

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072125\
 Data File : VN087368.D
 Acq On : 21 Jul 2025 10:38
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/22/2025
 Supervised By : Mahesh Dadoda 07/22/2025

Quant Time: Jul 22 03:02:49 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 17 02:56:13 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	202357	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	342303	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	307825	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	162263	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	168127	48.966	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.940%		
35) Dibromofluoromethane	8.147	113	121755	51.565	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	103.120%		
50) Toluene-d8	10.547	98	452056	53.671	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	107.340%		
62) 4-Bromofluorobenzene	12.829	95	164788	52.956	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	105.920%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	132620	61.705	ug/l	93
3) Chloromethane	2.383	50	137176	50.754	ug/l	97
4) Vinyl Chloride	2.536	62	146742	54.632	ug/l	93
5) Bromomethane	2.971	94	67780	48.730	ug/l	95
6) Chloroethane	3.136	64	89560	51.128	ug/l	95
7) Trichlorofluoromethane	3.512	101	218623	55.045	ug/l	99
8) Diethyl Ether	3.965	74	77841	50.524	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.359	101	116922	57.347	ug/l	97
10) Methyl Iodide	4.583	142	94184	45.477	ug/l	94
11) Tert butyl alcohol	5.518	59	150479	230.810	ug/l	100
12) 1,1-Dichloroethene	4.336	96	112586	48.730	ug/l	87
13) Acrolein	4.177	56	128290	245.196	ug/l	99
14) Allyl chloride	5.012	41	207234	49.562	ug/l	96
15) Acrylonitrile	5.706	53	424364	239.867	ug/l	99
16) Acetone	4.424	43	358096	222.434	ug/l	100
17) Carbon Disulfide	4.706	76	361501	52.775	ug/l	98
18) Methyl Acetate	5.012	43	192630	47.625	ug/l	99
19) Methyl tert-butyl Ether	5.789	73	438021	51.435	ug/l	98
20) Methylene Chloride	5.265	84	137601	50.568	ug/l	96
21) trans-1,2-Dichloroethene	5.771	96	129240	49.610	ug/l	98
22) Diisopropyl ether	6.659	45	465975	53.129	ug/l	98
23) Vinyl Acetate	6.589	43	2092358	272.771	ug/l	100
24) 1,1-Dichloroethane	6.553	63	252113	49.825	ug/l	98
25) 2-Butanone	7.471	43	592505	238.198	ug/l	97
26) 2,2-Dichloropropane	7.477	77	229345	58.298	ug/l	98
27) cis-1,2-Dichloroethene	7.471	96	154887	51.642	ug/l	98
28) Bromochloromethane	7.794	49	121917	50.344	ug/l	97
29) Tetrahydrofuran	7.824	42	391085	242.020	ug/l	99
30) Chloroform	7.947	83	260496	51.433	ug/l	95
31) Cyclohexane	8.241	56	230222	54.540	ug/l	98
32) 1,1,1-Trichloroethane	8.147	97	229476	52.312	ug/l	99
36) 1,1-Dichloropropene	8.353	75	185889	59.588	ug/l	99
37) Ethyl Acetate	7.547	43	239416	53.140	ug/l	98
38) Carbon Tetrachloride	8.347	117	203929	59.343	ug/l	94
39) Methylcyclohexane	9.582	83	219730	65.059	ug/l	100
40) Benzene	8.588	78	560613	55.603	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.759	41	127502	54.123	ug/l	98
42) 1,2-Dichloroethane	8.653	62	203545	53.235	ug/l	98
43) Isopropyl Acetate	8.671	43	366496	52.402	ug/l	99
44) Trichloroethene	9.335	130	131220	55.080	ug/l	98
45) 1,2-Dichloropropane	9.606	63	144201	56.288	ug/l	95
46) Dibromomethane	9.688	93	99408	51.826	ug/l	97
47) Bromodichloromethane	9.871	83	203072	52.560	ug/l	100
48) Methyl methacrylate	9.665	41	170300	54.088	ug/l	97
49) 1,4-Dioxane	9.682	88	49240	1021.070	ug/l #	100
51) 4-Methyl-2-Pentanone	10.430	43	1149631	259.892	ug/l	100
52) Toluene	10.612	92	344604	56.232	ug/l	98
53) t-1,3-Dichloropropene	10.818	75	217085	55.519	ug/l	98
54) cis-1,3-Dichloropropene	10.294	75	228121	56.480	ug/l	98
55) 1,1,2-Trichloroethane	11.000	97	129044	52.012	ug/l	93
56) Ethyl methacrylate	10.859	69	219636	52.536	ug/l	96
57) 1,3-Dichloropropane	11.141	76	229926	53.600	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.141	63	578951	284.461	ug/l	100
59) 2-Hexanone	11.177	43	805849	274.584	ug/l	100
60) Dibromochloromethane	11.341	129	151360	53.493	ug/l	100
61) 1,2-Dibromoethane	11.447	107	136698	52.401	ug/l	95
64) Tetrachloroethene	11.082	164	112075	56.570	ug/l	92
65) Chlorobenzene	11.871	112	369122	53.411	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.941	131	129020	54.903	ug/l	99
67) Ethyl Benzene	11.941	91	650111	57.142	ug/l	99
68) m/p-Xylenes	12.053	106	509171	119.516	ug/l	100
69) o-Xylene	12.376	106	240930	59.204	ug/l	99
70) Styrene	12.394	104	409701	59.847	ug/l	99
71) Bromoform	12.559	173	102120	53.790	ug/l #	100
73) Isopropylbenzene	12.676	105	625743	61.272	ug/l	100
74) N-amyl acetate	12.494	43	201002	47.372	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.918	83	196891	51.237	ug/l	100
76) 1,2,3-Trichloropropane	12.971	75	196300m	53.949	ug/l	
77) Bromobenzene	12.959	156	149559	56.468	ug/l	98
78) n-propylbenzene	13.012	91	777876	60.540	ug/l	99
79) 2-Chlorotoluene	13.106	91	447756	56.702	ug/l	99
80) 1,3,5-Trimethylbenzene	13.153	105	524279	60.253	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.718	75	71257	53.584	ug/l	95
82) 4-Chlorotoluene	13.200	91	458601	55.780	ug/l	99
83) tert-Butylbenzene	13.418	119	455752	62.712	ug/l	98
84) 1,2,4-Trimethylbenzene	13.459	105	536180	60.341	ug/l	99
85) sec-Butylbenzene	13.594	105	681159	62.226	ug/l	100
86) p-Isopropyltoluene	13.706	119	575261	65.575	ug/l	99
87) 1,3-Dichlorobenzene	13.712	146	289139	55.624	ug/l	100
88) 1,4-Dichlorobenzene	13.788	146	295512	53.229	ug/l	99
89) n-Butylbenzene	14.035	91	534390	63.795	ug/l	99
90) Hexachloroethane	14.312	117	108610	58.433	ug/l	96
91) 1,2-Dichlorobenzene	14.082	146	272418	55.319	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.700	75	47578	47.158	ug/l	98
93) 1,2,4-Trichlorobenzene	15.370	180	168911	58.393	ug/l	98
94) Hexachlorobutadiene	15.476	225	70795	65.866	ug/l	98
95) Naphthalene	15.617	128	564590	55.095	ug/l	99
96) 1,2,3-Trichlorobenzene	15.817	180	165516	57.042	ug/l	100

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MSVOA_N
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VSTDCCC050

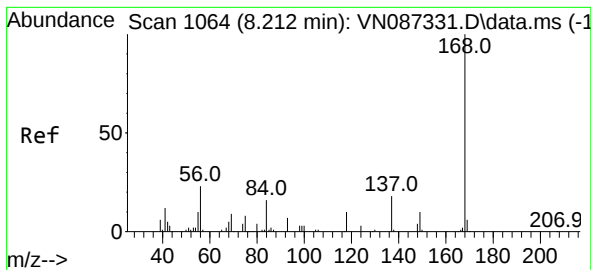
Manual Integrations
APPROVED

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Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:56:13 2025
Response via : Initial Calibration

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



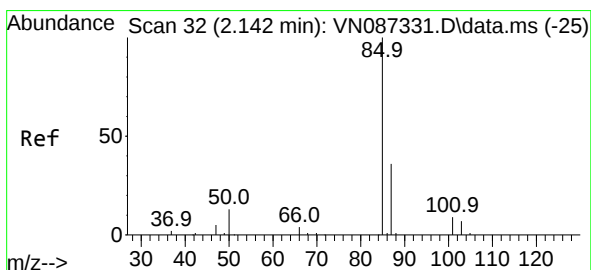
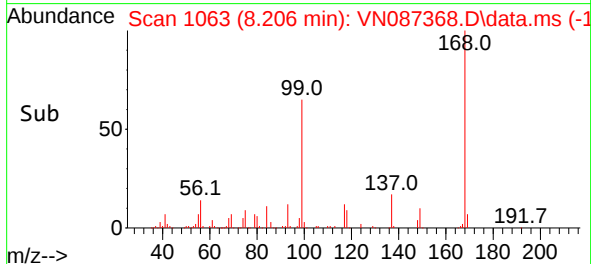
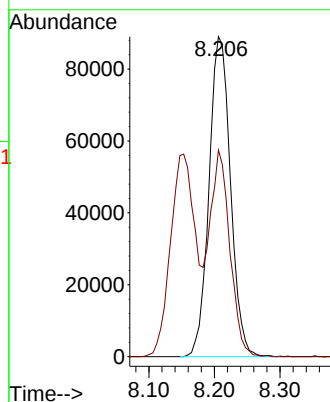
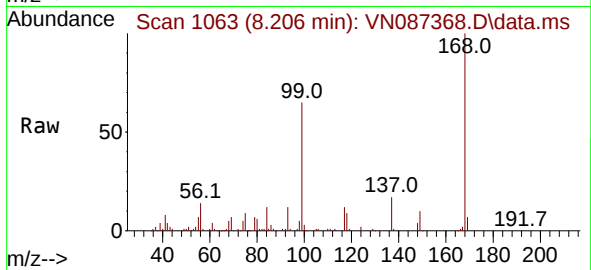
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 10
Delta R.T. -0.006 min
Lab File: VN087368.D
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Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:168 Resp: 20235
Ion Ratio Lower Upper
168 100
99 64.4 47.9 71.9

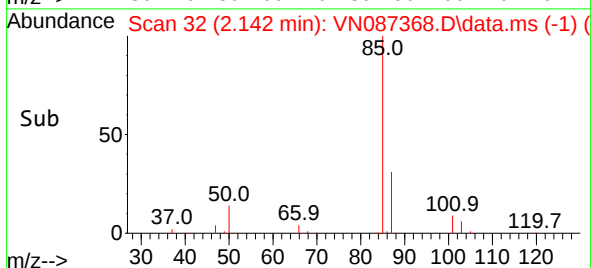
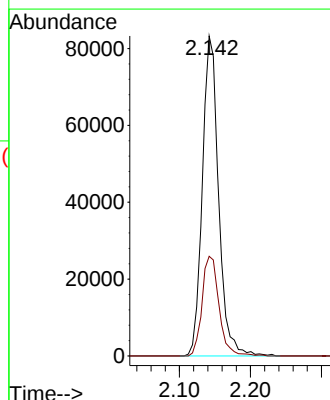
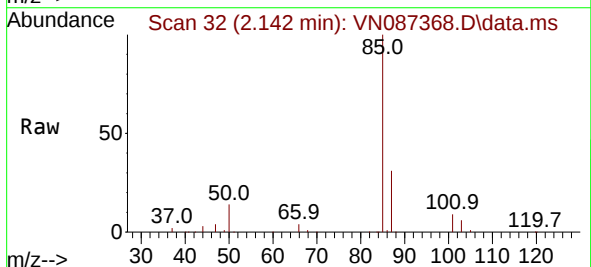
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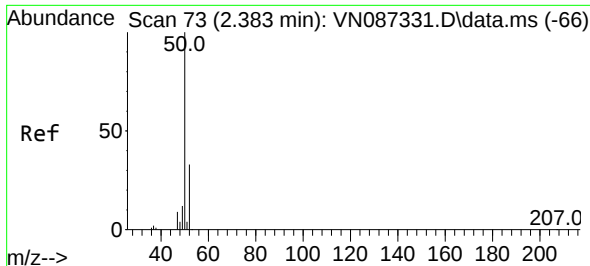
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#2
Dichlorodifluoromethane
Concen: 61.705 ug/l
RT: 2.142 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN087368.D
Acq: 21 Jul 2025 10:38

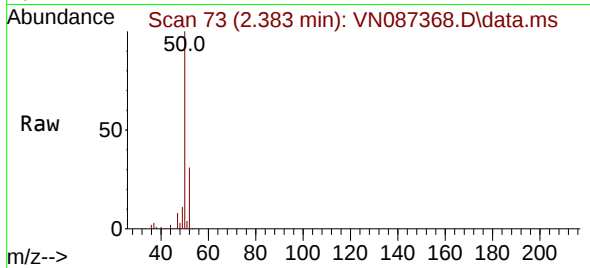
Tgt Ion: 85 Resp: 132620
Ion Ratio Lower Upper
85 100
87 31.2 17.8 53.3





#3
Chloromethane
Concen: 50.754 ug/l
RT: 2.383 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN087368.D
Acq: 21 Jul 2025 10:38

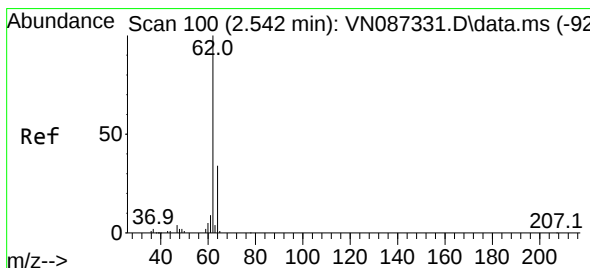
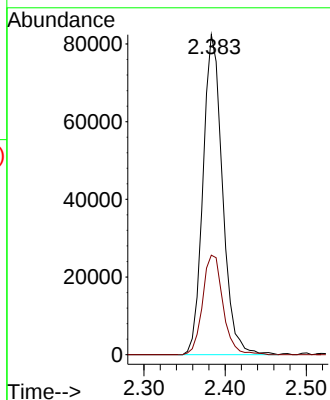
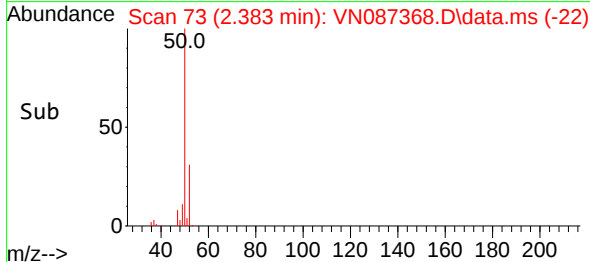
Instrument :
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ClientSampleId :
VSTDCCC050



