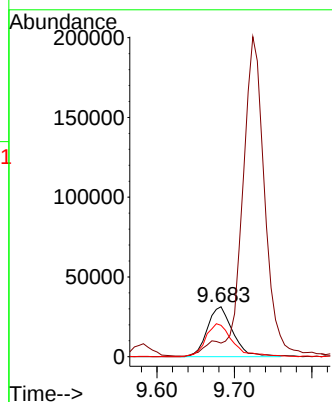
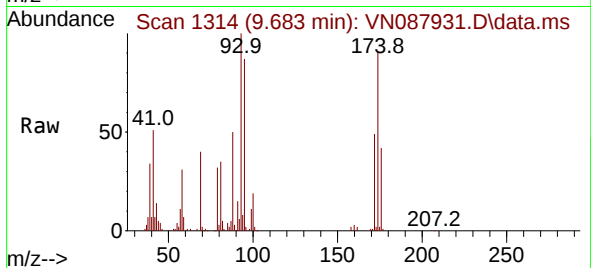
58 70.4 57.4 86.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/24/2025

Supervised By :Mahesh Dadoda 09/26/2025



#50

Toluene-d8

Concen: 44.774 ug/l

RT: 10.547 min Scan# 1461

Delta R.T. 0.000 min

Lab File: VN087931.D

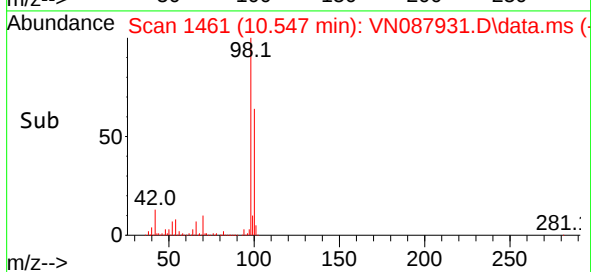
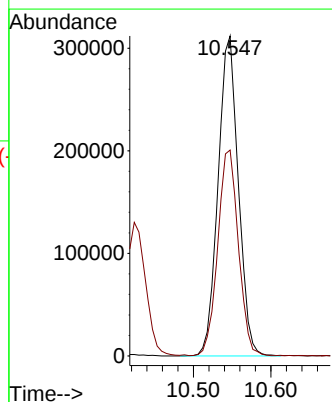
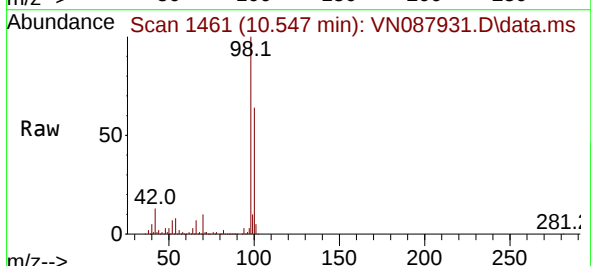
Acq: 23 Sep 2025 15:08

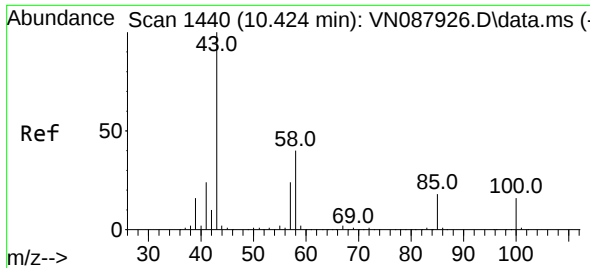
Tgt Ion: 98 Resp: 567044

Ion Ratio Lower Upper

98 100

100 65.4 51.7 77.5





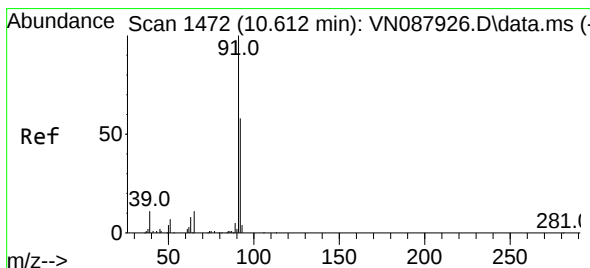
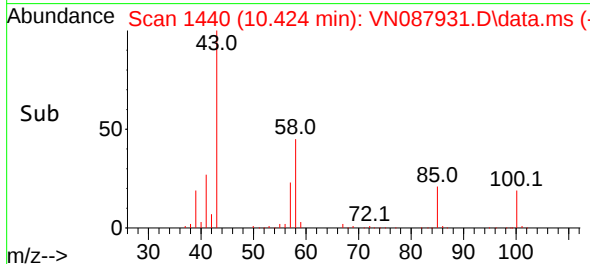
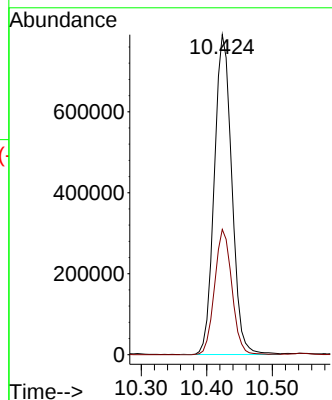
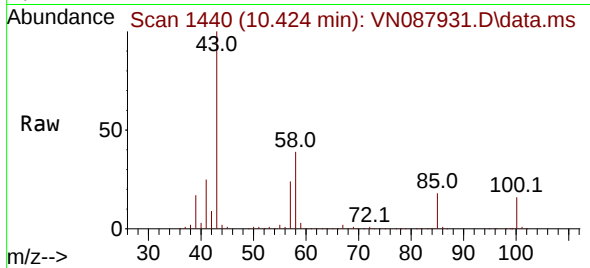
#51
4-Methyl-2-Pentanone
Concen: 262.261 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. 0.000 min
Lab File: VN087931.D
Acq: 23 Sep 2025 15:08

Instrument :
MSVOA_N
ClientSampleId :
ICVVN092325

Tgt Ion: 43 Resp: 146484
Ion Ratio Lower Upper
43 100
58 38.6 31.0 46.6

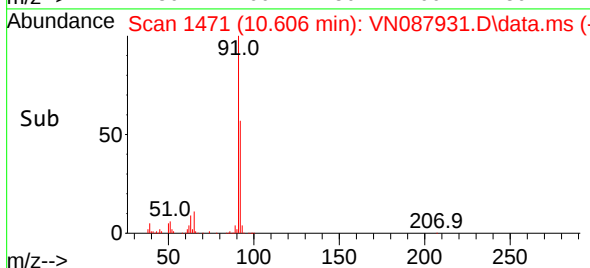
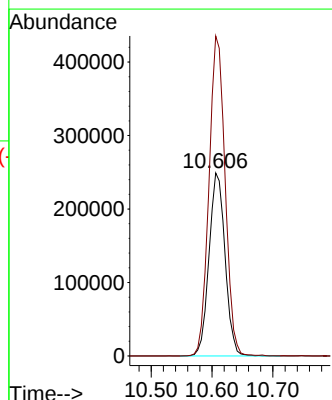
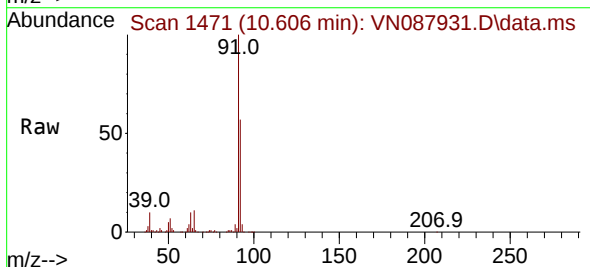
Manual Integrations
APPROVED

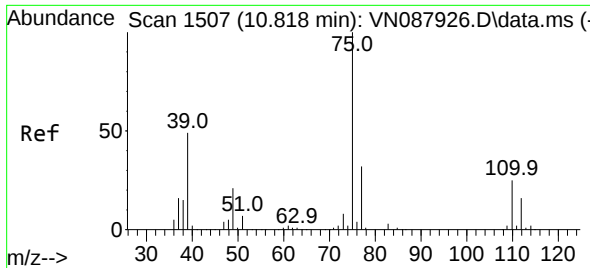
Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025



#52
Toluene
Concen: 50.722 ug/l
RT: 10.606 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VN087931.D
Acq: 23 Sep 2025 15:08

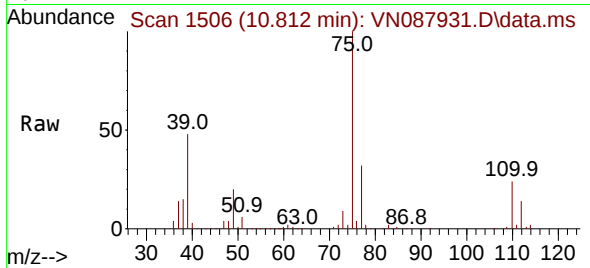
Tgt Ion: 92 Resp: 456380
Ion Ratio Lower Upper
92 100
91 175.6 138.2 207.2





#53
t-1,3-Dichloropropene
Concen: 52.296 ug/l
RT: 10.812 min Scan# 1507
Delta R.T. -0.006 min
Lab File: VN087931.D
Acq: 23 Sep 2025 15:08

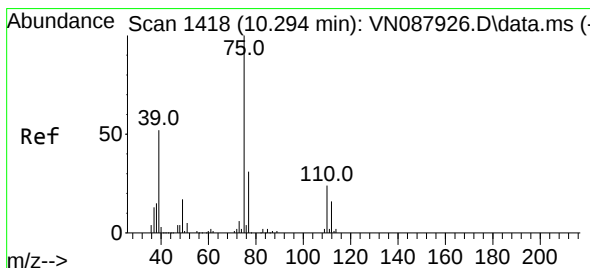
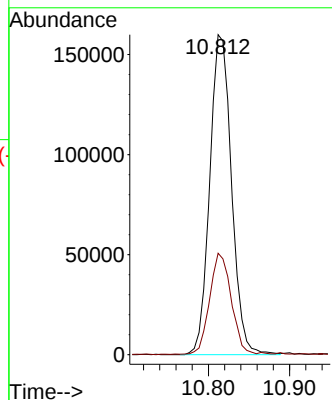
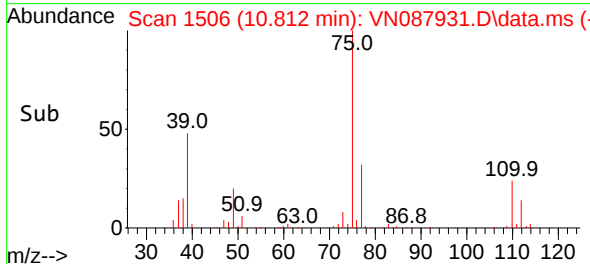
Instrument :
MSVOA_N
ClientSampleId :
ICVVN092325



Tgt Ion: 75 Resp: 29782
Ion Ratio Lower Upper
75 100
77 31.6 25.3 37.9

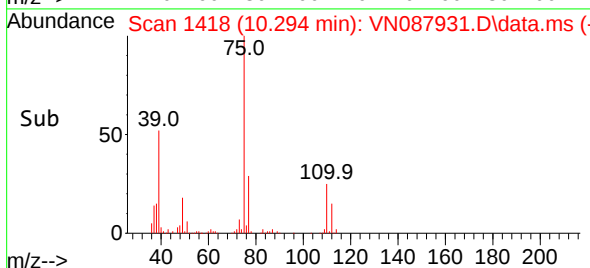
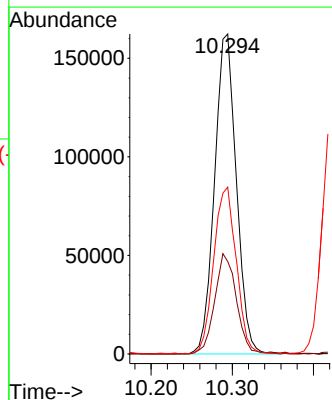
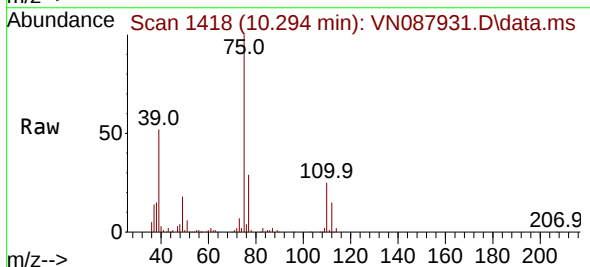
Manual Integrations
APPROVED

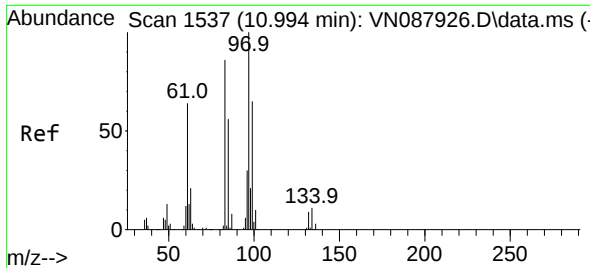
Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025



#54
cis-1,3-Dichloropropene
Concen: 51.268 ug/l
RT: 10.294 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VN087931.D
Acq: 23 Sep 2025 15:08

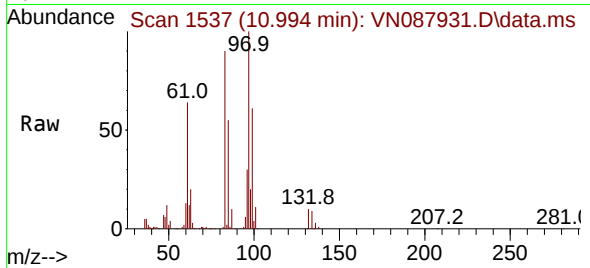
Tgt Ion: 75 Resp: 303245
Ion Ratio Lower Upper
75 100
77 28.9 24.7 37.1
39 52.2 41.4 62.0





#55
1,1,2-Trichloroethane
Concen: 50.476 ug/l
RT: 10.994 min Scan# 1537
Delta R.T. 0.000 min
Lab File: VN087931.D
Acq: 23 Sep 2025 15:08

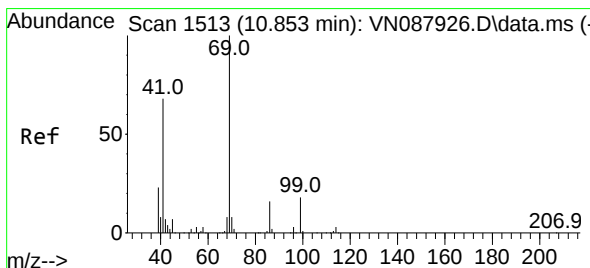
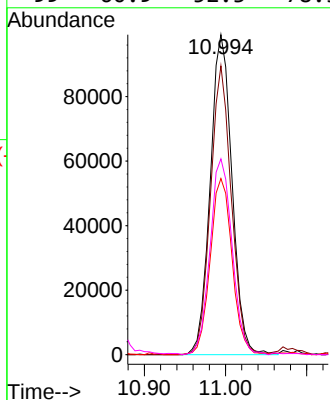
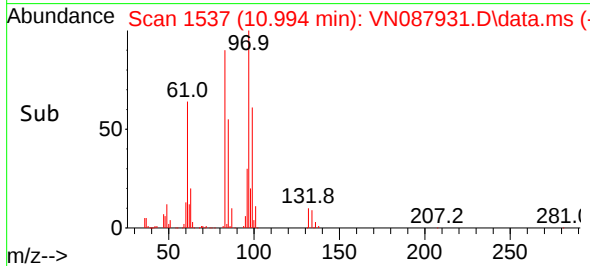
Instrument :
MSVOA_N
ClientSampleId :
ICVVN092325



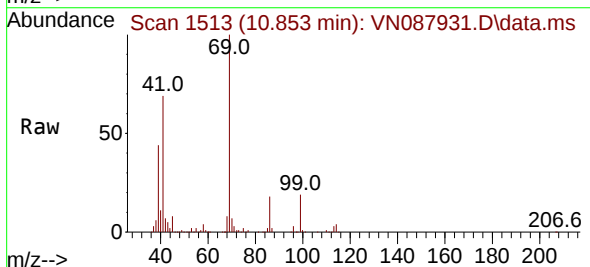
Tgt Ion: 97 Resp: 184660
Ion Ratio Lower Upper
97 100
83 90.2 69.0 103.4
85 55.1 44.4 66.6
99 60.9 52.3 78.5

Manual Integrations
APPROVED

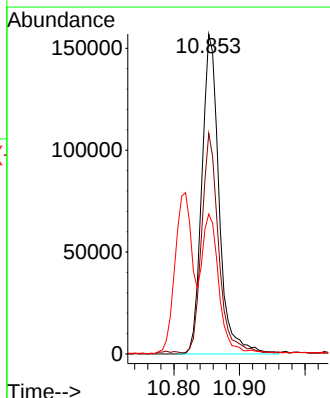
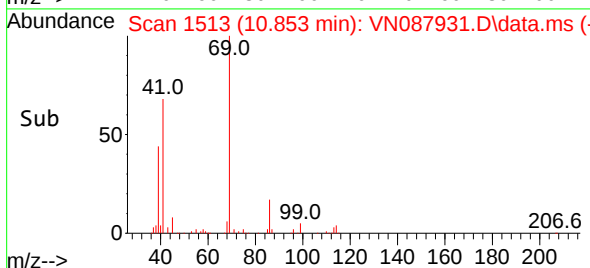
Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025

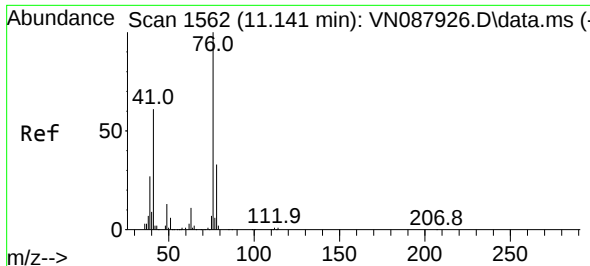


#56
Ethyl methacrylate
Concen: 54.367 ug/l
RT: 10.853 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VN087931.D
Acq: 23 Sep 2025 15:08



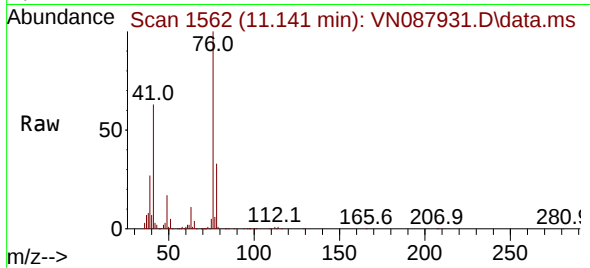
Tgt Ion: 69 Resp: 287401
Ion Ratio Lower Upper
69 100
41 67.0 53.8 80.6
39 42.5 34.7 52.1





#57
1,3-Dichloropropane
Concen: 52.219 ug/l
RT: 11.141 min Scan# 1562
Delta R.T. 0.000 min
Lab File: VN087931.D
Acq: 23 Sep 2025 15:08

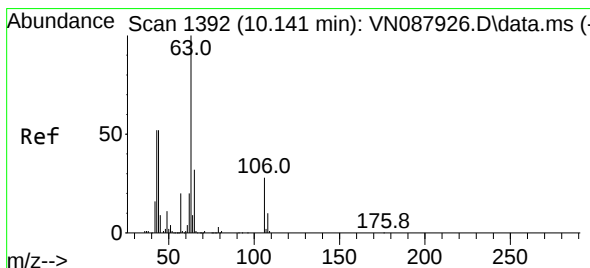
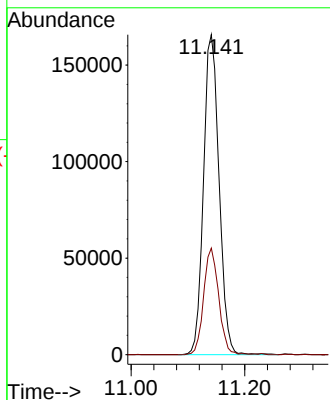
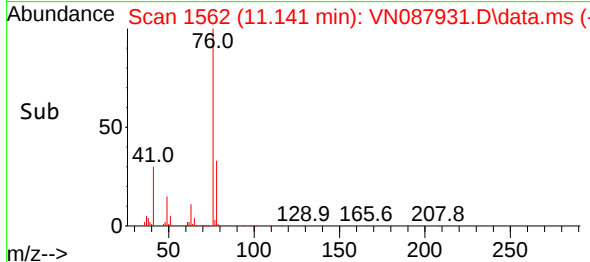
Instrument :
MSVOA_N
ClientSampleId :
ICVVN092325



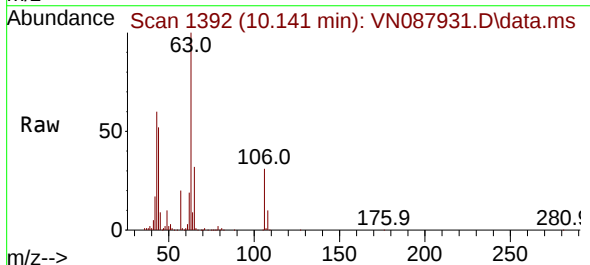
Tgt Ion: 76 Resp: 314225
Ion Ratio Lower Upper
76 100
78 32.2 26.0 39.0

Manual Integrations
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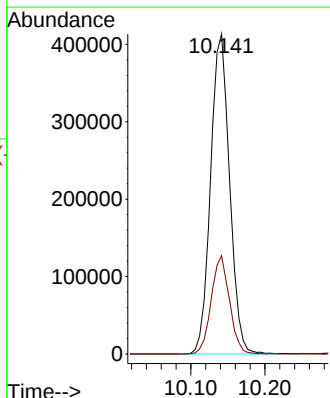
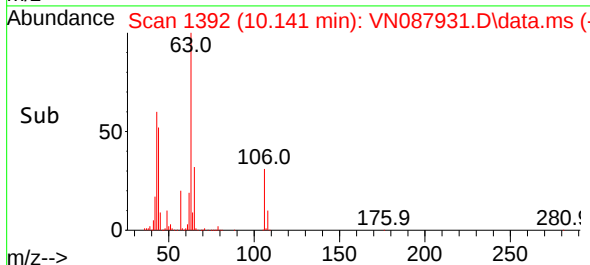
Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025

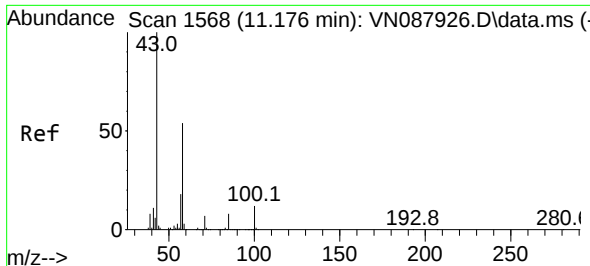


#58
2-Chloroethyl Vinyl ether
Concen: 295.766 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VN087931.D
Acq: 23 Sep 2025 15:08



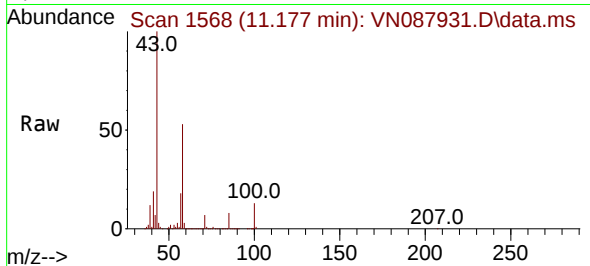
Tgt Ion: 63 Resp: 735137
Ion Ratio Lower Upper
63 100
106 29.4 22.6 33.8





#59
2-Hexanone
Concen: 278.348 ug/l
RT: 11.177 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VN087931.D
Acq: 23 Sep 2025 15:08

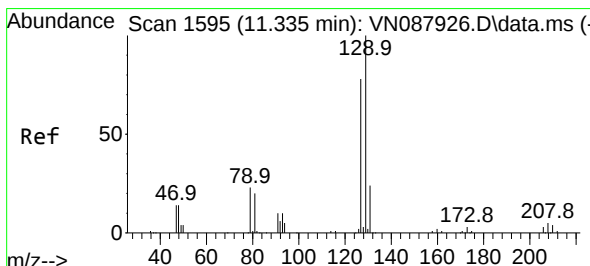
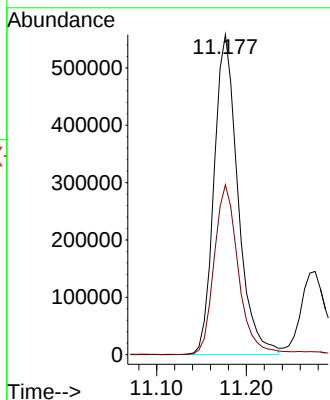
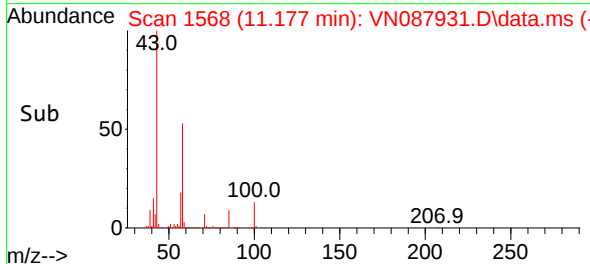
Instrument :
MSVOA_N
ClientSampleId :
ICVVN092325



Tgt Ion: 43 Resp: 1027998
Ion Ratio Lower Upper
43 100
58 54.2 26.4 79.2

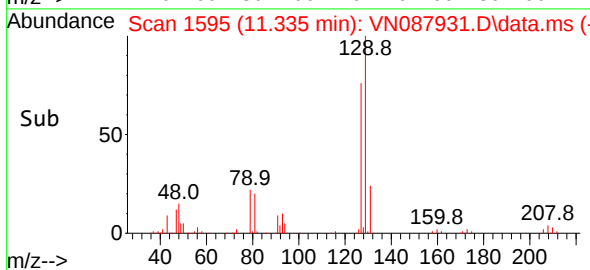
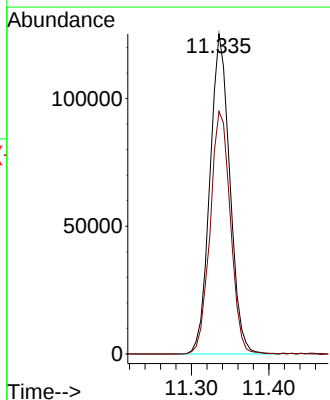
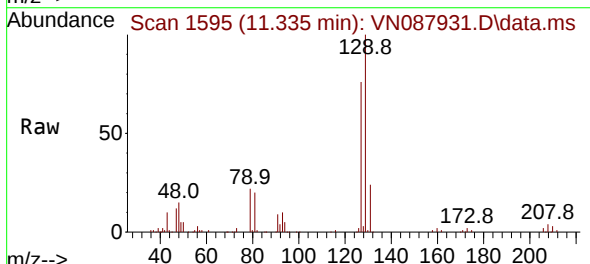
Manual Integrations
APPROVED

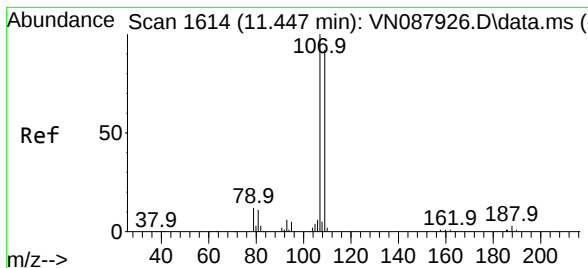
Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025



#60
Dibromochloromethane
Concen: 52.185 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VN087931.D
Acq: 23 Sep 2025 15:08

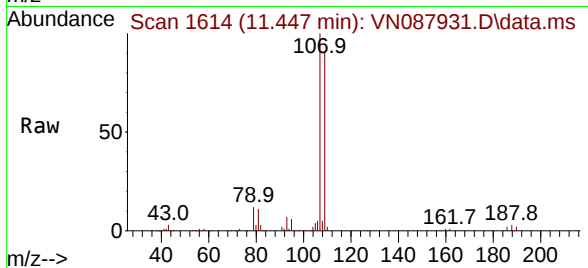
Tgt Ion:129 Resp: 224473
Ion Ratio Lower Upper
129 100
127 77.0 39.3 117.9