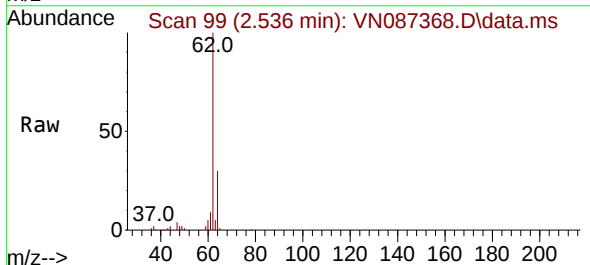
Tgt Ion: 50 Resp: 137170
Ion Ratio Lower Upper
50 100
52 31.1 26.3 39.5

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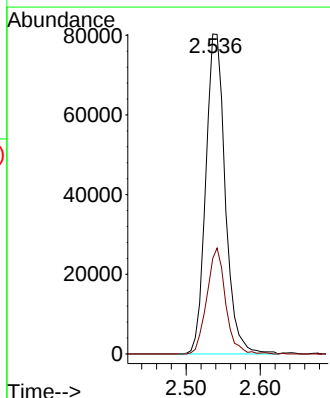
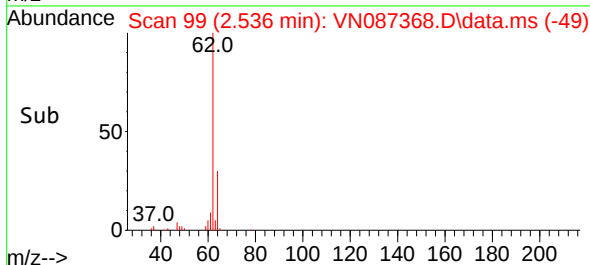
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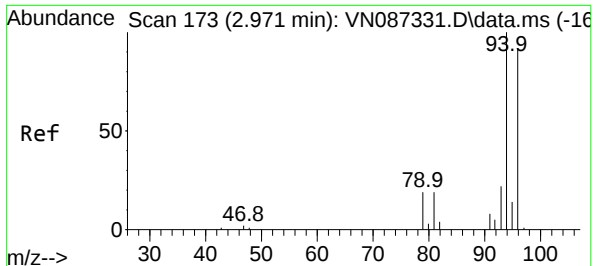


#4
Vinyl Chloride
Concen: 54.632 ug/l
RT: 2.536 min Scan# 99
Delta R.T. -0.006 min
Lab File: VN087368.D
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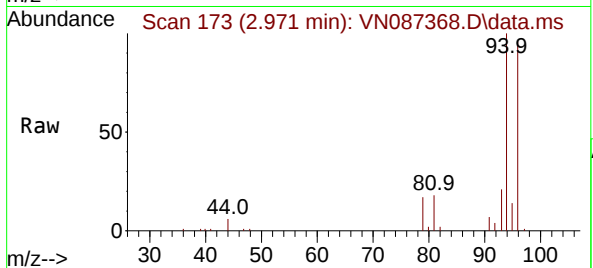
Tgt Ion: 62 Resp: 146742
Ion Ratio Lower Upper
62 100
64 29.9 27.0 40.6





#5
Bromomethane
Concen: 48.730 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087368.D
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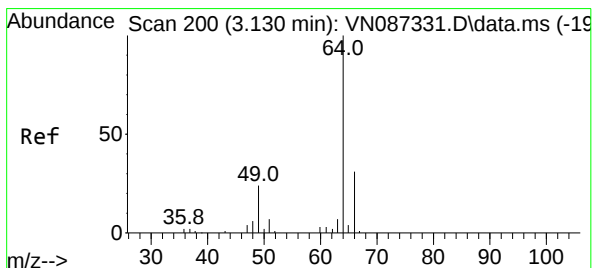
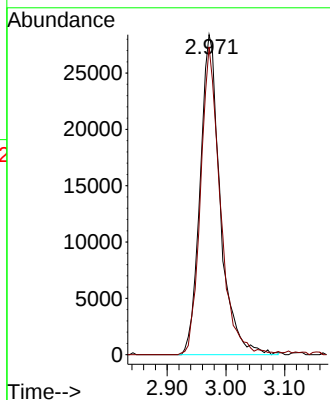
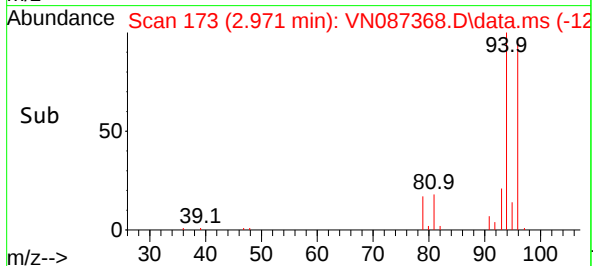
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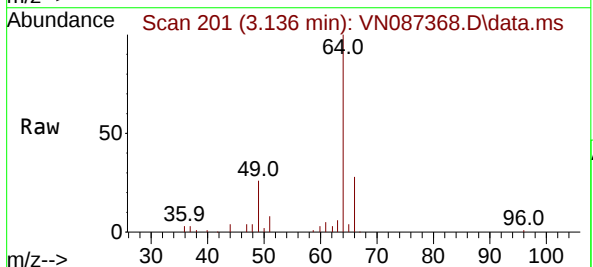
Tgt Ion: 94 Resp: 67780
Ion Ratio Lower Upper
94 100
96 96.2 73.4 110.2

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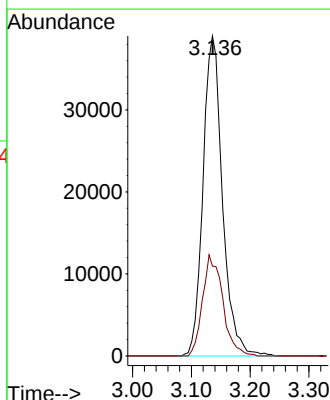
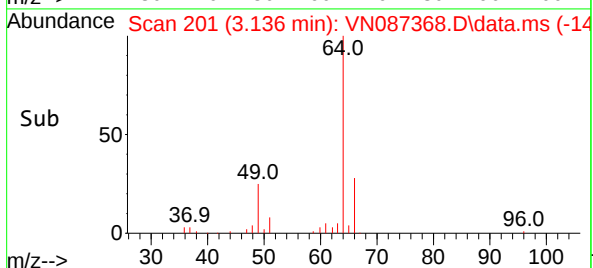
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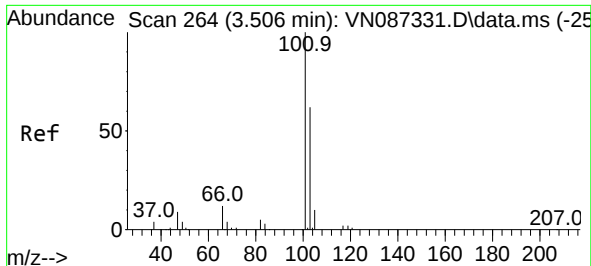


#6
Chloroethane
Concen: 51.128 ug/l
RT: 3.136 min Scan# 201
Delta R.T. 0.006 min
Lab File: VN087368.D
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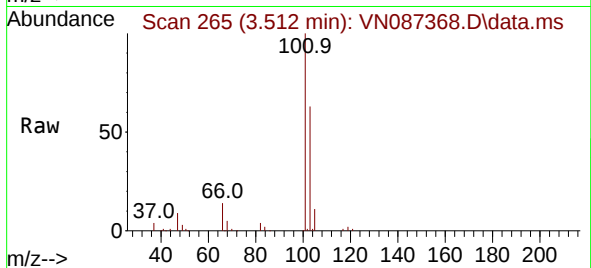
Tgt Ion: 64 Resp: 89560
Ion Ratio Lower Upper
64 100
66 28.0 24.6 36.8





#7
 Trichlorofluoromethane
 Concen: 55.045 ug/l
 RT: 3.512 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VN087368.D
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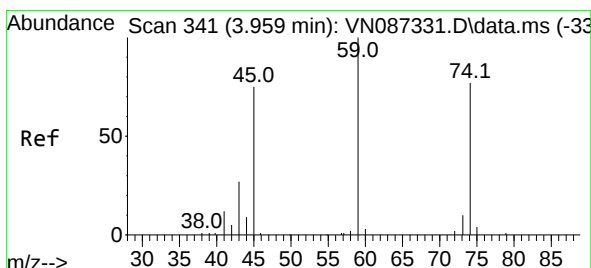
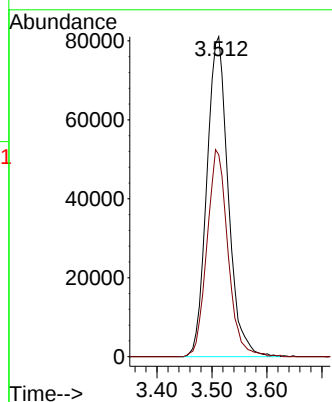
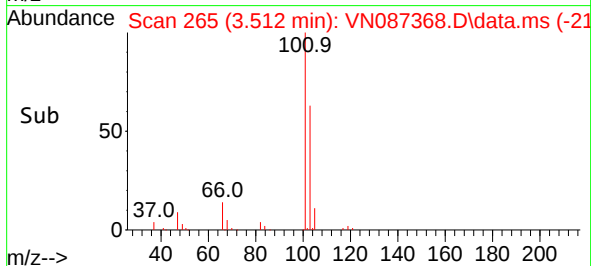
Instrument :
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 VSTDCCC050



Tgt Ion:101 Resp: 21862
 Ion Ratio Lower Upper
 101 100
 103 63.1 49.8 74.6

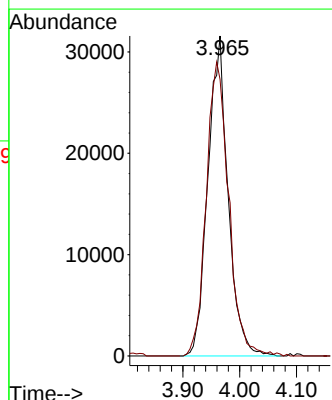
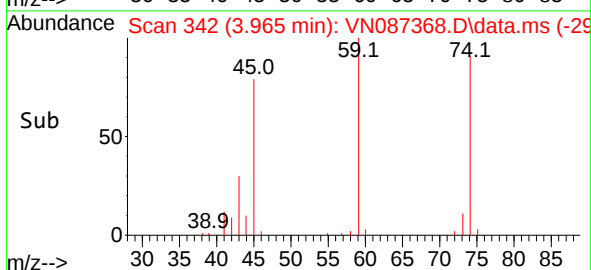
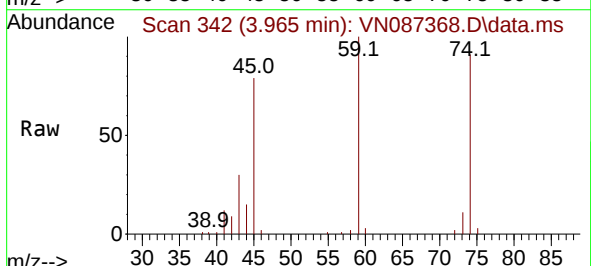
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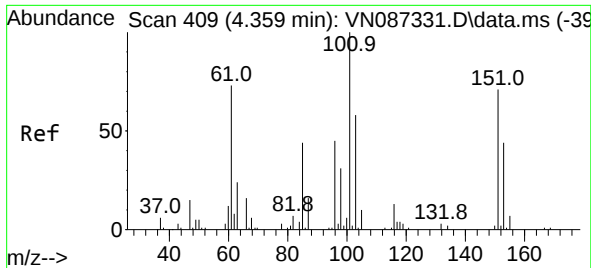
Reviewed By :John Carlone 07/22/2025
 Supervised By :Mahesh Dadoda 07/22/2025



#8
 Diethyl Ether
 Concen: 50.524 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.006 min
 Lab File: VN087368.D
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Tgt Ion: 74 Resp: 77841
 Ion Ratio Lower Upper
 74 100
 45 102.1 50.8 152.5





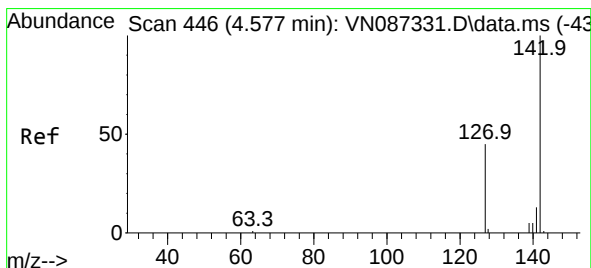
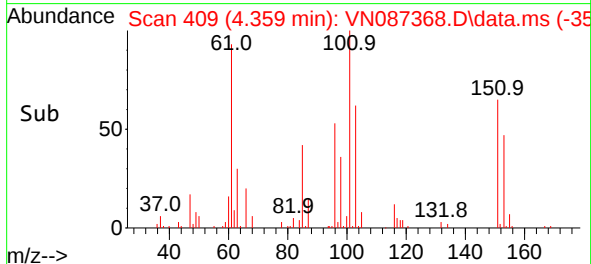
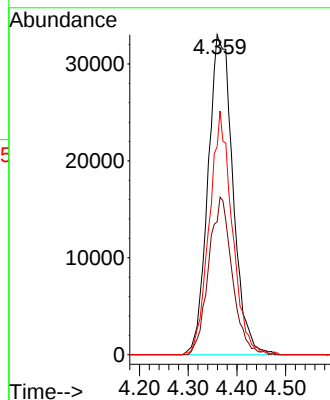
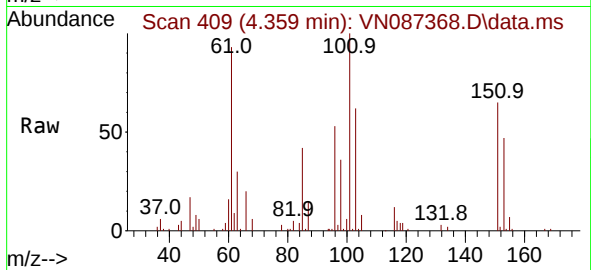
#9
1,1,2-Trichlorotrifluoroethane
Concen: 57.347 ug/l
RT: 4.359 min Scan# 409
Delta R.T. 0.000 min
Lab File: VN087368.D
Acq: 21 Jul 2025 10:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 11692
Ion Ratio Lower Upper
101 100
85 46.6 37.3 55.9
151 70.1 58.9 88.3