#61
1,2-Dibromoethane
Concen: 51.598 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VN087931.D
Acq: 23 Sep 2025 15:08

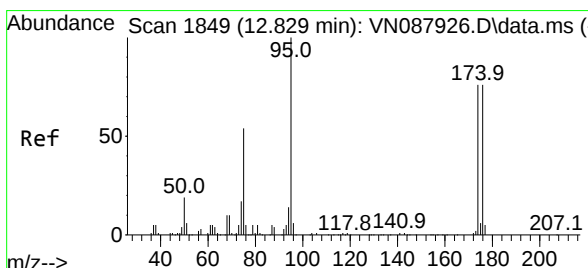
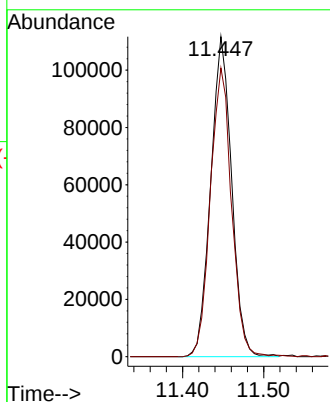
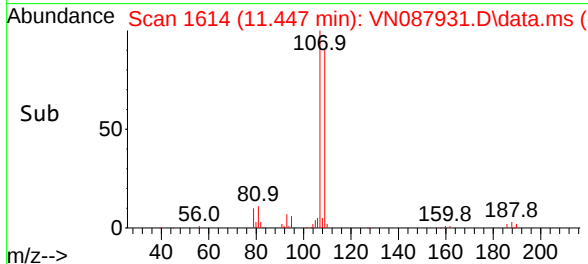
Instrument :
MSVOA_N
ClientSampleId :
ICVVN092325



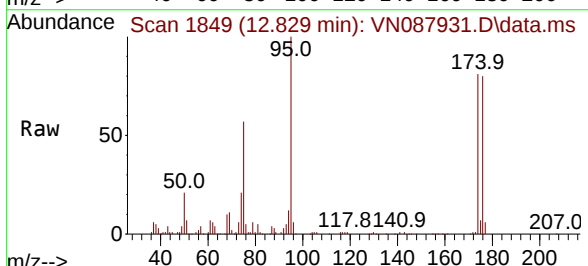
Tgt Ion:107 Resp: 19984
Ion Ratio Lower Upper
107 100
109 91.6 75.3 112.9

Manual Integrations
APPROVED

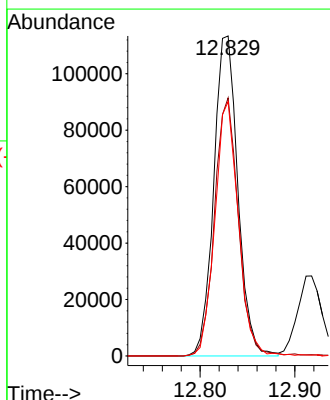
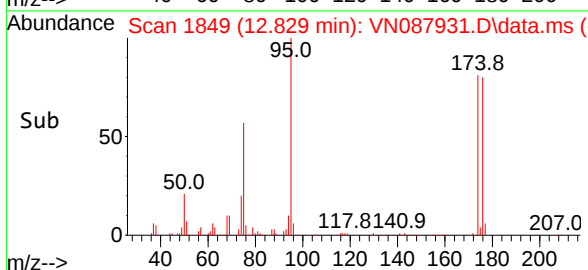
Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025

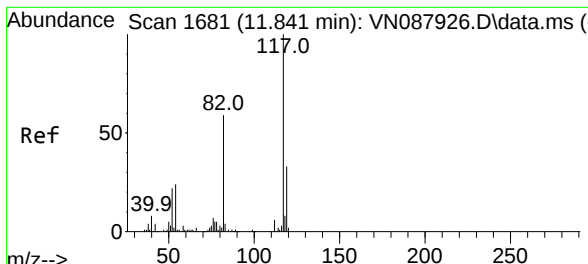


#62
4-Bromofluorobenzene
Concen: 44.319 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN087931.D
Acq: 23 Sep 2025 15:08



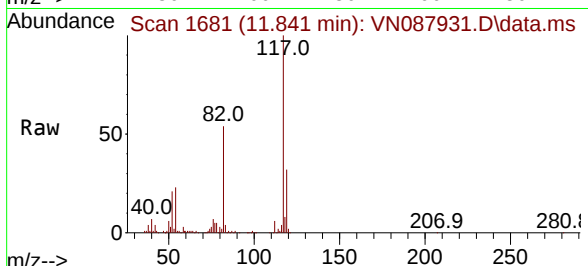
Tgt Ion: 95 Resp: 200630
Ion Ratio Lower Upper
95 100
174 79.6 0.0 159.2
176 77.5 0.0 152.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VN087931.D
Acq: 23 Sep 2025 15:08

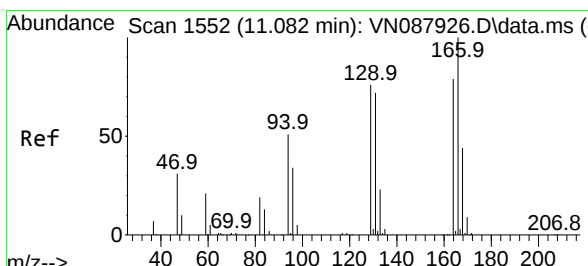
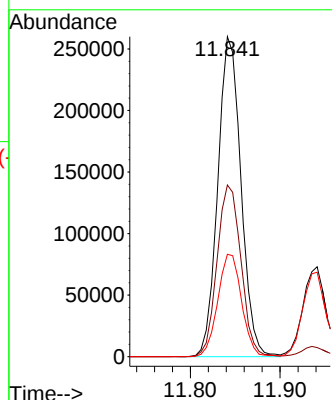
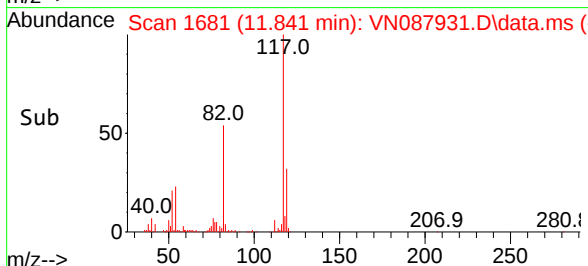
Instrument :
MSVOA_N
ClientSampleId :
ICVVN092325



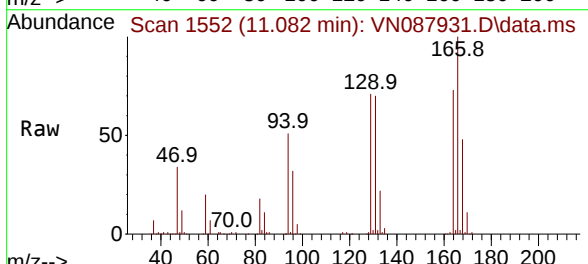
Tgt Ion:117 Resp: 466772
Ion Ratio Lower Upper
117 100
82 53.7 47.0 70.4
119 32.0 26.1 39.1

Manual Integrations
APPROVED

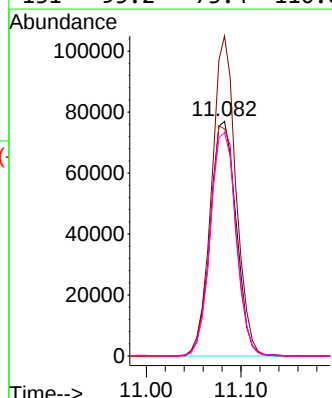
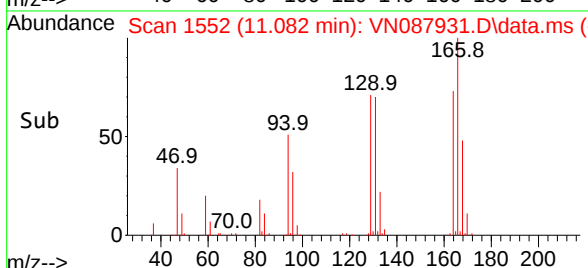
Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025

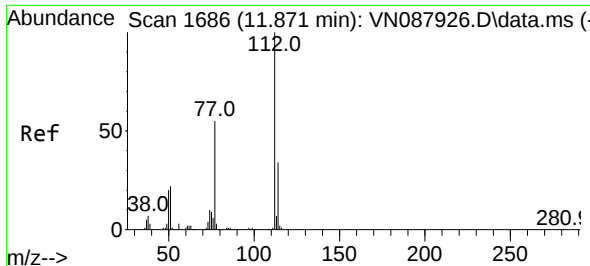


#64
Tetrachloroethene
Concen: 51.272 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. 0.000 min
Lab File: VN087931.D
Acq: 23 Sep 2025 15:08



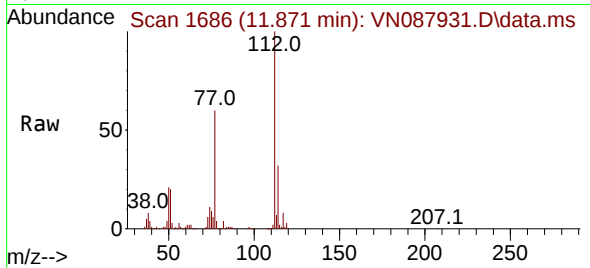
Tgt Ion:164 Resp: 145781
Ion Ratio Lower Upper
164 100
166 136.1 101.6 152.4
129 96.8 77.5 116.3
131 95.2 73.4 110.0





#65
Chlorobenzene
Concen: 52.168 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN087931.D
Acq: 23 Sep 2025 15:08

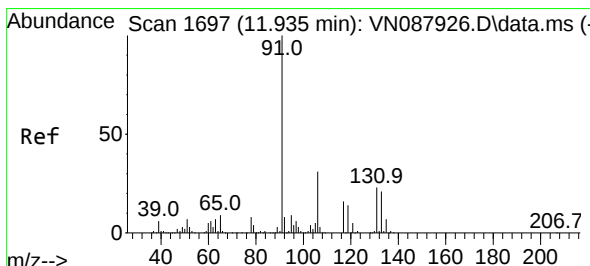
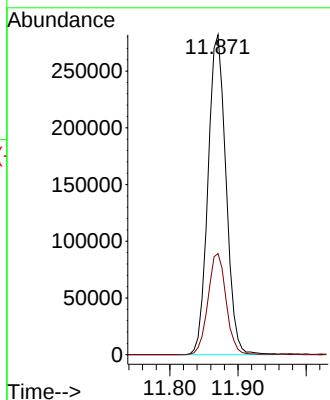
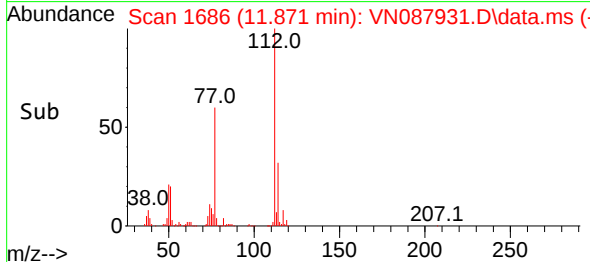
Instrument :
MSVOA_N
ClientSampleId :
ICVVN092325



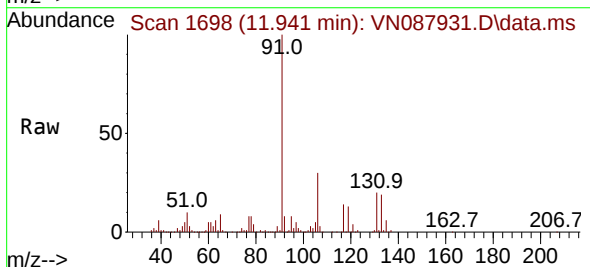
Tgt Ion:112 Resp: 518200
Ion Ratio Lower Upper
112 100
114 31.6 27.2 40.8

Manual Integrations
APPROVED

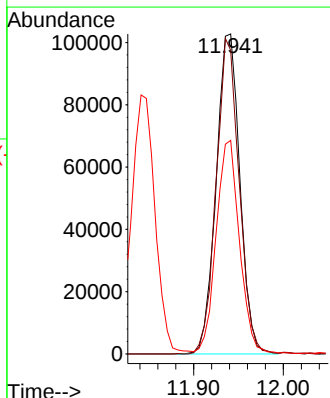
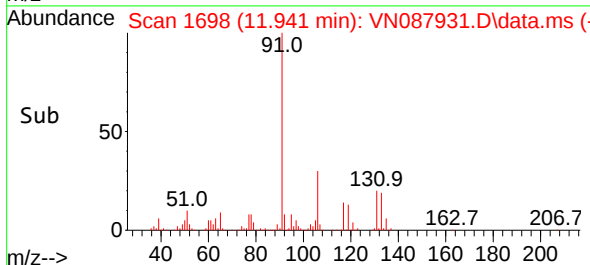
Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025

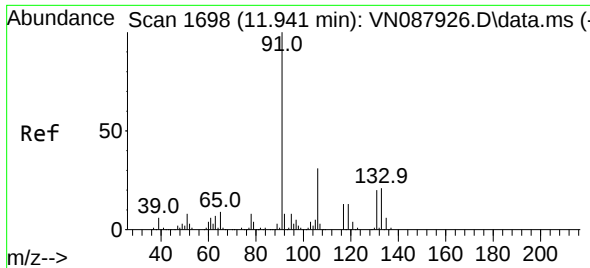


#66
1,1,1,2-Tetrachloroethane
Concen: 52.557 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VN087931.D
Acq: 23 Sep 2025 15:08



Tgt Ion:131 Resp: 188263
Ion Ratio Lower Upper
131 100
133 95.5 48.4 145.0
119 65.7 31.9 95.5





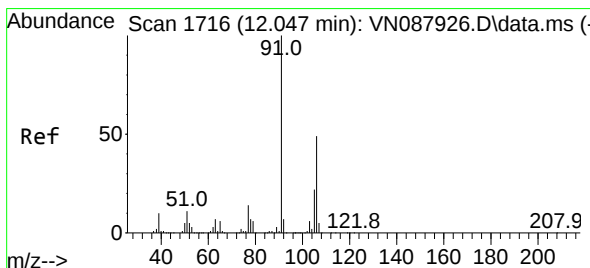
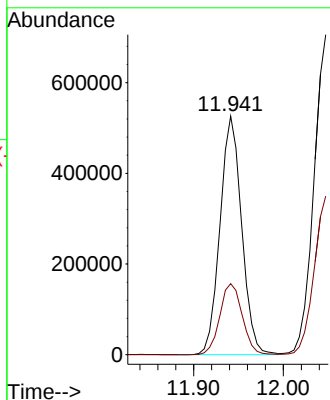
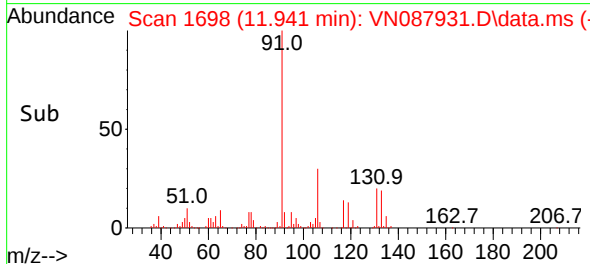
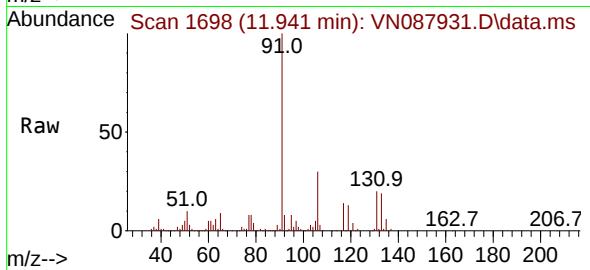
#67
Ethyl Benzene
Concen: 53.183 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN087931.D
Acq: 23 Sep 2025 15:08

Instrument :
MSVOA_N
ClientSampleId :
ICVVN092325

Tgt Ion: 91 Resp: 881499
Ion Ratio Lower Upper
91 100
106 29.8 25.2 37.8

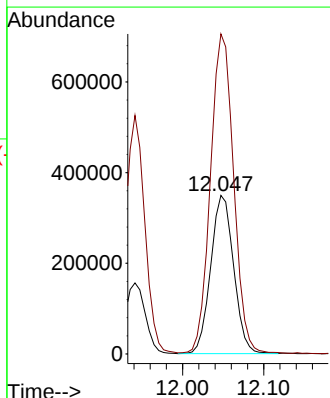
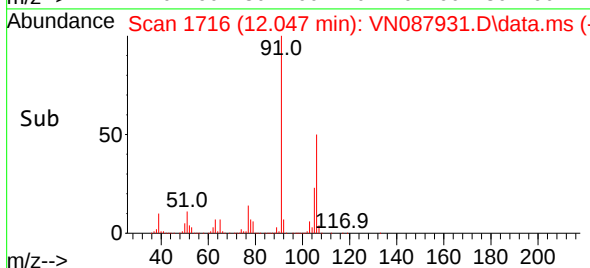
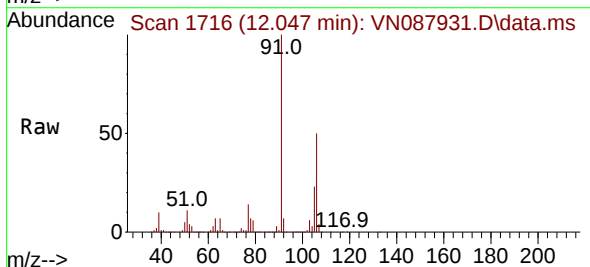
Manual Integrations
APPROVED

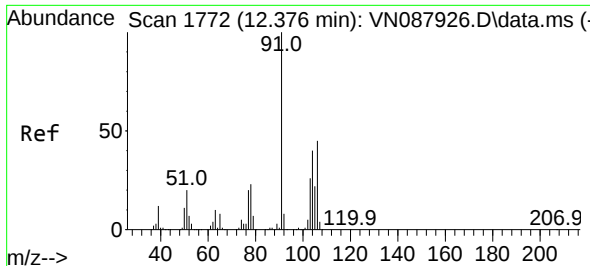
Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025



#68
m/p-Xylenes
Concen: 108.396 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VN087931.D
Acq: 23 Sep 2025 15:08

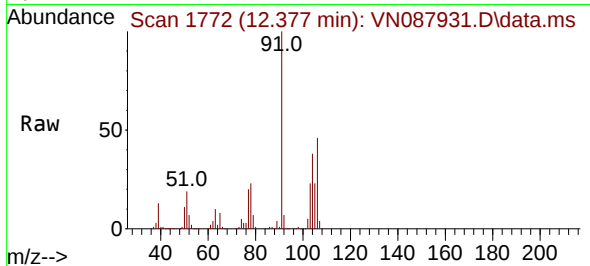
Tgt Ion:106 Resp: 687129
Ion Ratio Lower Upper
106 100
91 203.9 162.9 244.3





#69
o-Xylene
Concen: 54.342 ug/l
RT: 12.377 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VN087931.D
Acq: 23 Sep 2025 15:08

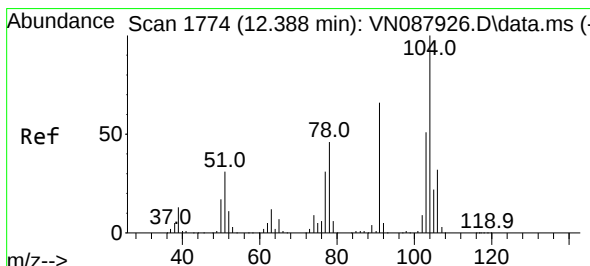
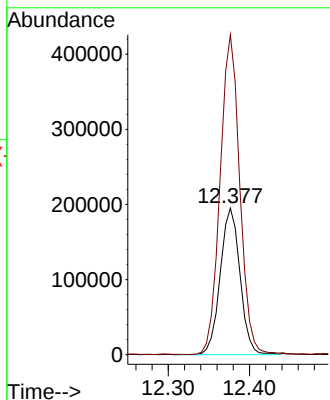
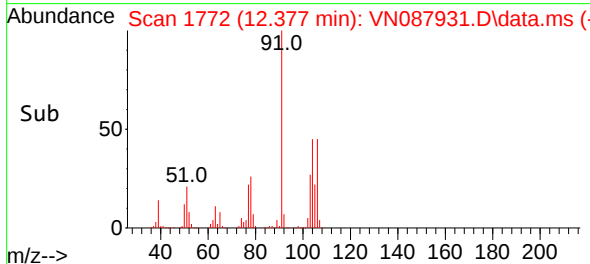
Instrument :
MSVOA_N
ClientSampleId :
ICVVN092325



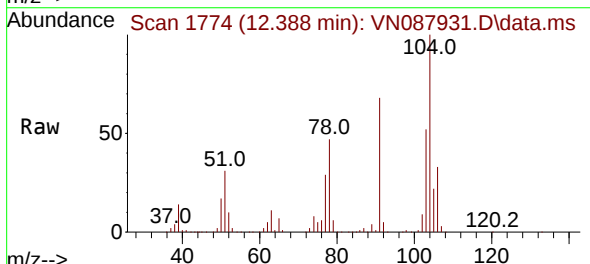
Tgt Ion:106 Resp: 33095
Ion Ratio Lower Upper
106 100
91 217.1 108.2 324.6

Manual Integrations
APPROVED

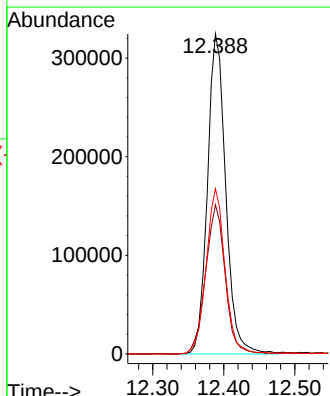
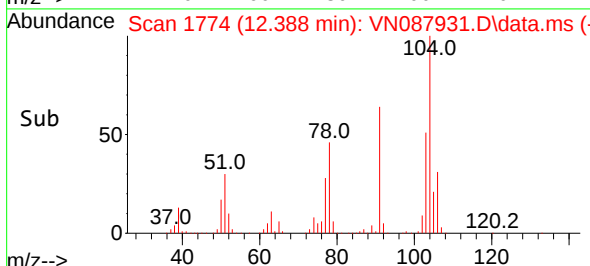
Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025

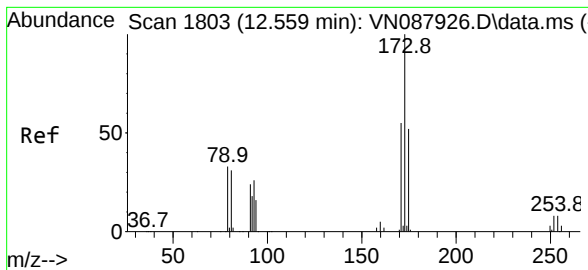


#70
Styrene
Concen: 55.451 ug/l
RT: 12.388 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VN087931.D
Acq: 23 Sep 2025 15:08



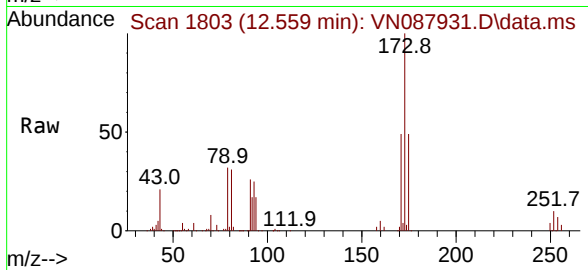
Tgt Ion:104 Resp: 579999
Ion Ratio Lower Upper
104 100
78 49.8 39.7 59.5
103 53.6 44.6 67.0





#71
Bromoform
Concen: 53.524 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VN087931.D
Acq: 23 Sep 2025 15:08

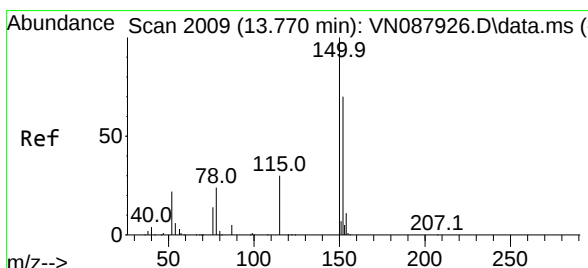
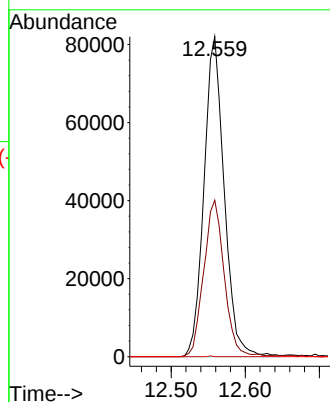
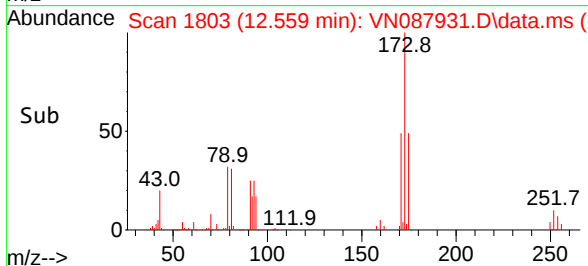
Instrument :
MSVOA_N
ClientSampleId :
ICVVN092325



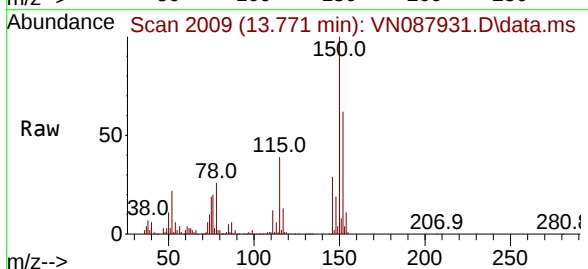
Tgt Ion:173 Resp: 15555
Ion Ratio Lower Upper
173 100
175 49.7 23.7 71.1
254 0.0 0.1 0.1

Manual Integrations
APPROVED

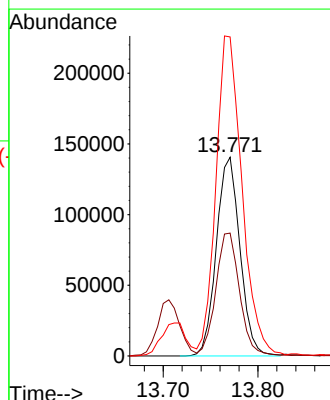
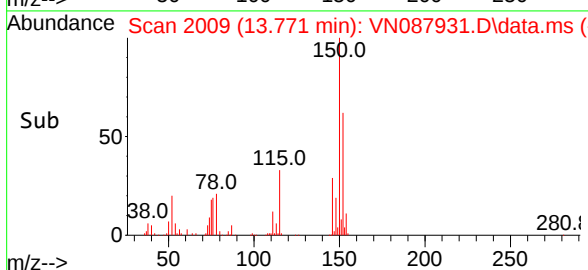
Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025

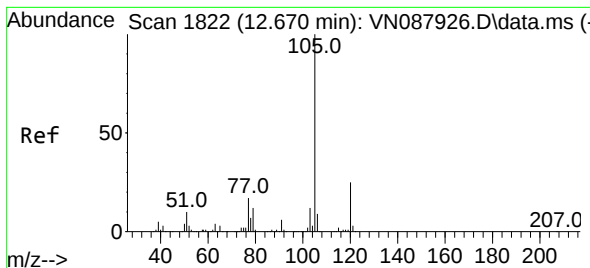


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.771 min Scan# 2009
Delta R.T. 0.000 min
Lab File: VN087931.D
Acq: 23 Sep 2025 15:08



Tgt Ion:152 Resp: 243738
Ion Ratio Lower Upper
152 100
115 62.8 29.9 89.7
150 177.3 0.0 335.0





#73

Isopropylbenzene

Concen: 56.136 ug/l

RT: 12.671 min Scan# 1822

Delta R.T. 0.000 min

Lab File: VN087931.D

Acq: 23 Sep 2025 15:08

Instrument :