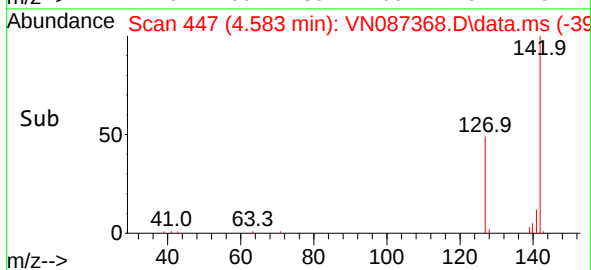
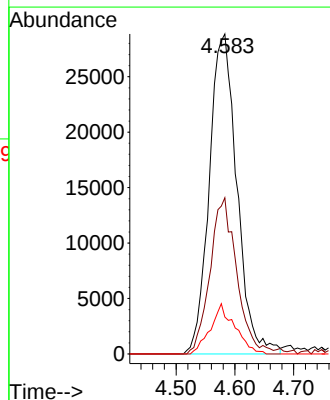
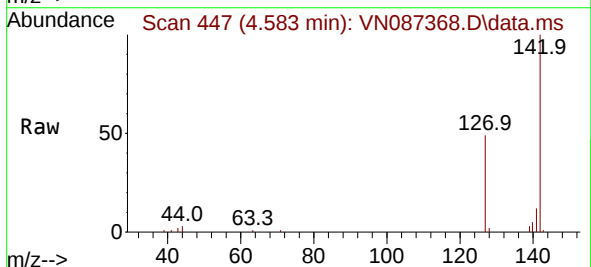
Manual Integrations
APPROVED

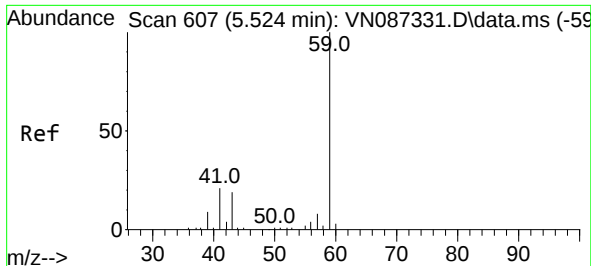
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#10
Methyl Iodide
Concen: 45.477 ug/l
RT: 4.583 min Scan# 447
Delta R.T. 0.006 min
Lab File: VN087368.D
Acq: 21 Jul 2025 10:38

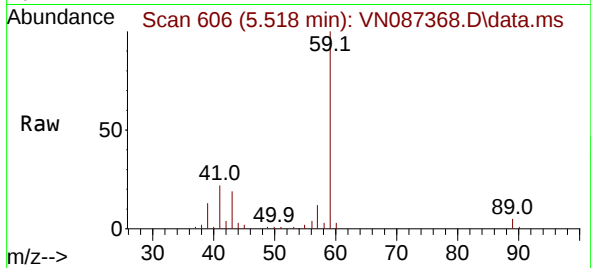
Tgt Ion:142 Resp: 94184
Ion Ratio Lower Upper
142 100
127 48.8 35.7 53.5
141 11.6 10.4 15.6





#11
Tert butyl alcohol
Concen: 230.810 ug/l
RT: 5.518 min Scan# 607
Delta R.T. -0.006 min
Lab File: VN087368.D
Acq: 21 Jul 2025 10:38

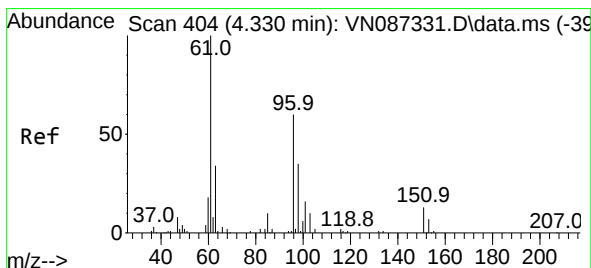
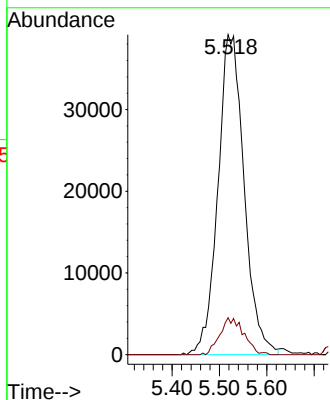
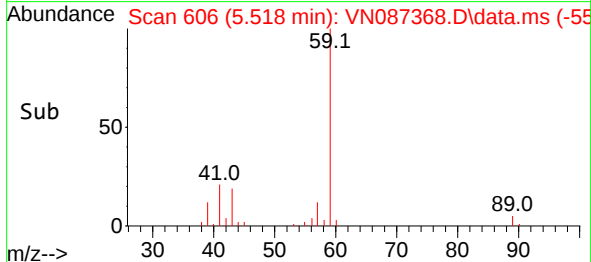
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



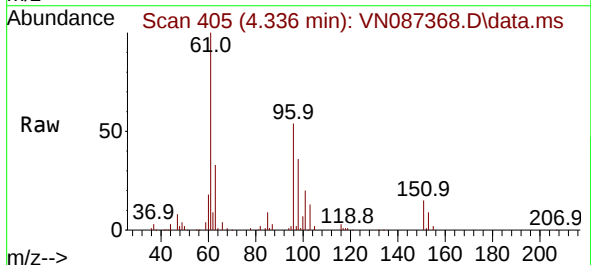
Tgt Ion: 59 Resp: 150479
Ion Ratio Lower Upper
59 100
57 10.6 8.3 12.5

Manual Integrations
APPROVED

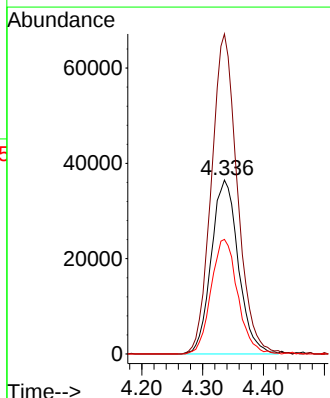
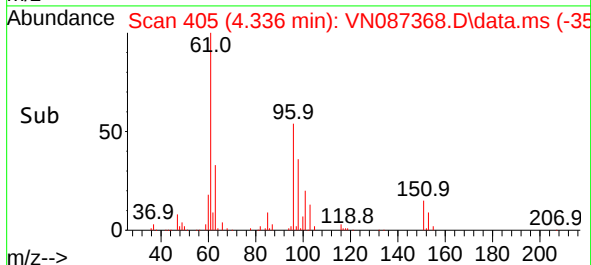
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025

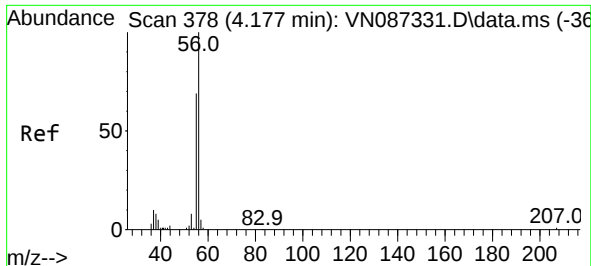


#12
1,1-Dichloroethene
Concen: 48.730 ug/l
RT: 4.336 min Scan# 405
Delta R.T. 0.006 min
Lab File: VN087368.D
Acq: 21 Jul 2025 10:38



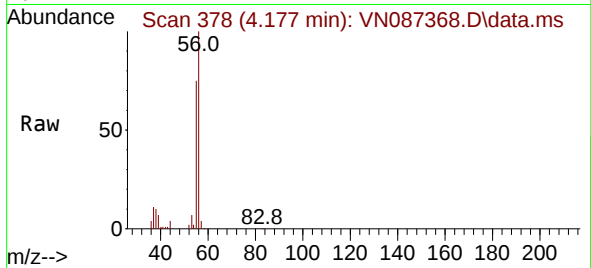
Tgt Ion: 96 Resp: 112586
Ion Ratio Lower Upper
96 100
61 183.9 132.3 198.5
98 65.8 46.8 70.2





#13
Acrolein
Concen: 245.196 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN087368.D
Acq: 21 Jul 2025 10:38

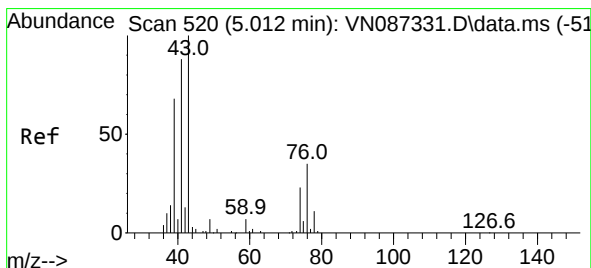
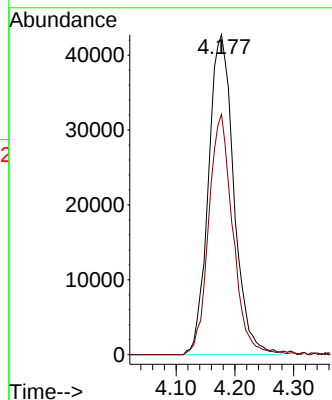
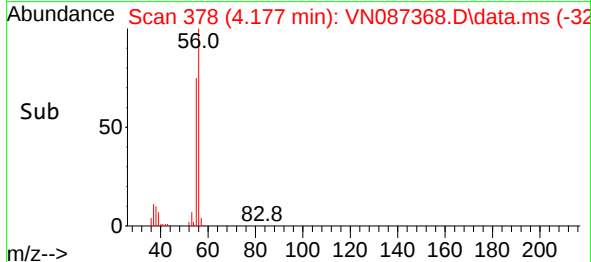
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 128290
Ion Ratio Lower Upper
56 100
55 71.1 56.2 84.4

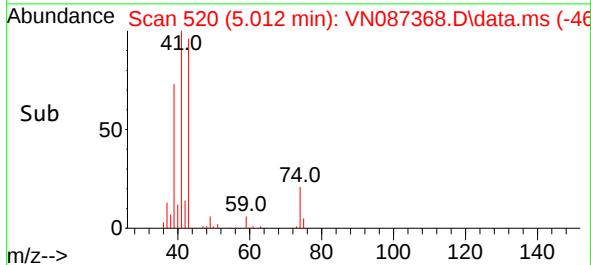
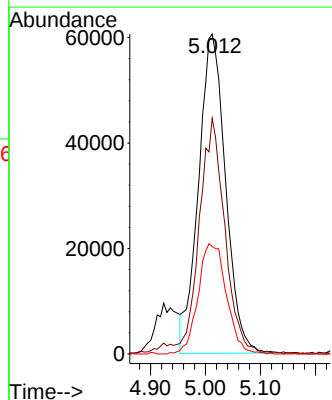
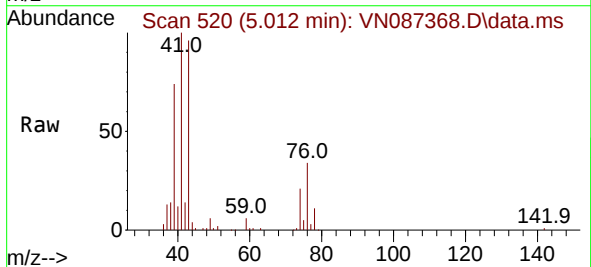
Manual Integrations
APPROVED

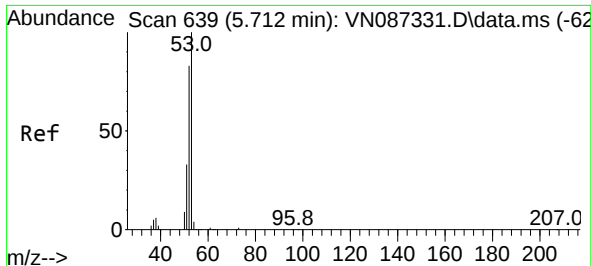
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#14
Allyl chloride
Concen: 49.562 ug/l
RT: 5.012 min Scan# 520
Delta R.T. 0.000 min
Lab File: VN087368.D
Acq: 21 Jul 2025 10:38

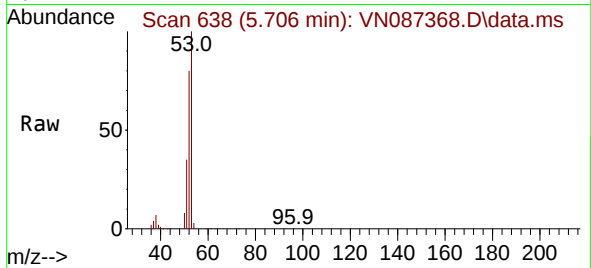
Tgt Ion: 41 Resp: 207234
Ion Ratio Lower Upper
41 100
39 68.5 59.0 88.6
76 36.1 28.7 43.1





#15
Acrylonitrile
Concen: 239.867 ug/l
RT: 5.706 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN087368.D
Acq: 21 Jul 2025 10:38

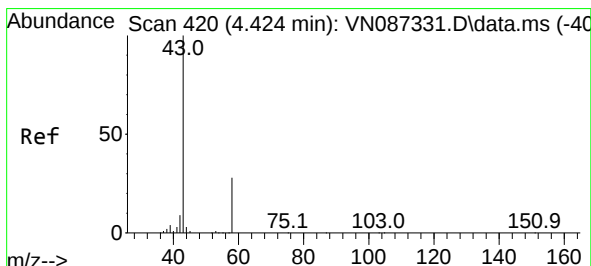
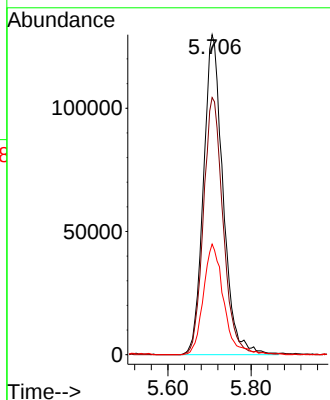
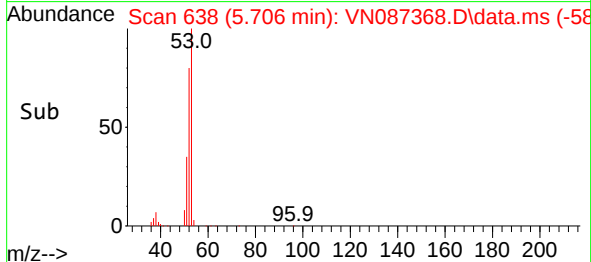
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



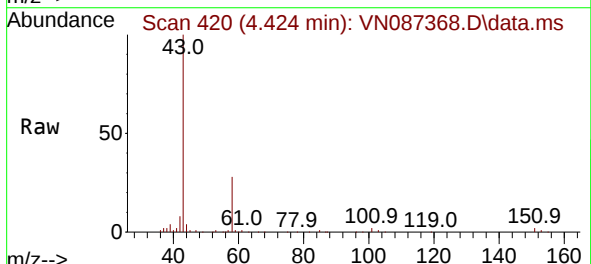
Tgt Ion: 53 Resp: 424364
Ion Ratio Lower Upper
53 100
52 80.8 65.5 98.3
51 35.8 28.7 43.1

Manual Integrations
APPROVED

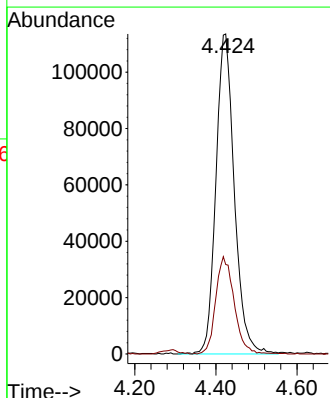
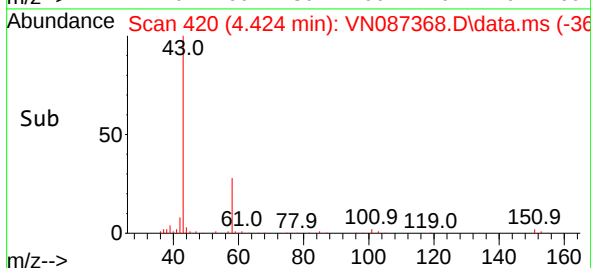
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025

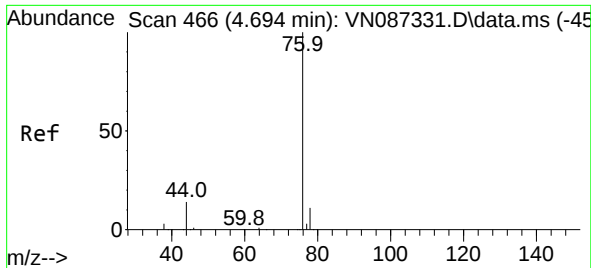


#16
Acetone
Concen: 222.434 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN087368.D
Acq: 21 Jul 2025 10:38



Tgt Ion: 43 Resp: 358096
Ion Ratio Lower Upper
43 100
58 27.8 22.3 33.5





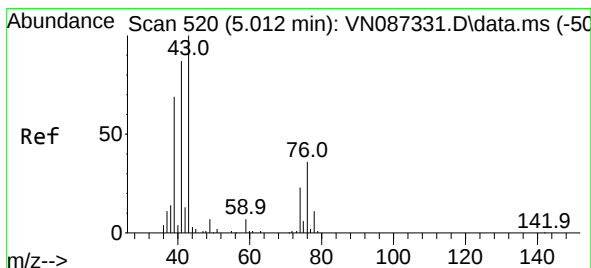
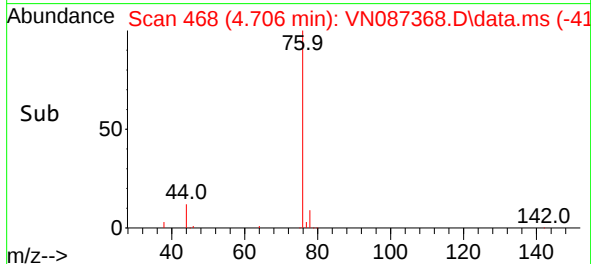
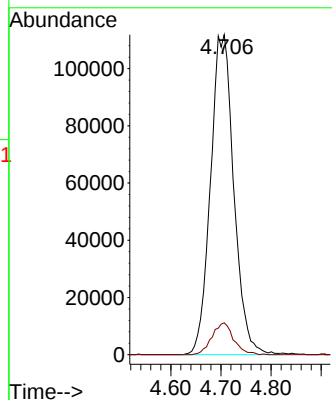
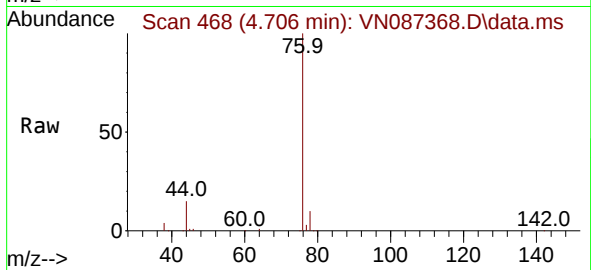
#17
Carbon Disulfide
Concen: 52.775 ug/l
RT: 4.706 min Scan# 468
Delta R.T. 0.012 min
Lab File: VN087368.D
Acq: 21 Jul 2025 10:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 36150
Ion Ratio Lower Upper
76 100
78 9.9 8.6 13.0

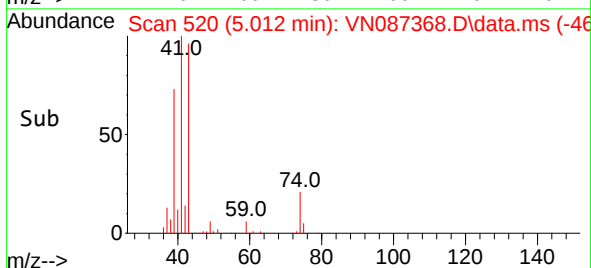
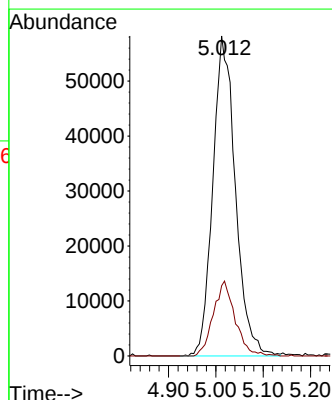
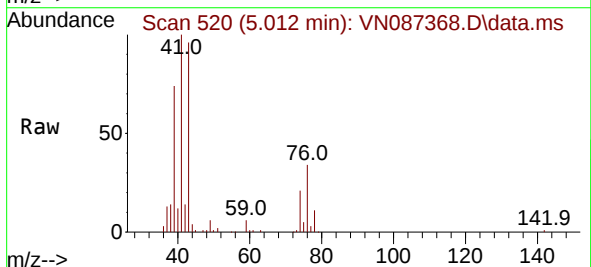
Manual Integrations
APPROVED

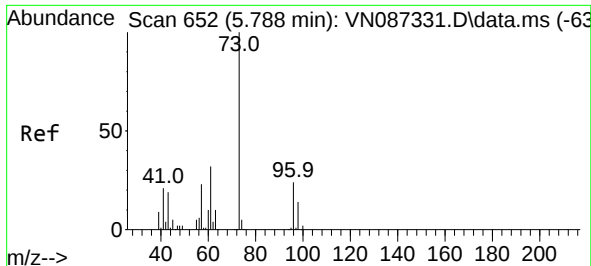
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#18
Methyl Acetate
Concen: 47.625 ug/l
RT: 5.012 min Scan# 520
Delta R.T. 0.000 min
Lab File: VN087368.D
Acq: 21 Jul 2025 10:38

Tgt Ion: 43 Resp: 192630
Ion Ratio Lower Upper
43 100
74 22.7 17.8 26.6





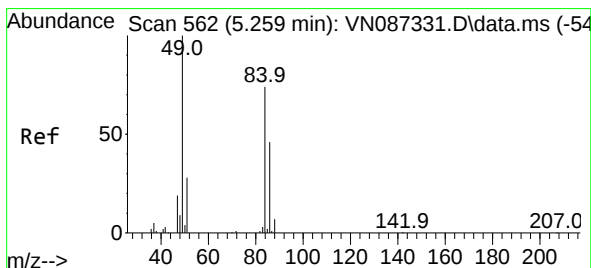
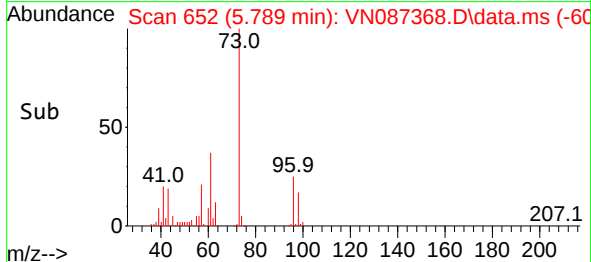
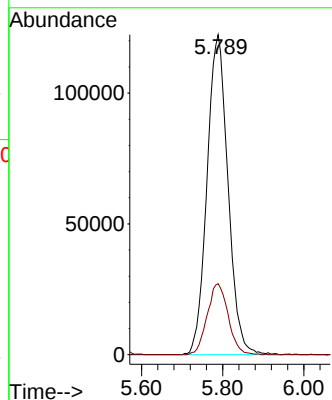
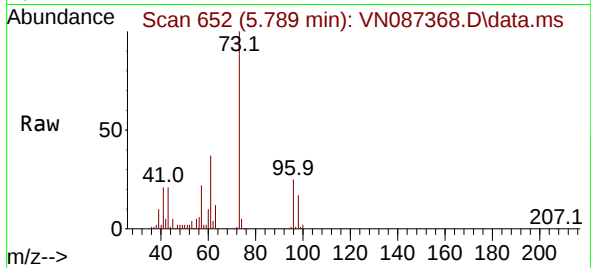
#19
Methyl tert-butyl Ether
Concen: 51.435 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN087368.D
Acq: 21 Jul 2025 10:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 43802
Ion Ratio Lower Upper
73 100
57 22.2 18.6 27.8

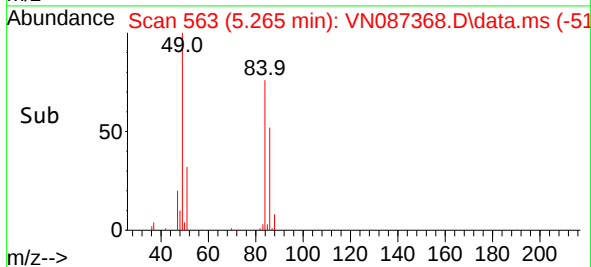
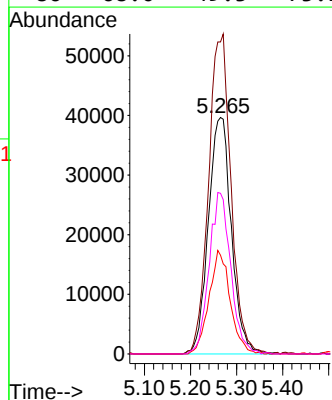
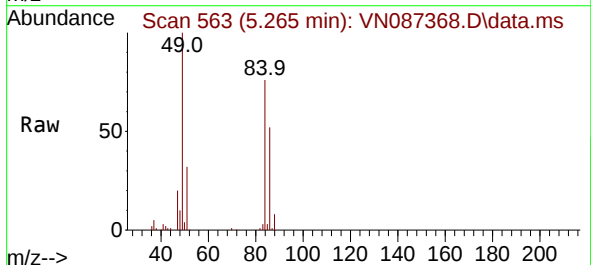
Manual Integrations
APPROVED

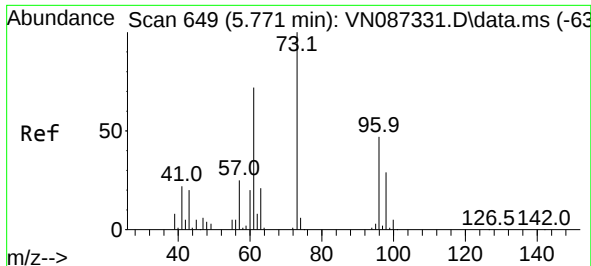
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#20
Methylene Chloride
Concen: 50.568 ug/l
RT: 5.265 min Scan# 563
Delta R.T. 0.006 min
Lab File: VN087368.D
Acq: 21 Jul 2025 10:38

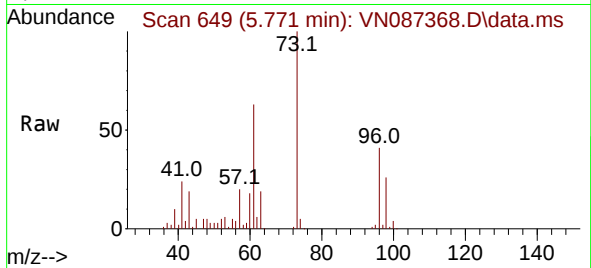
Tgt Ion: 84 Resp: 137601
Ion Ratio Lower Upper
84 100
49 131.9 107.5 161.3
51 41.7 30.2 45.2
86 68.0 49.3 73.9





#21
trans-1,2-Dichloroethene
Concen: 49.610 ug/l
RT: 5.771 min Scan# 649
Delta R.T. -0.000 min
Lab File: VN087368.D
Acq: 21 Jul 2025 10:38