MSVOA_N

ClientSampleId :

ICVVN092325

Tgt Ion:105 Resp: 84801

Ion Ratio Lower Upper

105 100

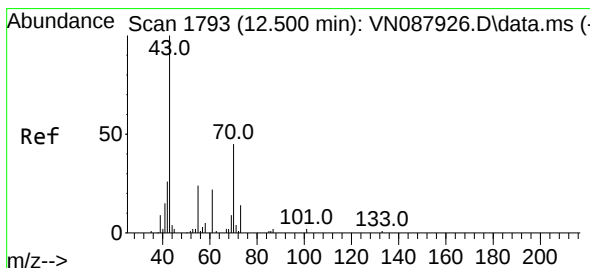
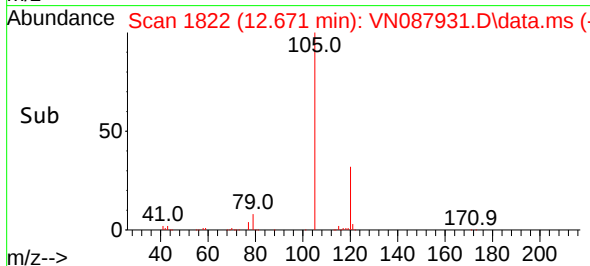
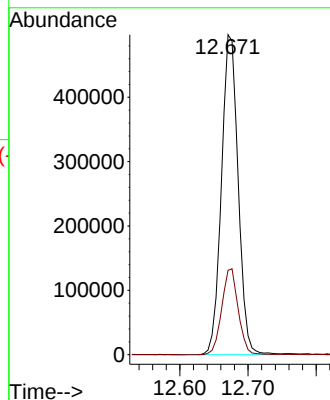
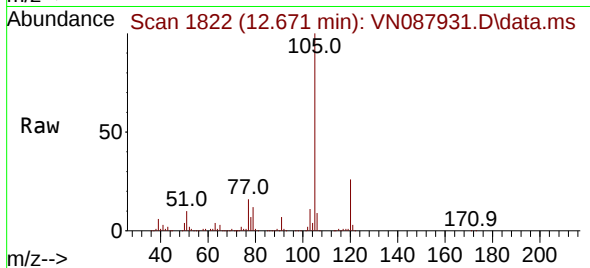
120 26.6 13.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/24/2025

Supervised By :Mahesh Dadoda 09/26/2025



#74

N-ethyl acetate

Concen: 55.590 ug/l m

RT: 12.500 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VN087931.D

Acq: 23 Sep 2025 15:08

Tgt Ion: 43 Resp: 276693

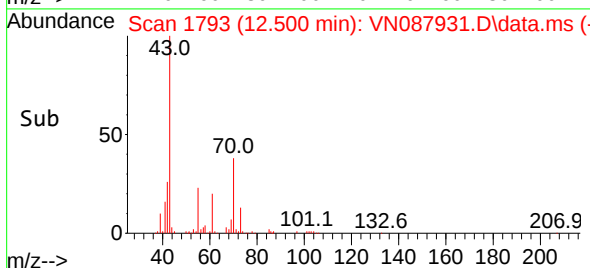
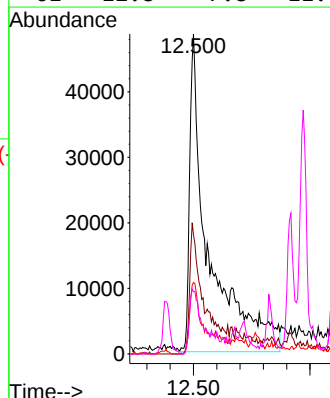
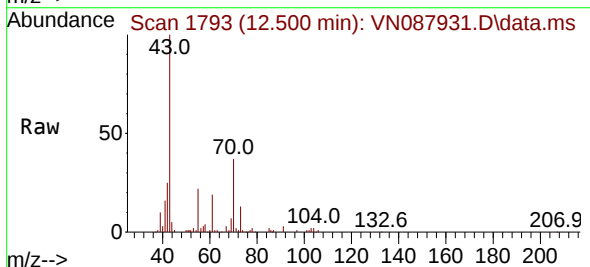
Ion Ratio Lower Upper

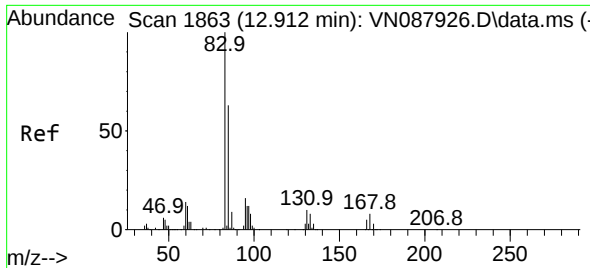
43 100

70 20.9 19.8 29.8

55 13.6 9.6 14.4

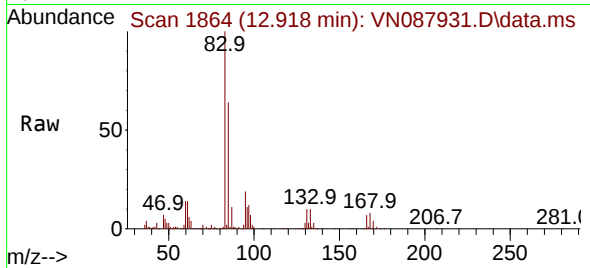
61 12.8 7.8 11.6#





#75
1,1,2,2-Tetrachloroethane
Concen: 51.011 ug/l
RT: 12.918 min Scan# 1864
Delta R.T. 0.006 min
Lab File: VN087931.D
Acq: 23 Sep 2025 15:08

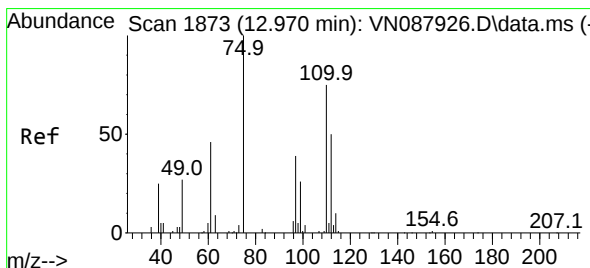
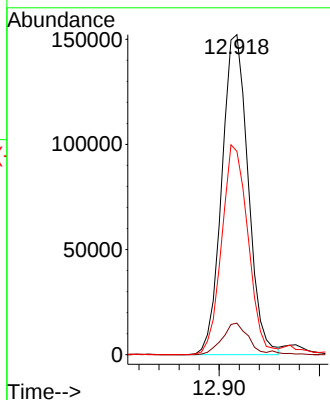
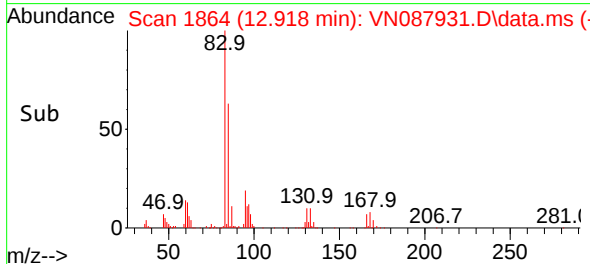
Instrument :
MSVOA_N
ClientSampleId :
ICVVN092325



Tgt Ion: 83 Resp: 277649
Ion Ratio Lower Upper
83 100
131 10.2 5.2 15.6
85 65.7 32.4 97.0

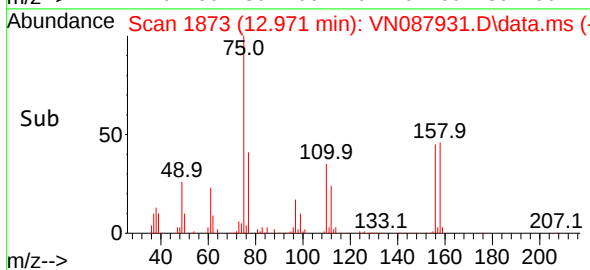
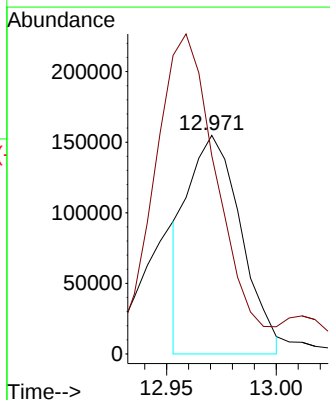
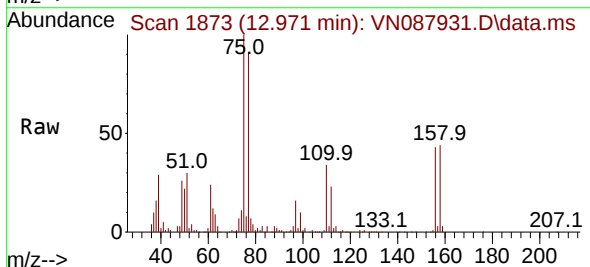
Manual Integrations
APPROVED

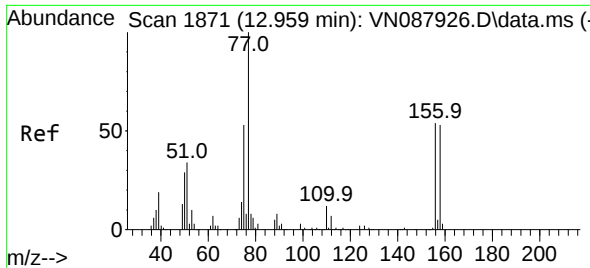
Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025



#76
1,2,3-Trichloropropane
Concen: 54.509 ug/l m
RT: 12.971 min Scan# 1873
Delta R.T. 0.000 min
Lab File: VN087931.D
Acq: 23 Sep 2025 15:08

Tgt Ion: 75 Resp: 261896
Ion Ratio Lower Upper
75 100
77 177.5 89.5 268.5





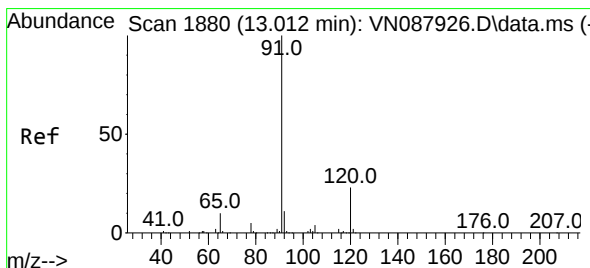
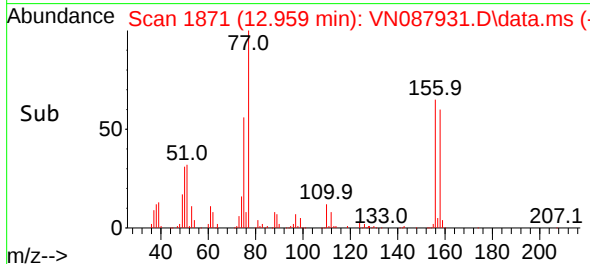
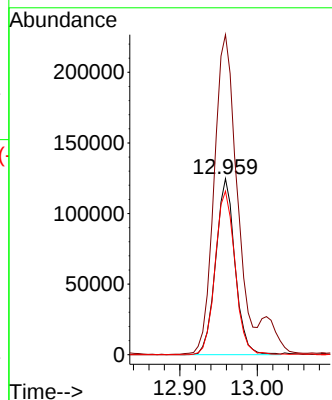
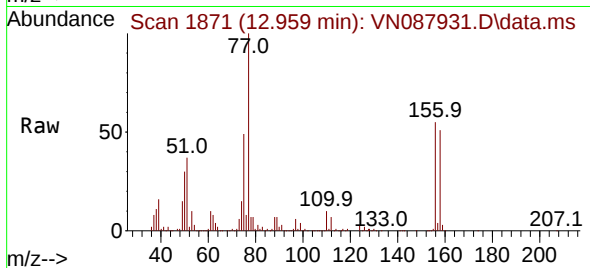
#77
Bromobenzene
Concen: 53.546 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN087931.D
Acq: 23 Sep 2025 15:08

Instrument :
MSVOA_N
ClientSampleId :
ICVVN092325

Tgt Ion:156 Resp: 215215
Ion Ratio Lower Upper
156 100
77 216.0 108.2 324.6
158 96.0 49.6 149.0

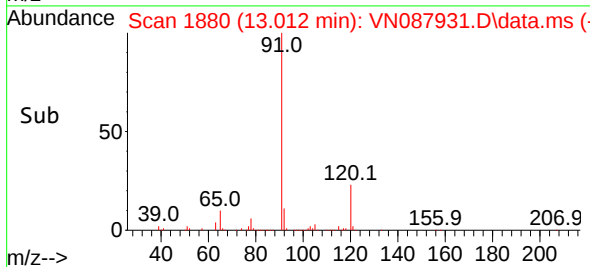
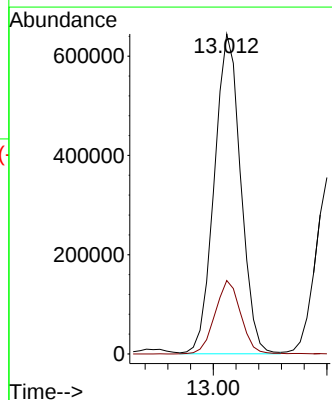
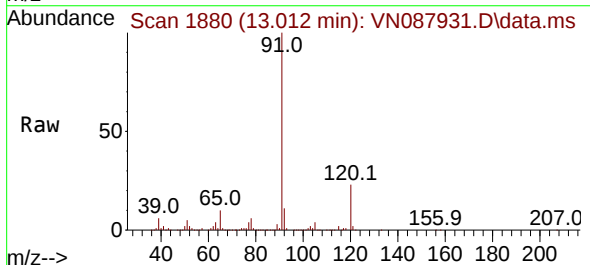
Manual Integrations
APPROVED

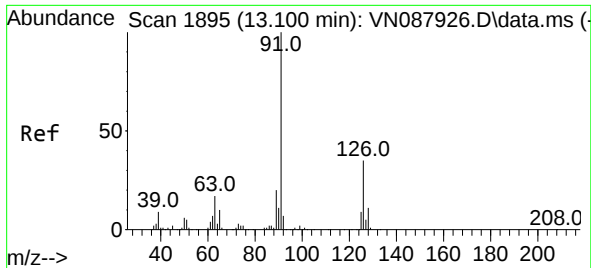
Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025