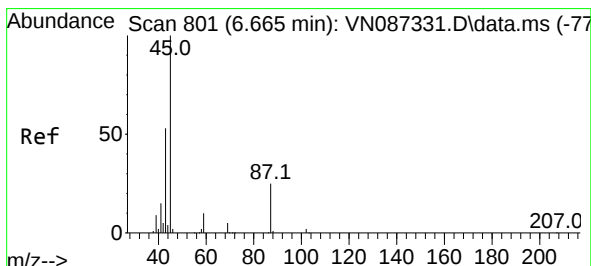
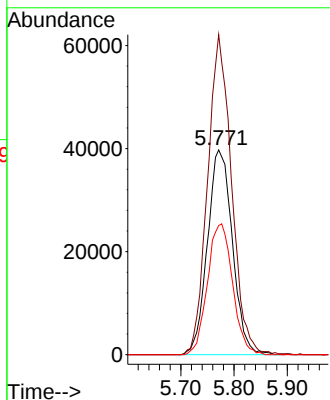
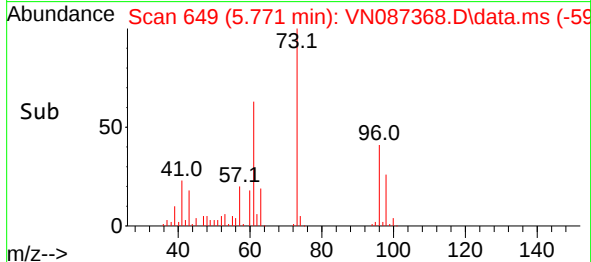
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



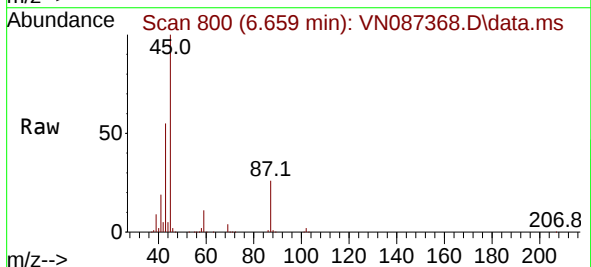
Tgt Ion: 96 Resp: 129240
Ion Ratio Lower Upper
96 100
61 156.3 122.0 183.0
98 63.0 50.0 75.0

Manual Integrations
APPROVED

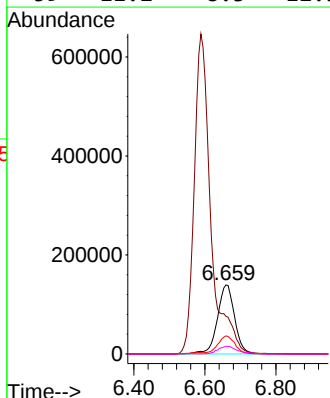
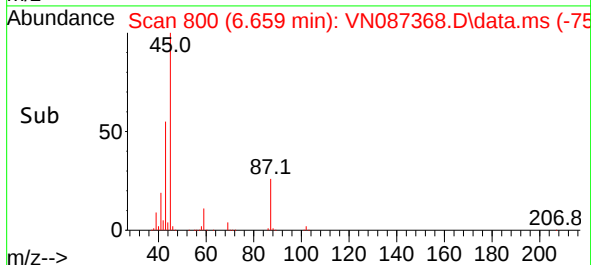
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025

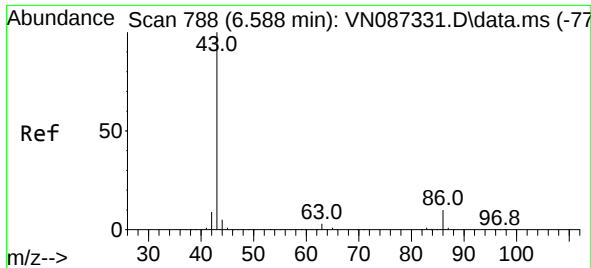


#22
Diisopropyl ether
Concen: 53.129 ug/l
RT: 6.659 min Scan# 800
Delta R.T. -0.006 min
Lab File: VN087368.D
Acq: 21 Jul 2025 10:38



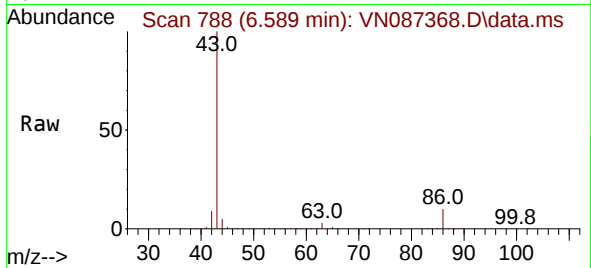
Tgt Ion: 45 Resp: 465975
Ion Ratio Lower Upper
45 100
43 54.3 42.8 64.2
87 26.1 19.8 29.6
59 11.2 8.3 12.5





#23
 Vinyl Acetate
 Concen: 272.771 ug/l
 RT: 6.589 min Scan# 788
 Delta R.T. 0.001 min
 Lab File: VN087368.D
 Acq: 21 Jul 2025 10:38

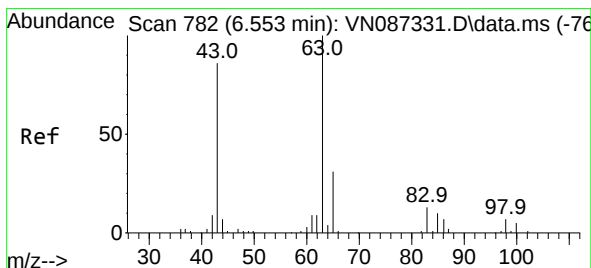
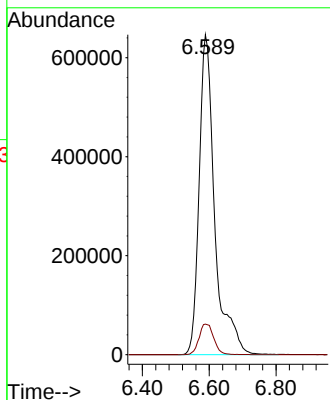
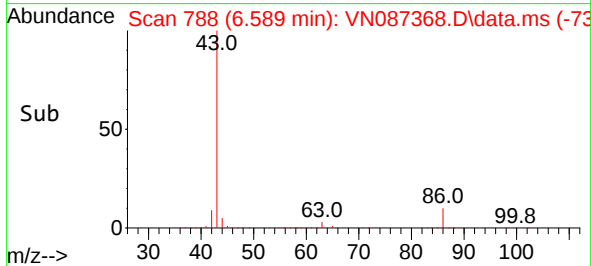
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



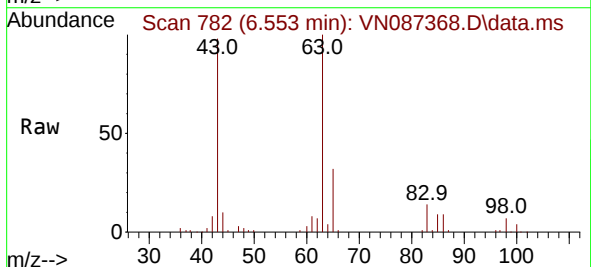
Tgt Ion: 43 Resp: 209235
 Ion Ratio Lower Upper
 43 100
 86 9.5 7.7 11.5

Manual Integrations
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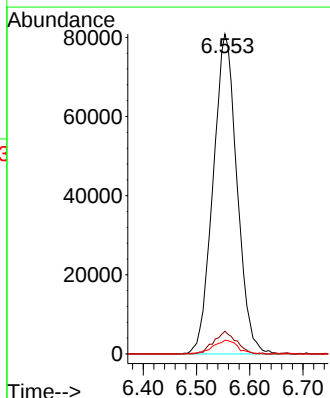
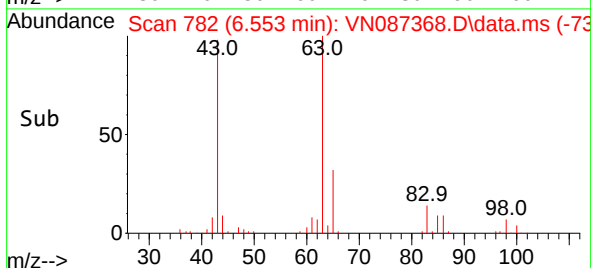
Reviewed By :John Carlone 07/22/2025
 Supervised By :Mahesh Dadoda 07/22/2025

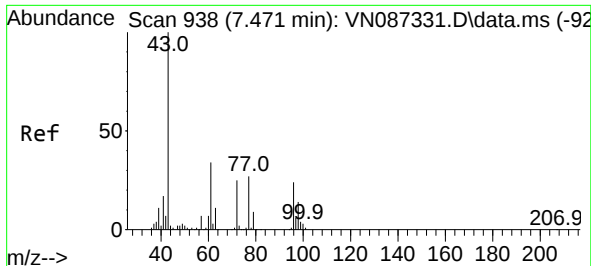


#24
 1,1-Dichloroethane
 Concen: 49.825 ug/l
 RT: 6.553 min Scan# 782
 Delta R.T. 0.000 min
 Lab File: VN087368.D
 Acq: 21 Jul 2025 10:38



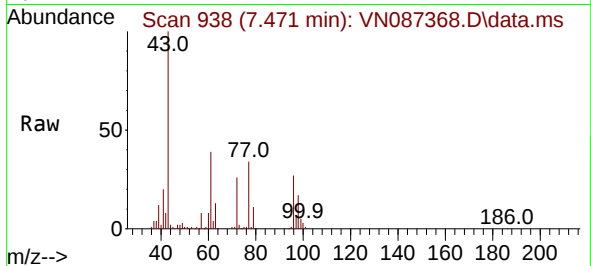
Tgt Ion: 63 Resp: 252113
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.3 9.9
 100 4.3 2.5 7.4





#25
2-Butanone
Concen: 238.198 ug/l
RT: 7.471 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN087368.D
Acq: 21 Jul 2025 10:38

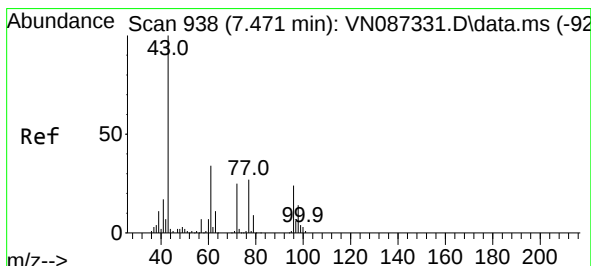
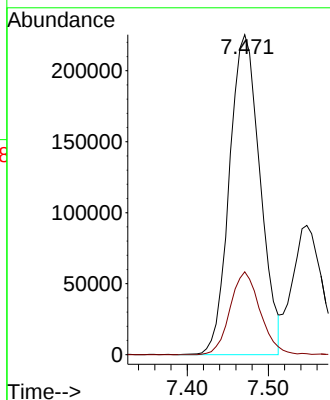
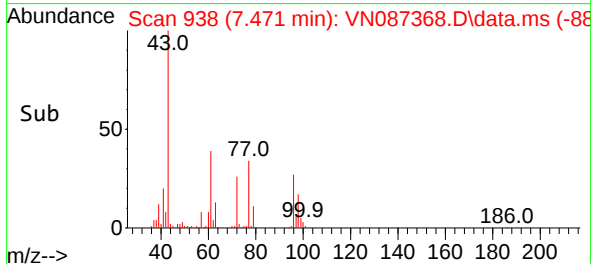
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



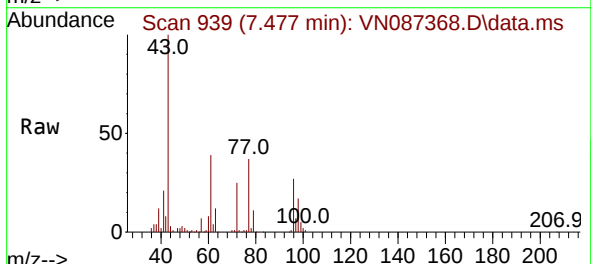
Tgt Ion: 43 Resp: 59250
Ion Ratio Lower Upper
43 100
72 25.9 19.6 29.4

Manual Integrations
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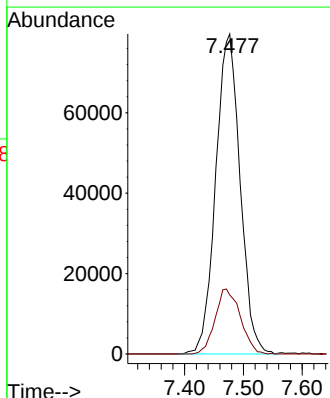
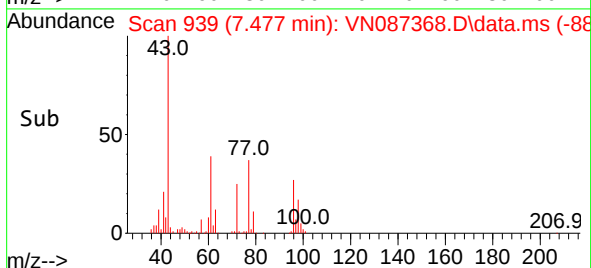
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025

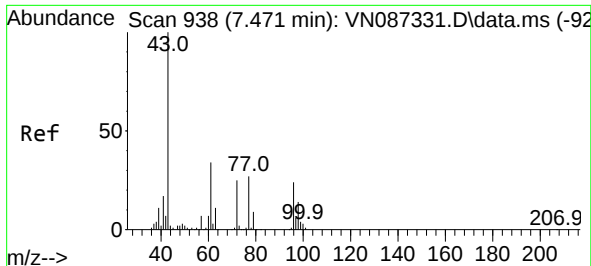


#26
2,2-Dichloropropane
Concen: 58.298 ug/l
RT: 7.477 min Scan# 939
Delta R.T. 0.006 min
Lab File: VN087368.D
Acq: 21 Jul 2025 10:38



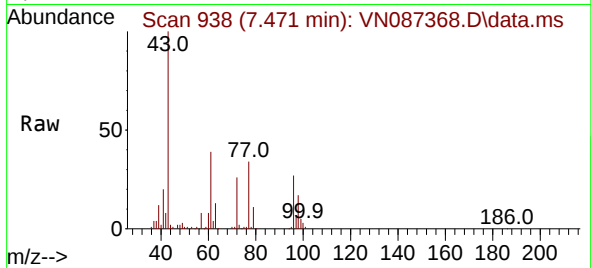
Tgt Ion: 77 Resp: 229345
Ion Ratio Lower Upper
77 100
97 21.0 11.1 33.1





#27
 cis-1,2-Dichloroethene
 Concen: 51.642 ug/l
 RT: 7.471 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VN087368.D
 Acq: 21 Jul 2025 10:38

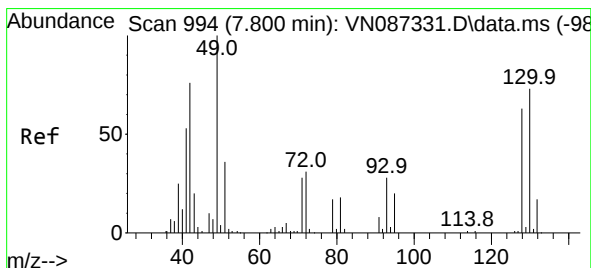
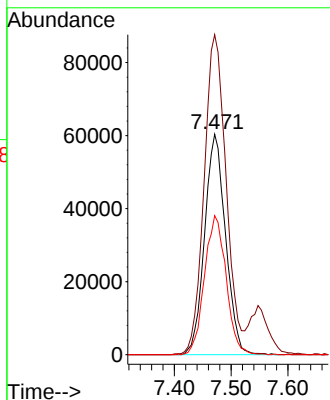
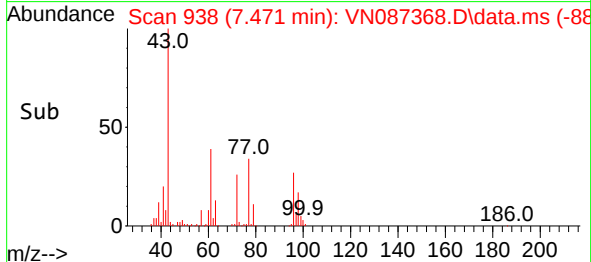
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 15488
 Ion Ratio Lower Upper
 96 100
 61 152.5 0.0 297.8
 98 65.0 0.0 132.4

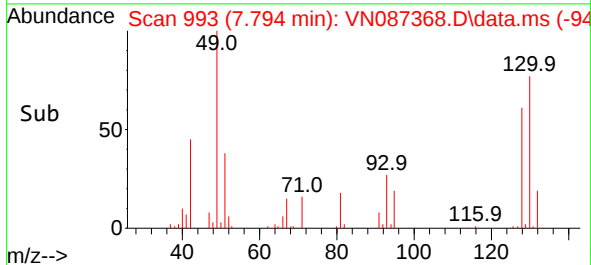
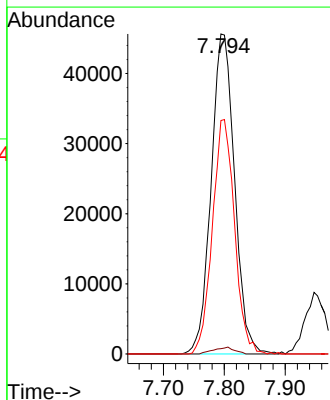
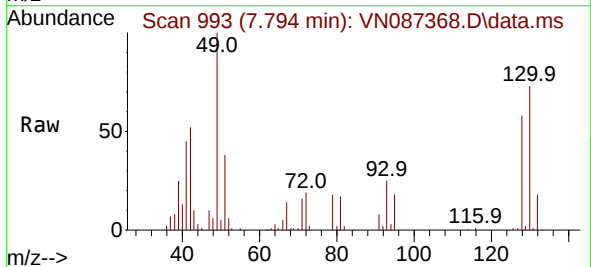
Manual Integrations
 APPROVED

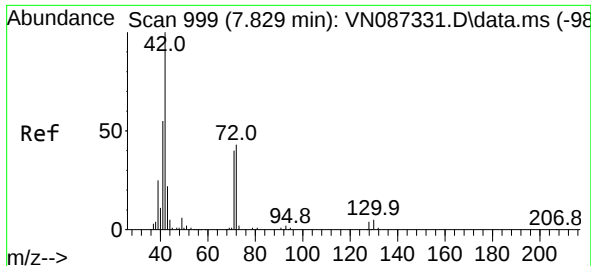
Reviewed By :John Carlone 07/22/2025
 Supervised By :Mahesh Dadoda 07/22/2025



#28
 Bromochloromethane
 Concen: 50.344 ug/l
 RT: 7.794 min Scan# 993
 Delta R.T. -0.006 min
 Lab File: VN087368.D
 Acq: 21 Jul 2025 10:38

Tgt Ion: 49 Resp: 121917
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 4.2
 130 69.3 57.3 85.9





#29

Tetrahydrofuran

Concen: 242.020 ug/l

RT: 7.824 min Scan# 99

Delta R.T. -0.006 min

Lab File: VN087368.D

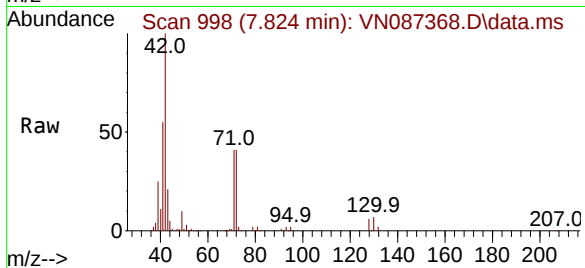
Acq: 21 Jul 2025 10:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



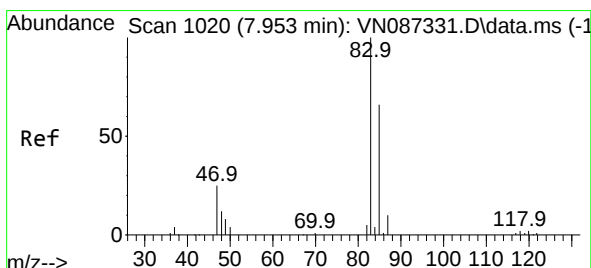
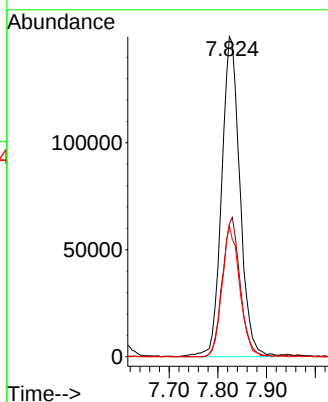
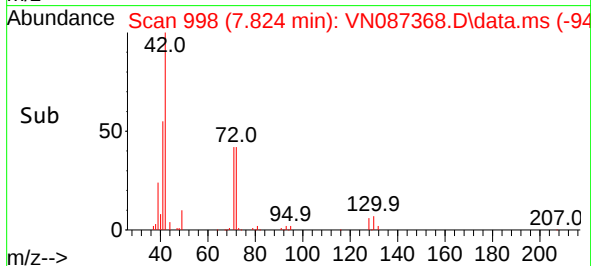
Tgt Ion:	42	Resp:	39108
Ion Ratio	100	Lower	Upper
42	100		
72	42.1	33.4	50.0
71	39.3	31.2	46.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/22/2025

Supervised By :Mahesh Dadoda 07/22/2025



#30

Chloroform

Concen: 51.433 ug/l

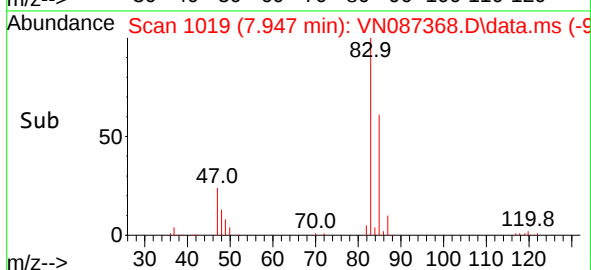
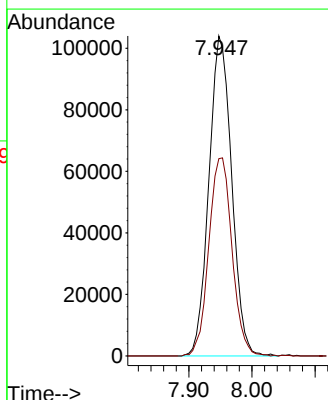
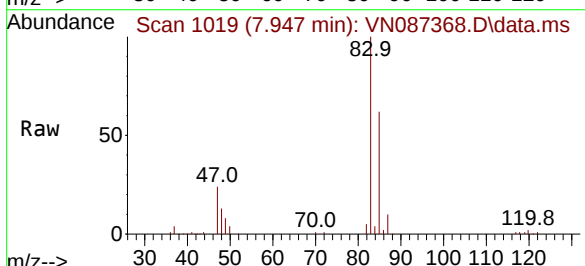
RT: 7.947 min Scan# 1019

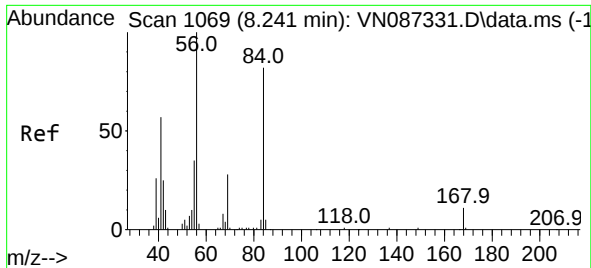
Delta R.T. -0.006 min

Lab File: VN087368.D

Acq: 21 Jul 2025 10:38

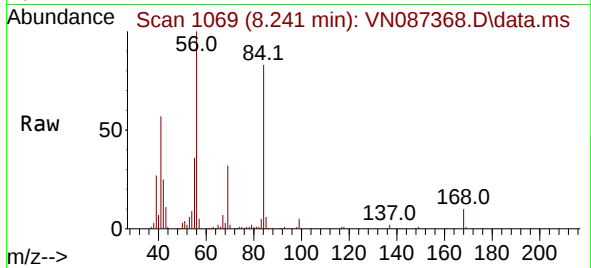
Tgt Ion:	83	Resp:	260496
Ion Ratio	100	Lower	Upper
83	100		
85	61.7	52.7	79.1





#31
Cyclohexane
Concen: 54.540 ug/l
RT: 8.241 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VN087368.D
Acq: 21 Jul 2025 10:38

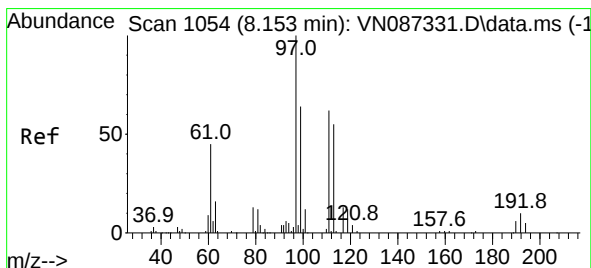
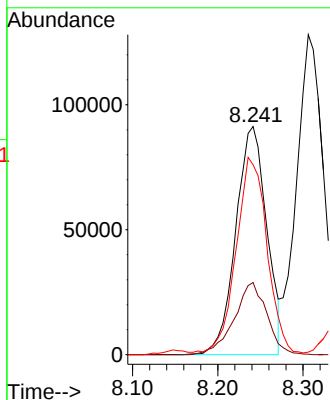
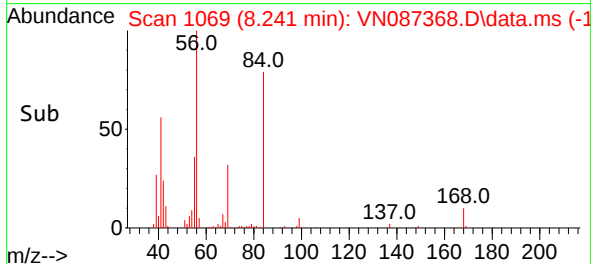
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



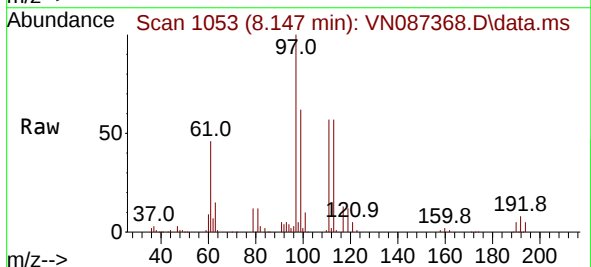
Tgt Ion: 56 Resp: 23022
Ion Ratio Lower Upper
56 100
69 31.6 22.7 34.1
84 81.5 65.8 98.6

Manual Integrations
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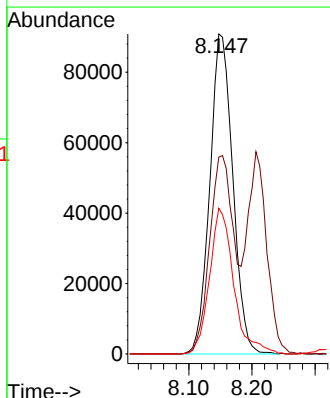
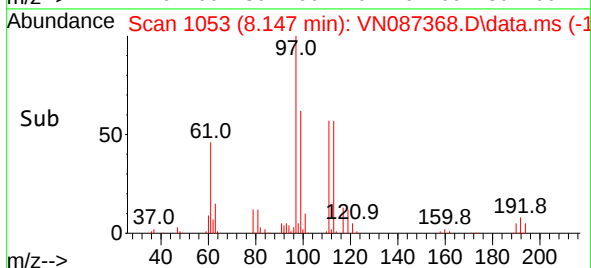
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025

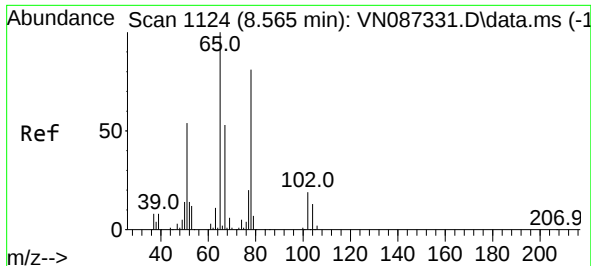


#32
1,1,1-Trichloroethane
Concen: 52.312 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN087368.D
Acq: 21 Jul 2025 10:38