#78
n-propylbenzene
Concen: 55.165 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN087931.D
Acq: 23 Sep 2025 15:08

Tgt Ion: 91 Resp: 1041885
Ion Ratio Lower Upper
91 100
120 22.5 11.1 33.1





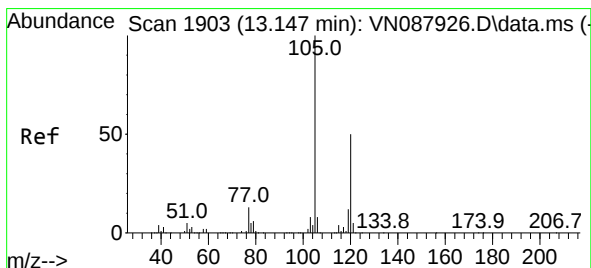
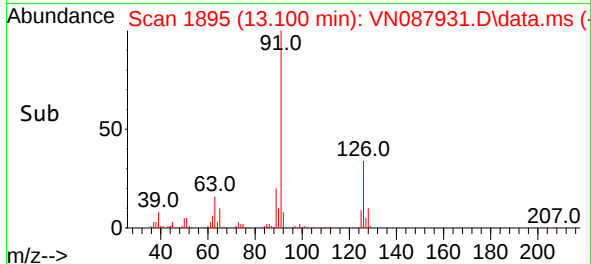
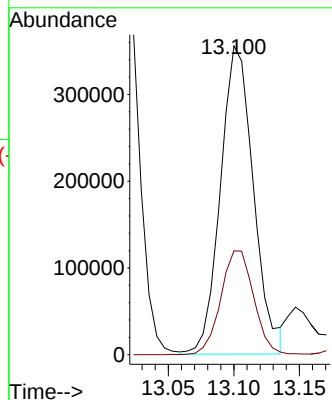
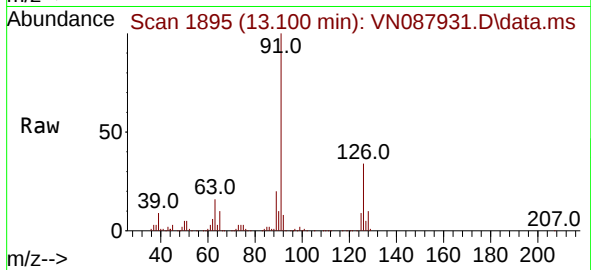
#79
2-Chlorotoluene
Concen: 54.089 ug/l
RT: 13.100 min Scan# 1895
Delta R.T. 0.000 min
Lab File: VN087931.D
Acq: 23 Sep 2025 15:08

Instrument :
MSVOA_N
ClientSampleId :
ICVVN092325

Tgt Ion: 91 Resp: 622023
Ion Ratio Lower Upper
91 100
126 33.8 16.6 49.8

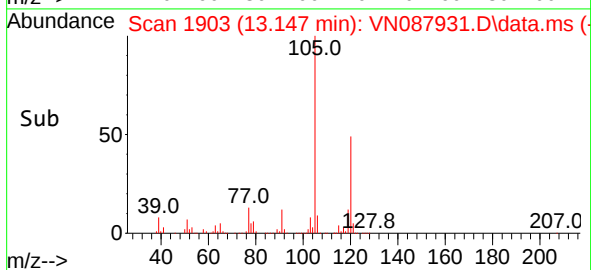
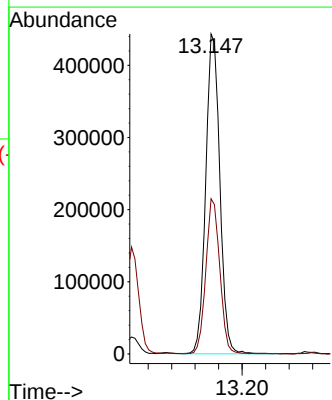
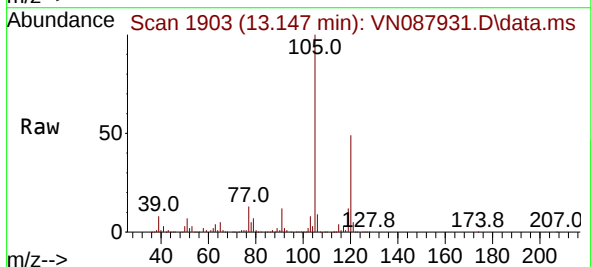
Manual Integrations
APPROVED

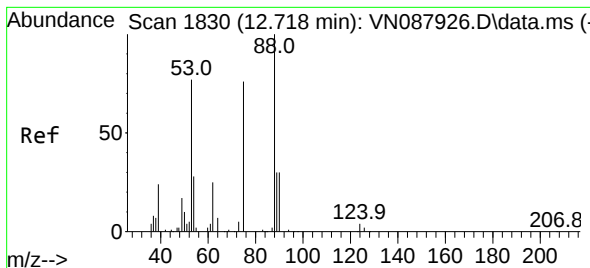
Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025



#80
1,3,5-Trimethylbenzene
Concen: 56.572 ug/l
RT: 13.147 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VN087931.D
Acq: 23 Sep 2025 15:08

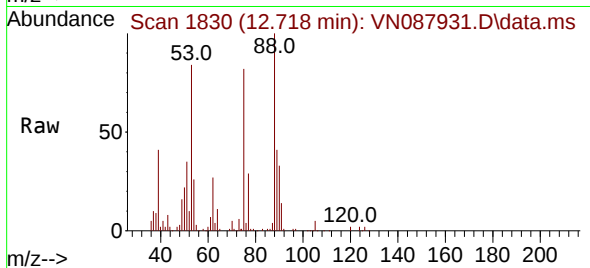
Tgt Ion:105 Resp: 739196
Ion Ratio Lower Upper
105 100
120 47.9 24.7 74.1





#81
trans-1,4-Dichloro-2-butene
Concen: 56.132 ug/l
RT: 12.718 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN087931.D
Acq: 23 Sep 2025 15:08

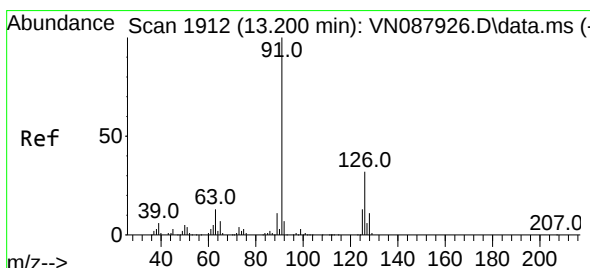
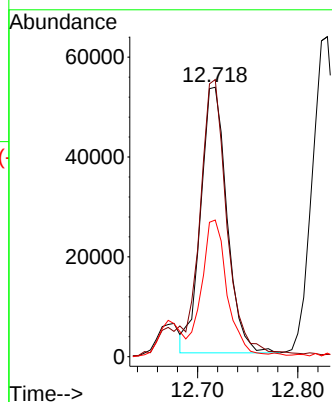
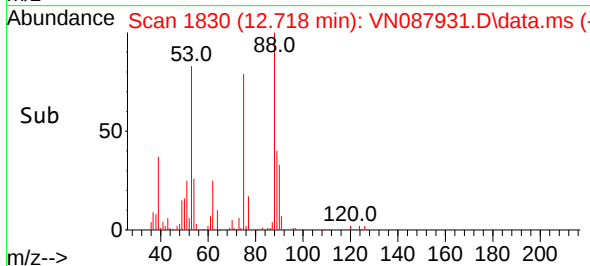
Instrument :
MSVOA_N
ClientSampleId :
ICVVN092325



Tgt Ion: 75 Resp: 9712
Ion Ratio Lower Upper
75 100
53 107.2 82.0 123.0
89 48.3 36.1 54.1

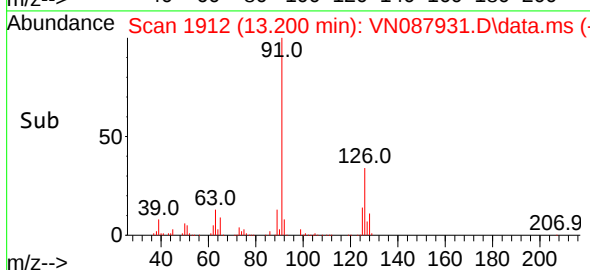
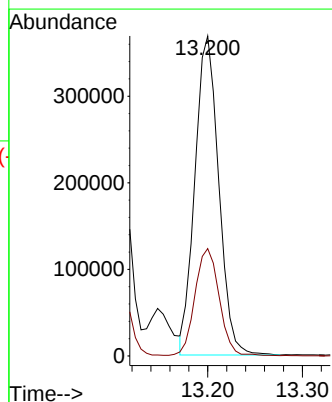
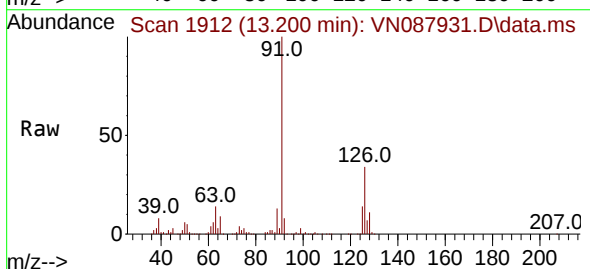
Manual Integrations
APPROVED

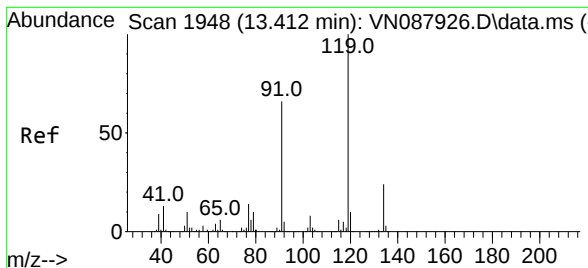
Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025



#82
4-Chlorotoluene
Concen: 55.531 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VN087931.D
Acq: 23 Sep 2025 15:08

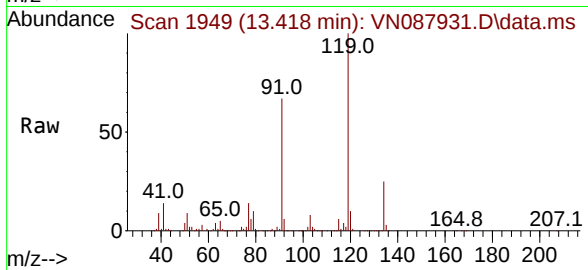
Tgt Ion: 91 Resp: 643471
Ion Ratio Lower Upper
91 100
126 34.3 16.9 50.6





#83
tert-Butylbenzene
Concen: 56.083 ug/l
RT: 13.418 min Scan# 1948
Delta R.T. 0.006 min
Lab File: VN087931.D
Acq: 23 Sep 2025 15:08

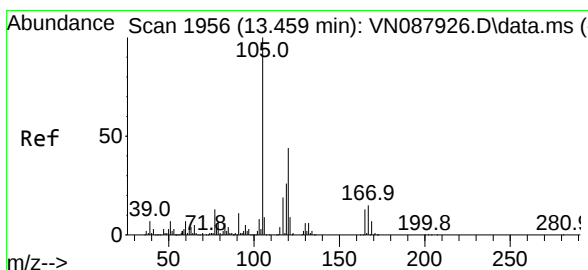
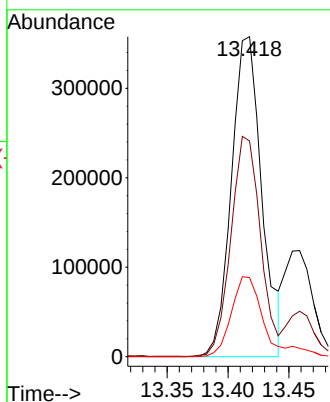
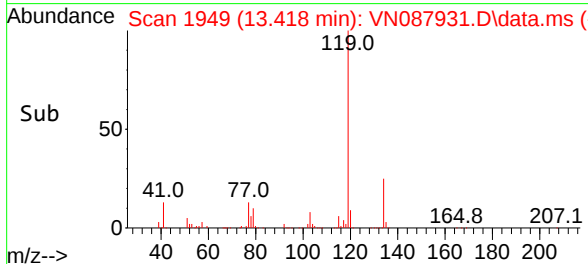
Instrument :
MSVOA_N
ClientSampleId :
ICVVN092325



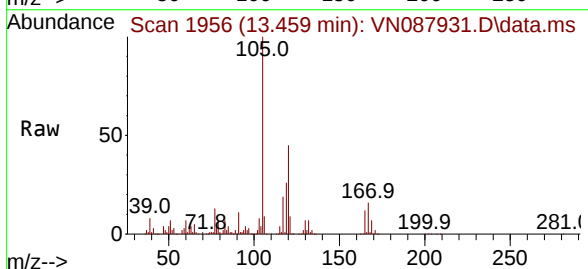
Tgt Ion:119 Resp: 62026
Ion Ratio Lower Upper
119 100
91 66.9 32.1 96.3
134 27.1 12.3 36.8

Manual Integrations
APPROVED

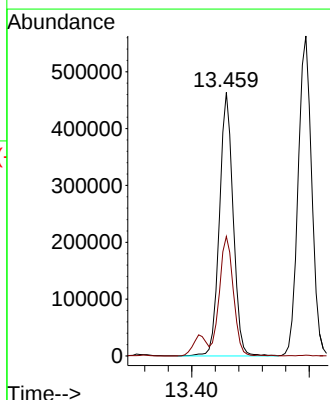
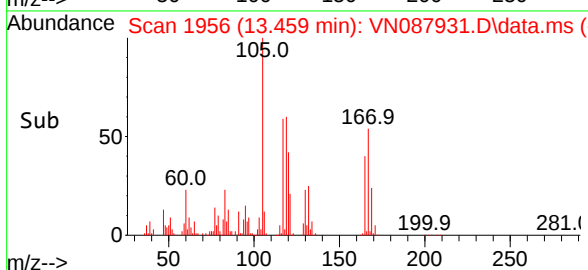
Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025