Tgt Ion: 97 Resp: 229476
Ion Ratio Lower Upper
97 100
99 66.2 51.8 77.8
61 47.9 38.7 58.1





#33

1,2-Dichloroethane-d4

Concen: 48.966 ug/l

RT: 8.565 min Scan# 1124

Delta R.T. 0.000 min

Lab File: VN087368.D

Acq: 21 Jul 2025 10:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 16812

Ion Ratio Lower Upper

65 100

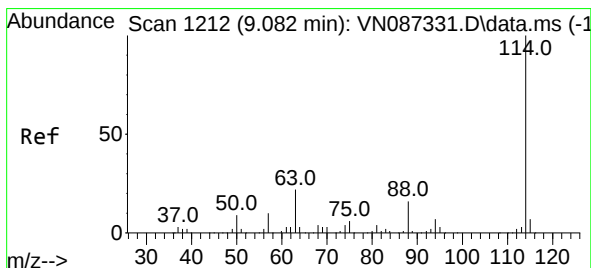
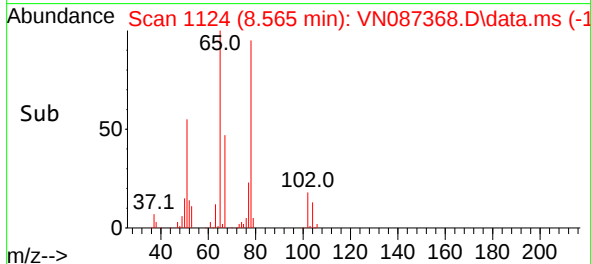
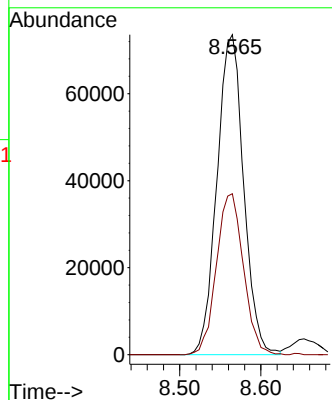
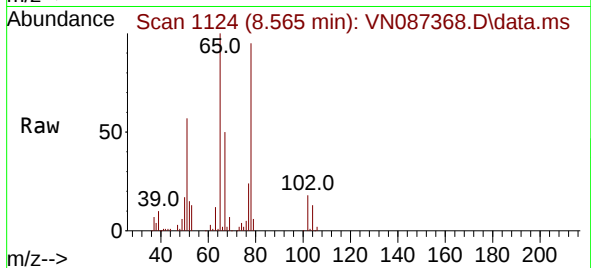
67 50.9 0.0 104.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/22/2025

Supervised By :Mahesh Dadoda 07/22/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.083 min Scan# 1212

Delta R.T. 0.001 min

Lab File: VN087368.D

Acq: 21 Jul 2025 10:38

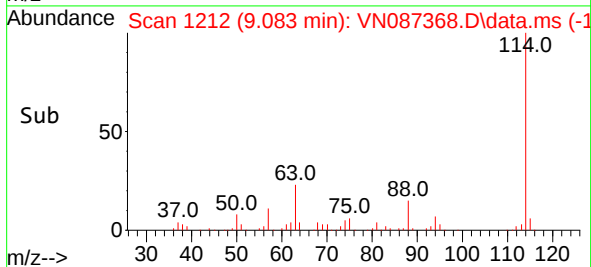
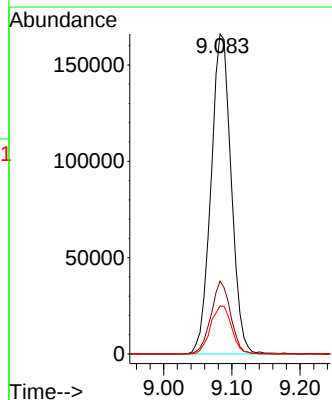
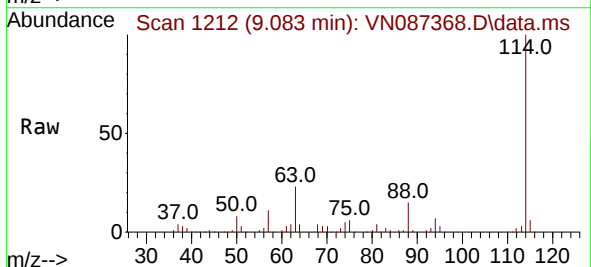
Tgt Ion:114 Resp: 342303

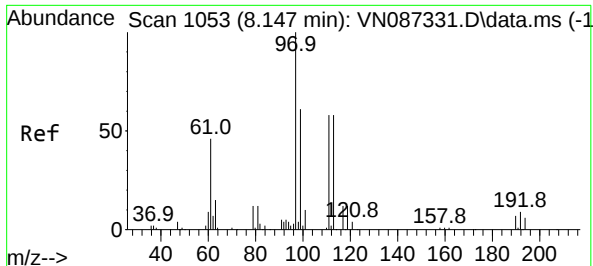
Ion Ratio Lower Upper

114 100

63 22.8 0.0 44.6

88 15.1 0.0 32.8





#35

Dibromofluoromethane

Concen: 51.565 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. 0.000 min

Lab File: VN087368.D

Acq: 21 Jul 2025 10:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:113 Resp: 12175

Ion Ratio Lower Upper

113 100

111 104.0 82.5 123.7

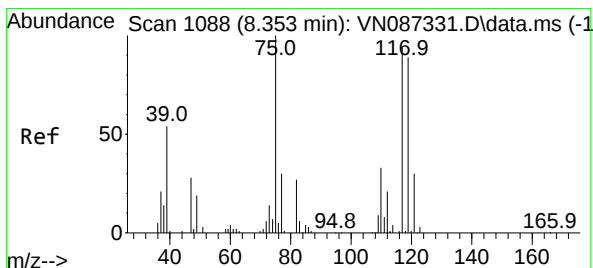
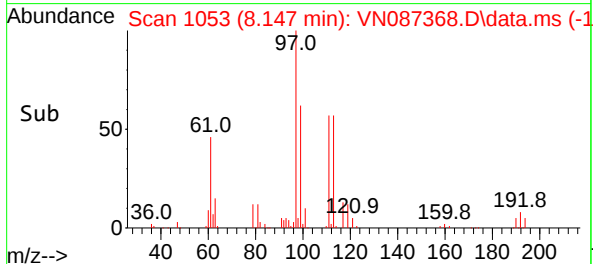
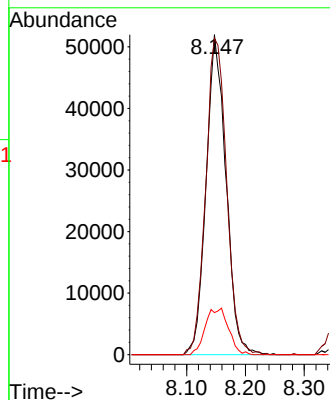
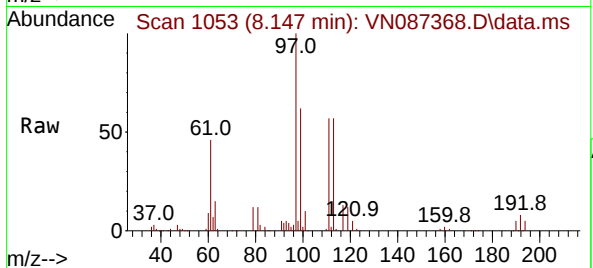
192 17.0 13.7 20.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/22/2025

Supervised By :Mahesh Dadoda 07/22/2025



#36

1,1-Dichloropropene

Concen: 59.588 ug/l

RT: 8.353 min Scan# 1088

Delta R.T. 0.000 min

Lab File: VN087368.D

Acq: 21 Jul 2025 10:38

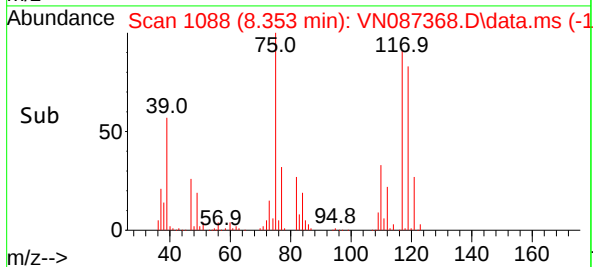
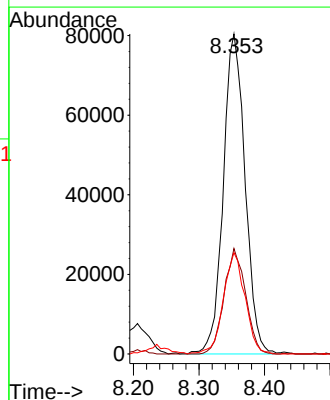
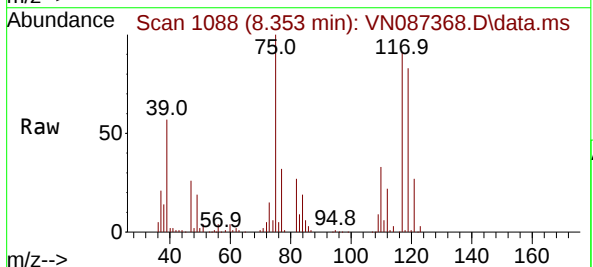
Tgt Ion: 75 Resp: 185889

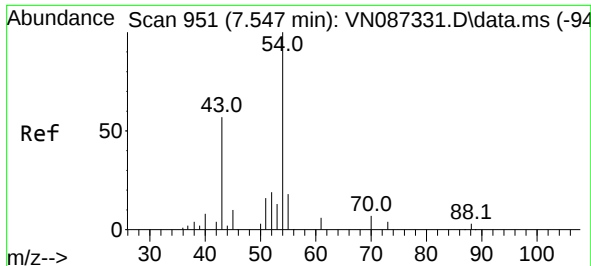
Ion Ratio Lower Upper

75 100

110 32.5 16.7 50.1

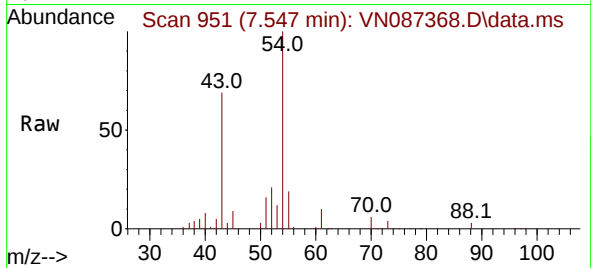
77 31.4 25.2 37.8





#37
Ethyl Acetate
Concen: 53.140 ug/l
RT: 7.547 min Scan# 951
Delta R.T. 0.000 min
Lab File: VN087368.D
Acq: 21 Jul 2025 10:38

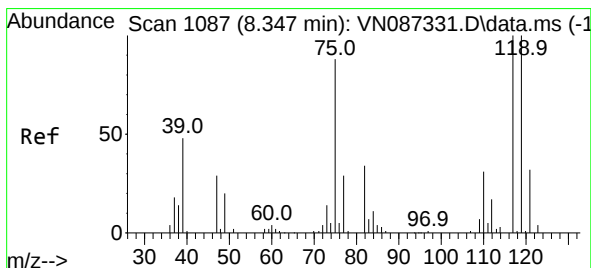
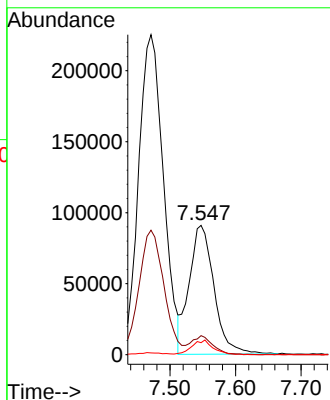
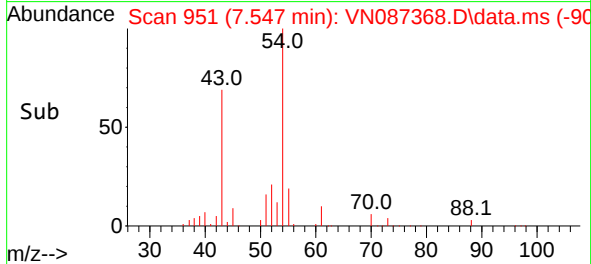
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 239410
Ion Ratio Lower Upper
43 100
61 12.6 10.9 16.3
70 9.7 7.4 11.0

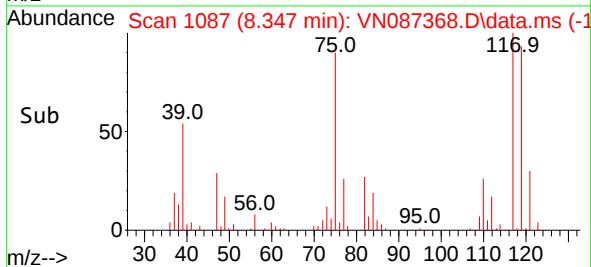
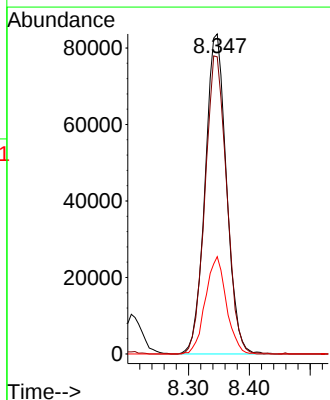
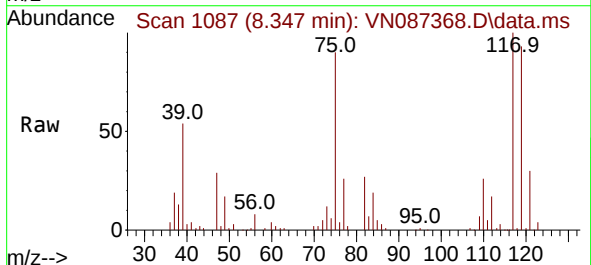
Manual Integrations
APPROVED