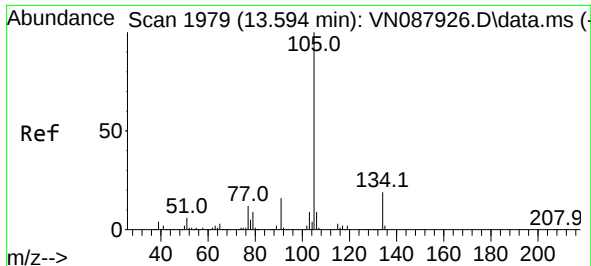


#84
1,2,4-Trimethylbenzene
Concen: 55.971 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN087931.D
Acq: 23 Sep 2025 15:08



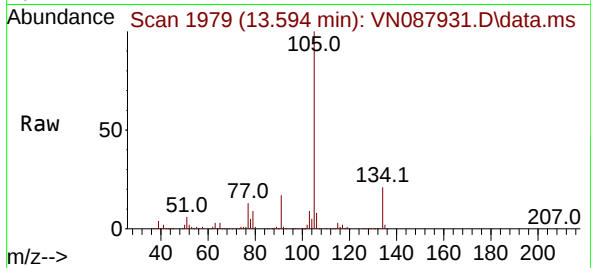
Tgt Ion:105 Resp: 750139
Ion Ratio Lower Upper
105 100
120 45.6 22.4 67.3





#85
 sec-Butylbenzene
 Concen: 55.512 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VN087931.D
 Acq: 23 Sep 2025 15:08

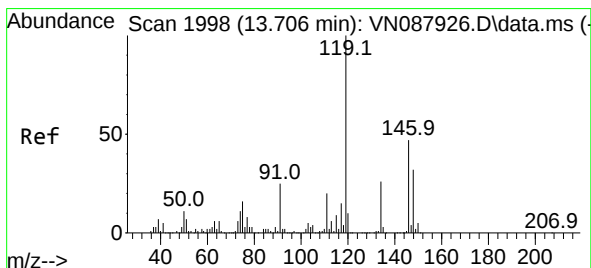
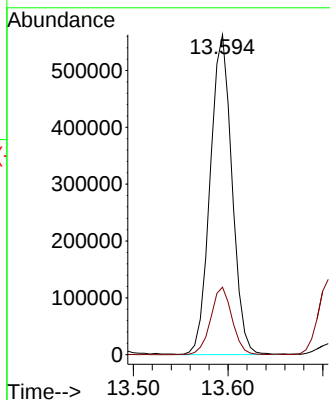
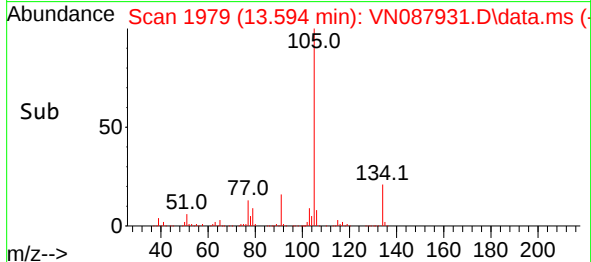
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN092325



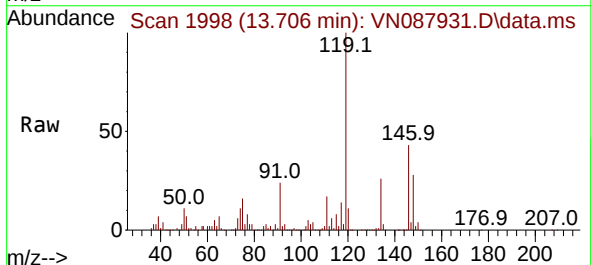
Tgt Ion:105 Resp: 90012
 Ion Ratio Lower Upper
 105 100
 134 20.7 9.6 28.8

Manual Integrations
 APPROVED

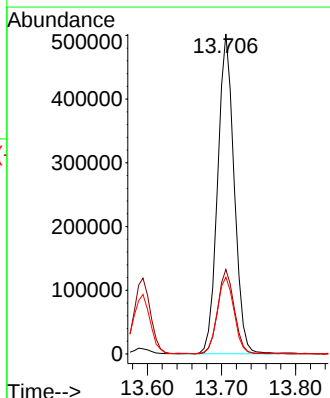
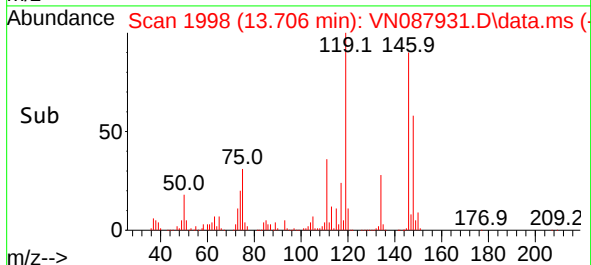
Reviewed By :John Carlone 09/24/2025
 Supervised By :Mahesh Dadoda 09/26/2025

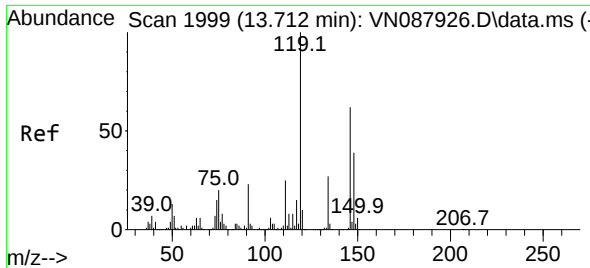


#86
 p-Isopropyltoluene
 Concen: 56.387 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. 0.000 min
 Lab File: VN087931.D
 Acq: 23 Sep 2025 15:08



Tgt Ion:119 Resp: 774380
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.1 39.3
 91 24.4 11.9 35.5





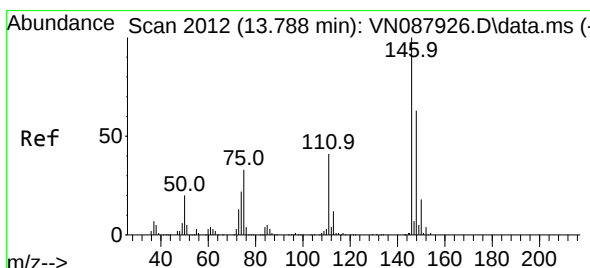
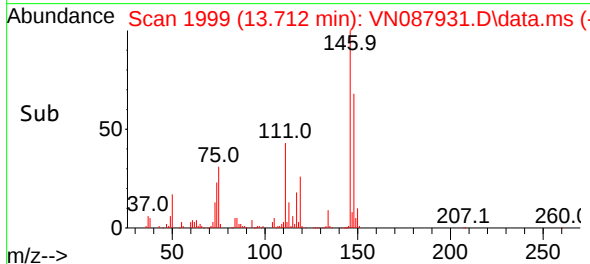
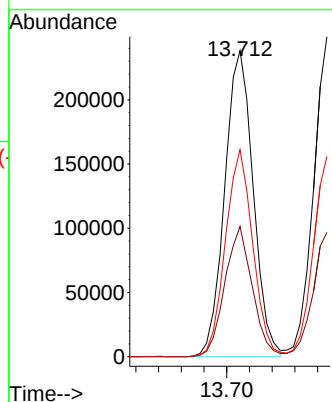
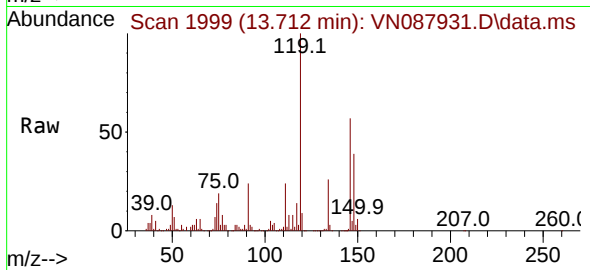
#87
1,3-Dichlorobenzene
Concen: 52.877 ug/l
RT: 13.712 min Scan# 1999
Delta R.T. 0.000 min
Lab File: VN087931.D
Acq: 23 Sep 2025 15:08

Instrument : MSVOA_N
ClientSampleId : ICVVN092325

Tgt Ion:146 Resp: 414732
Ion Ratio Lower Upper
146 100
111 41.2 20.3 60.8
148 65.2 32.4 97.2

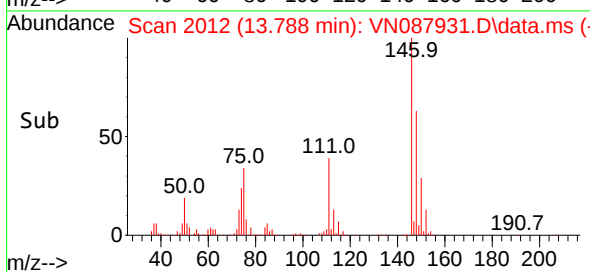
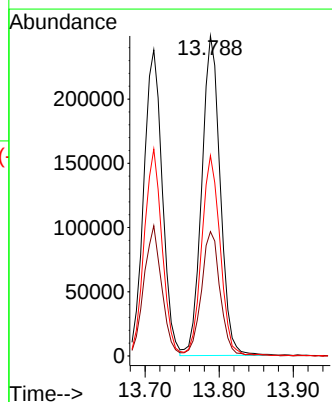
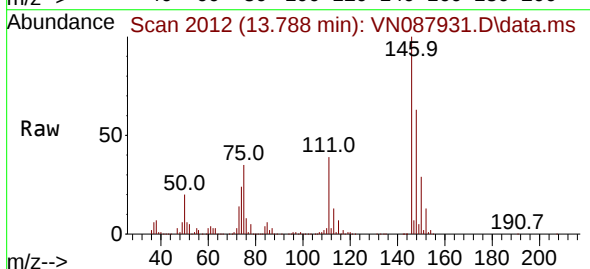
Manual Integrations
APPROVED

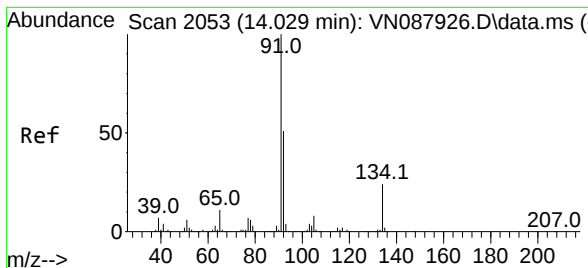
Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025



#88
1,4-Dichlorobenzene
Concen: 53.418 ug/l
RT: 13.788 min Scan# 1212
Delta R.T. 0.000 min
Lab File: VN087931.D
Acq: 23 Sep 2025 15:08

Tgt Ion:146 Resp: 430578
Ion Ratio Lower Upper
146 100
111 39.8 20.5 61.5
148 62.8 32.8 98.4





#89

n-Butylbenzene

Concen: 55.337 ug/l

RT: 14.035 min Scan# 2053

Delta R.T. 0.006 min

Lab File: VN087931.D

Acq: 23 Sep 2025 15:08

Instrument :

MSVOA_N

ClientSampleId :

ICVVN092325

Tgt Ion: 91 Resp: 71820

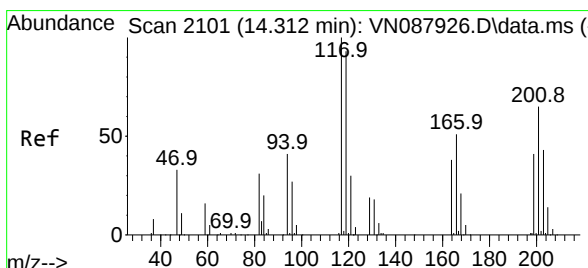
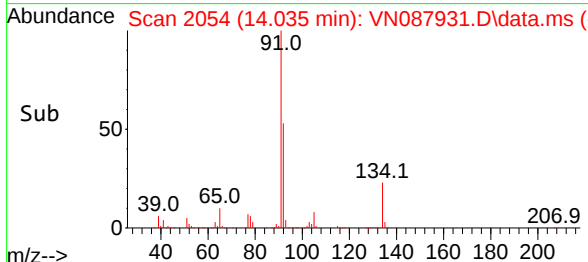
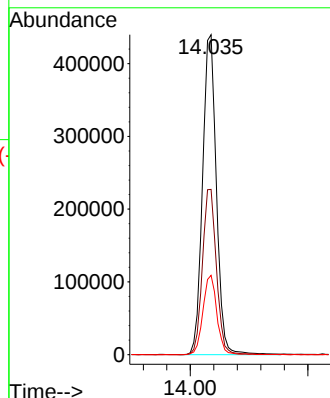
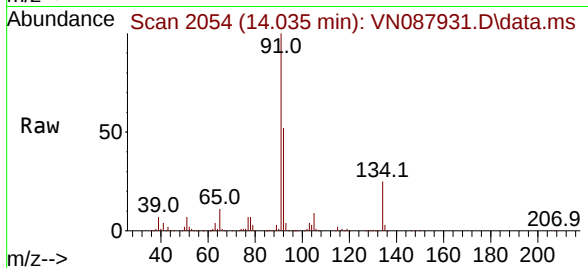
Ion	Ratio	Lower	Upper
91	100		
92	52.3	25.9	77.8
134	24.8	12.6	37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/24/2025

Supervised By :Mahesh Dadoda 09/26/2025



#90

Hexachloroethane

Concen: 51.641 ug/l

RT: 14.312 min Scan# 2101

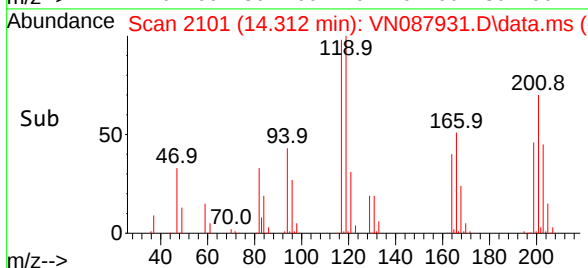
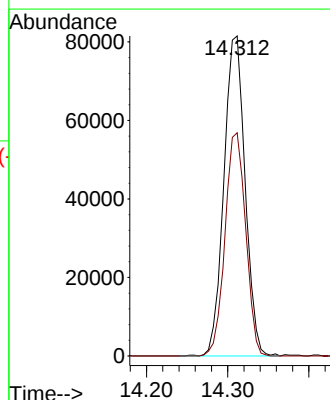
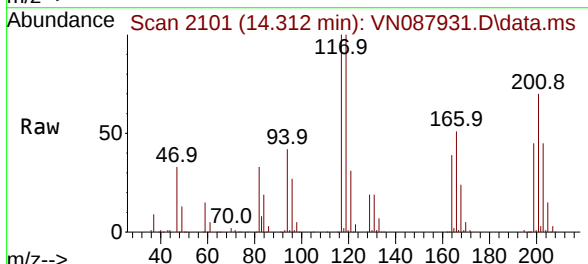
Delta R.T. 0.000 min

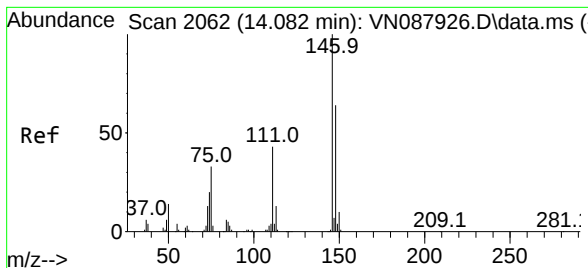
Lab File: VN087931.D

Acq: 23 Sep 2025 15:08

Tgt Ion:117 Resp: 148145

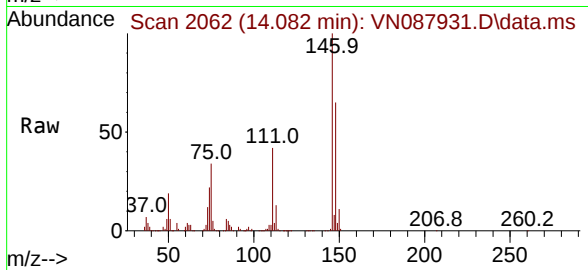
Ion	Ratio	Lower	Upper
117	100		
201	67.8	33.6	100.6





#91
1,2-Dichlorobenzene
Concen: 54.018 ug/l
RT: 14.082 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VN087931.D
Acq: 23 Sep 2025 15:08

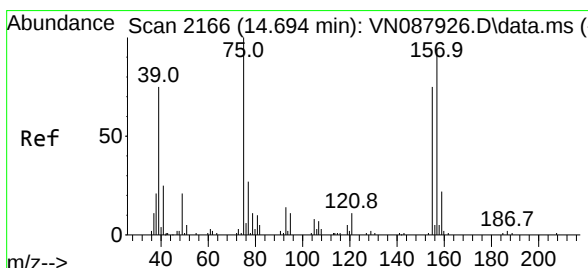
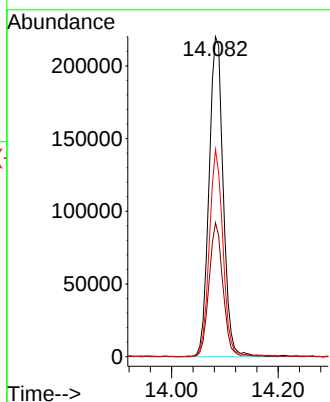
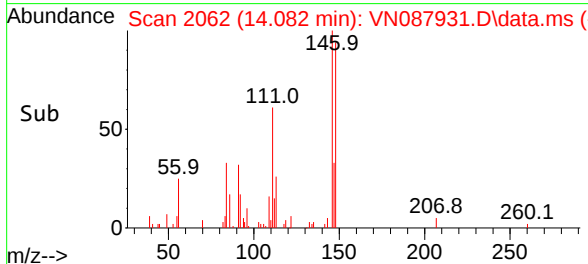
Instrument :
MSVOA_N
ClientSampleId :
ICNVN092325



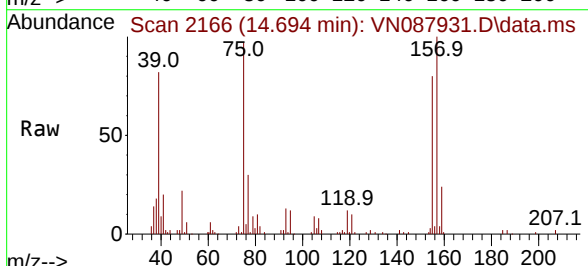
Tgt Ion:146 Resp: 408389
Ion Ratio Lower Upper
146 100
111 41.1 20.9 62.7
148 62.4 31.9 95.9

Manual Integrations
APPROVED

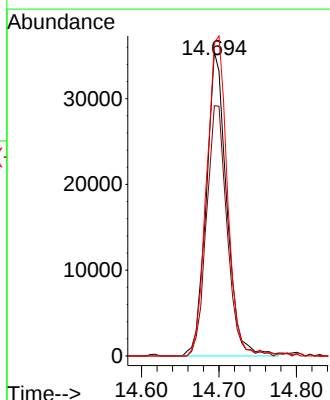
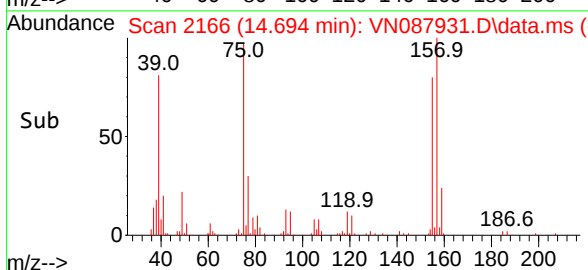
Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025

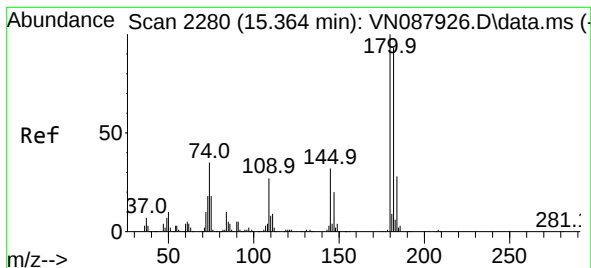


#92
1,2-Dibromo-3-Chloropropane
Concen: 51.268 ug/l
RT: 14.694 min Scan# 2166
Delta R.T. 0.000 min
Lab File: VN087931.D
Acq: 23 Sep 2025 15:08



Tgt Ion: 75 Resp: 64838
Ion Ratio Lower Upper
75 100
155 82.6 40.2 120.6
157 107.5 50.9 152.7





#93

1,2,4-Trichlorobenzene

Concen: 54.519 ug/l

RT: 15.365 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN087931.D

Acq: 23 Sep 2025 15:08

Instrument :

MSVOA_N

ClientSampleId :

ICVVN092325

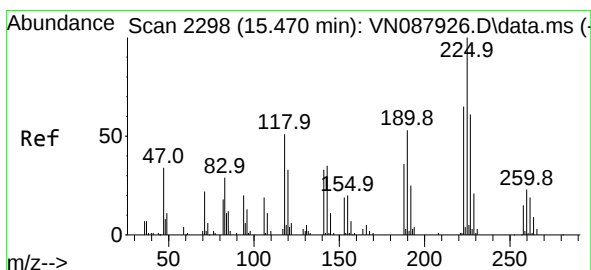
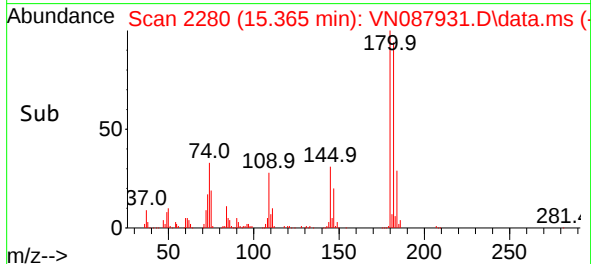
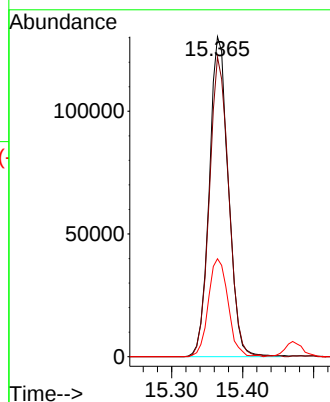
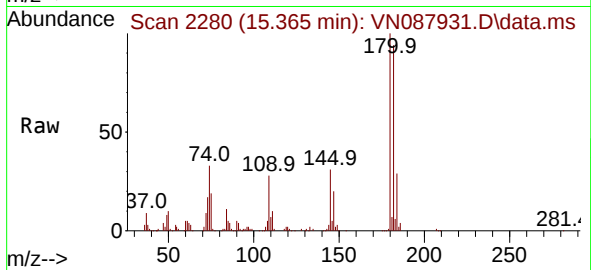
Tgt Ion:180	Resp: 24336
Ion Ratio	Lower Upper
180 100	
182 95.0	48.5 145.5
145 31.6	15.9 47.6

Manual Integrations

APPROVED

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#94

Hexachlorobutadiene

Concen: 53.402 ug/l

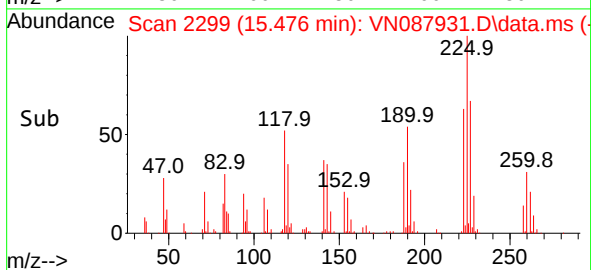
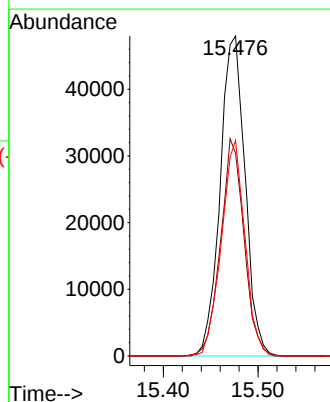
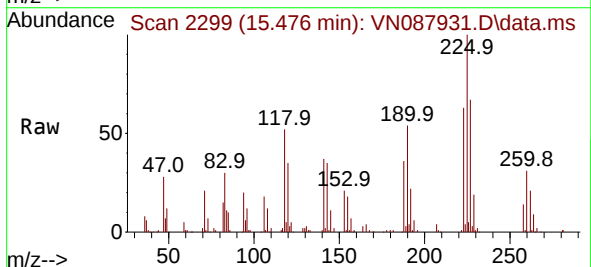
RT: 15.476 min Scan# 2299

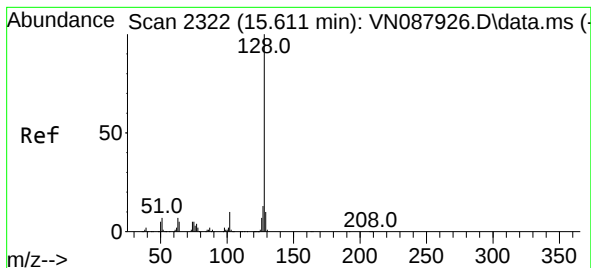
Delta R.T. 0.006 min

Lab File: VN087931.D

Acq: 23 Sep 2025 15:08

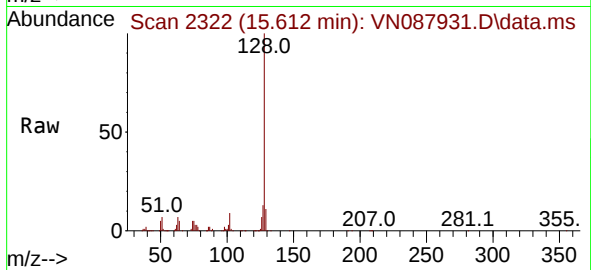
Tgt Ion:225	Resp: 87738
Ion Ratio	Lower Upper
225 100	
223 64.0	31.8 95.4
227 63.9	31.9 95.9





#95
Naphthalene
Concen: 56.013 ug/l
RT: 15.612 min Scan# 2322
Delta R.T. 0.000 min
Lab File: VN087931.D
Acq: 23 Sep 2025 15:08

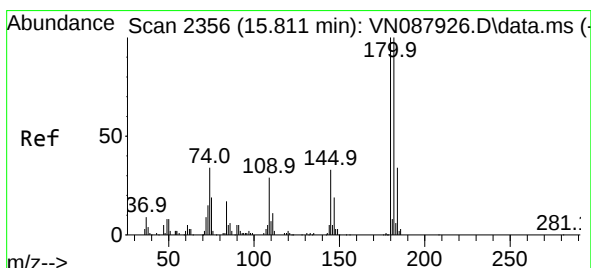
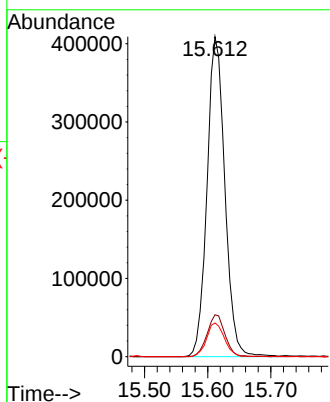
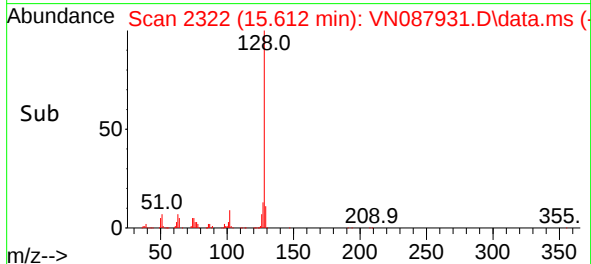
Instrument :
MSVOA_N
ClientSampleId :
ICVVN092325



Tgt Ion:128 Resp: 802609
Ion Ratio Lower Upper
128 100
127 13.2 10.2 15.4
129 10.7 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025



#96
1,2,3-Trichlorobenzene
Concen: 54.441 ug/l
RT: 15.812 min Scan# 2356
Delta R.T. 0.000 min
Lab File: VN087931.D
Acq: 23 Sep 2025 15:08

Tgt Ion:180 Resp: 236254
Ion Ratio Lower Upper
180 100
182 95.6 47.3 142.0
145 33.3 16.1 48.3