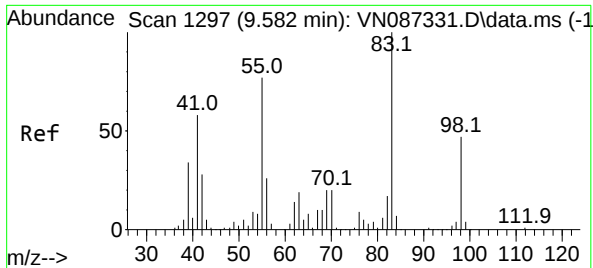
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#38
Carbon Tetrachloride
Concen: 59.343 ug/l
RT: 8.347 min Scan# 1087
Delta R.T. 0.000 min
Lab File: VN087368.D
Acq: 21 Jul 2025 10:38

Tgt Ion:117 Resp: 203929
Ion Ratio Lower Upper
117 100
119 92.9 80.2 120.2
121 30.4 25.4 38.2





#39

Methylcyclohexane

Concen: 65.059 ug/l

RT: 9.582 min Scan# 1297

Delta R.T. 0.000 min

Lab File: VN087368.D

Acq: 21 Jul 2025 10:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 219730

Ion Ratio Lower Upper

83 100

55 76.3 61.3 91.9

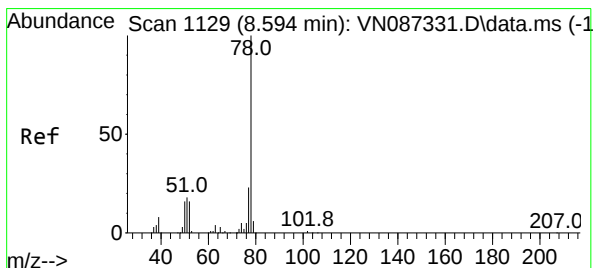
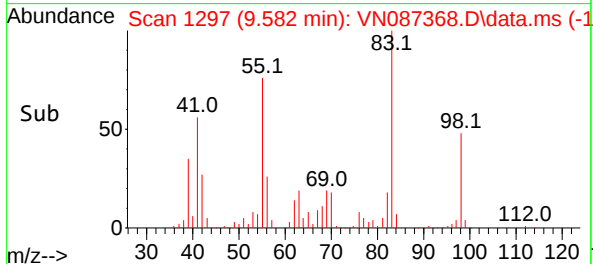
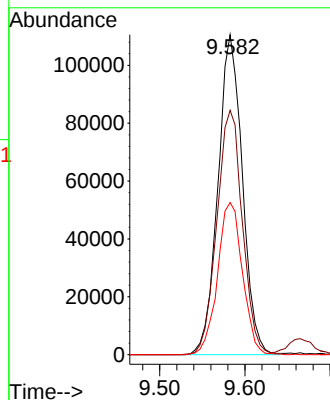
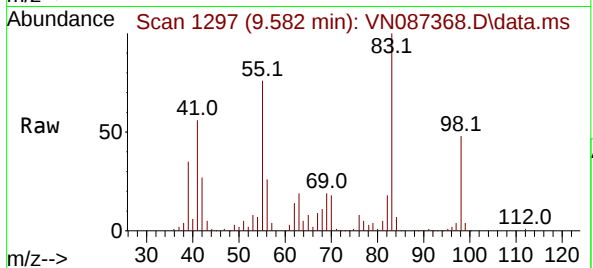
98 47.6 37.9 56.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/22/2025

Supervised By :Mahesh Dadoda 07/22/2025



#40

Benzene

Concen: 55.603 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VN087368.D

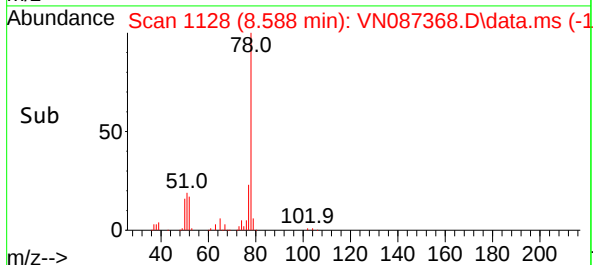
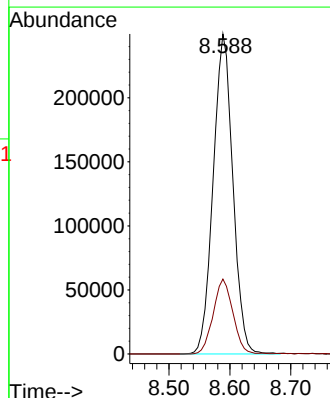
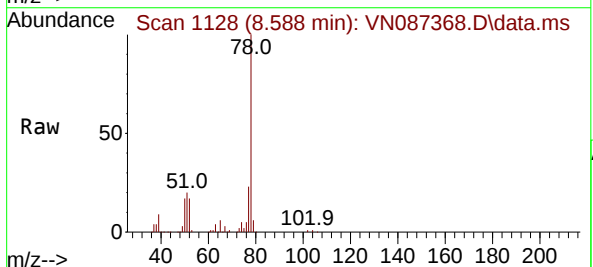
Acq: 21 Jul 2025 10:38

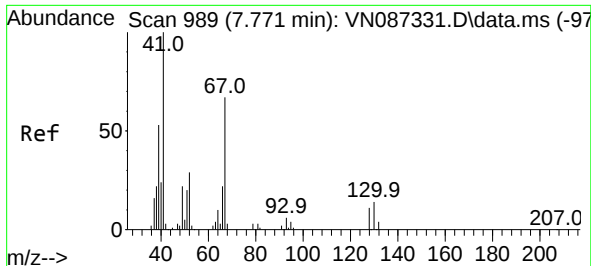
Tgt Ion: 78 Resp: 560613

Ion Ratio Lower Upper

78 100

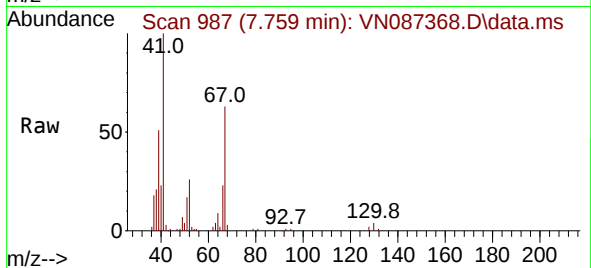
77 23.4 18.2 27.2





#41
Methacrylonitrile
Concen: 54.123 ug/l
RT: 7.759 min Scan# 987
Delta R.T. -0.012 min
Lab File: VN087368.D
Acq: 21 Jul 2025 10:38

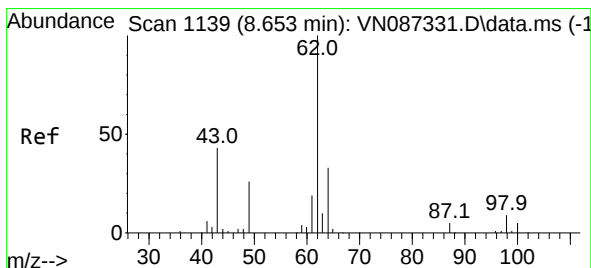
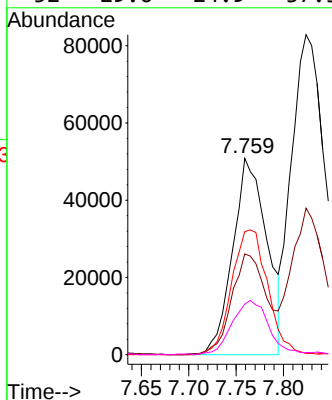
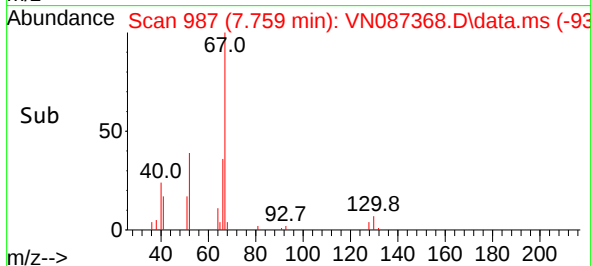
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 127502
Ion Ratio Lower Upper
41 100
39 53.1 43.4 65.0
67 66.8 55.1 82.7
52 29.6 24.9 37.3

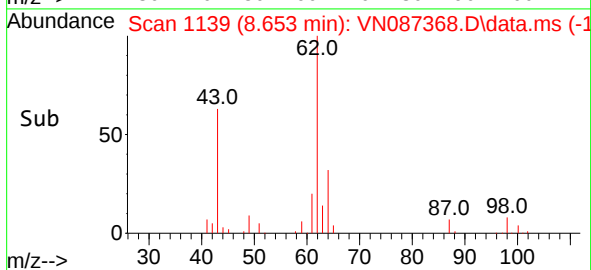
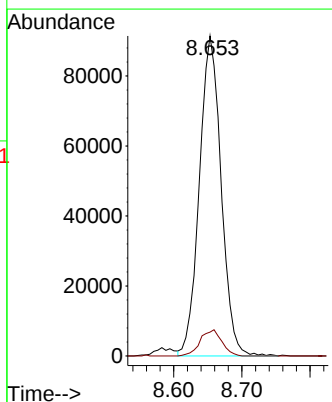
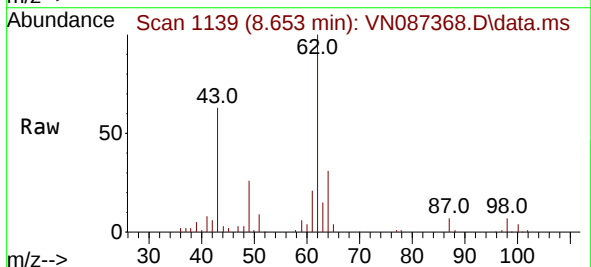
Manual Integrations
APPROVED

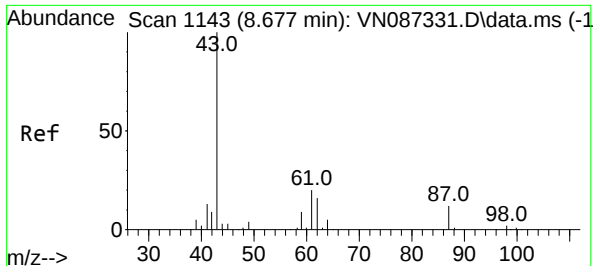
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#42
1,2-Dichloroethane
Concen: 53.235 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. 0.000 min
Lab File: VN087368.D
Acq: 21 Jul 2025 10:38

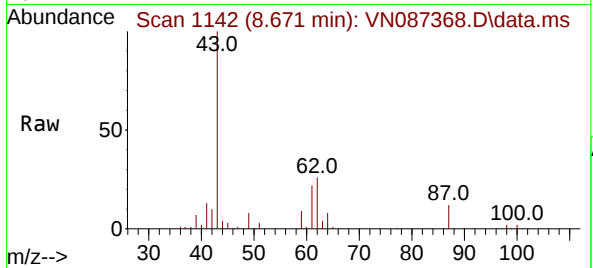
Tgt Ion: 62 Resp: 203545
Ion Ratio Lower Upper
62 100
98 8.1 0.0 18.0





#43
Isopropyl Acetate
Concen: 52.402 ug/l
RT: 8.671 min Scan# 1143
Delta R.T. -0.006 min
Lab File: VN087368.D
Acq: 21 Jul 2025 10:38

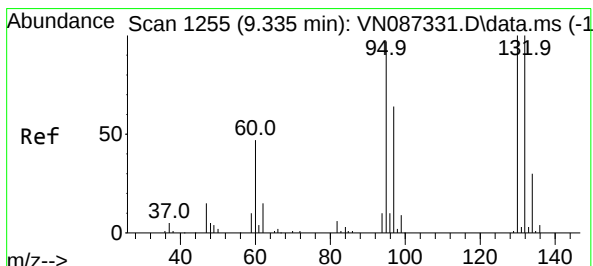
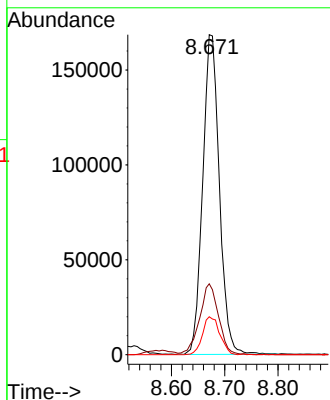
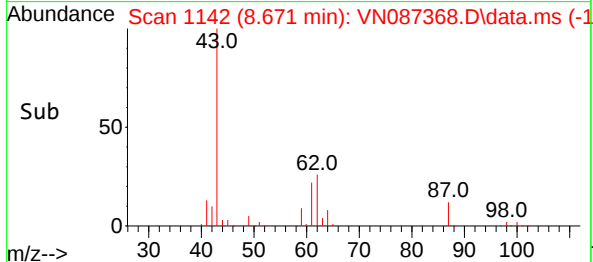
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



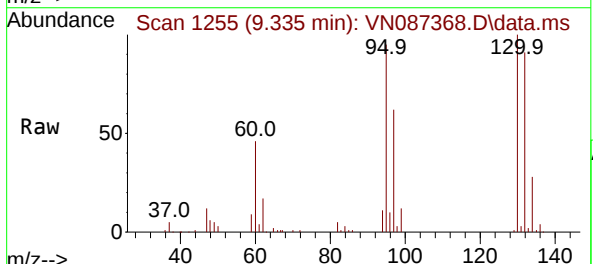
Tgt Ion: 43 Resp: 366490
Ion Ratio Lower Upper
43 100
61 25.2 19.8 29.8
87 12.3 9.8 14.6

Manual Integrations
APPROVED

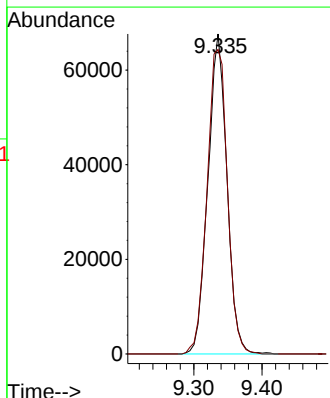
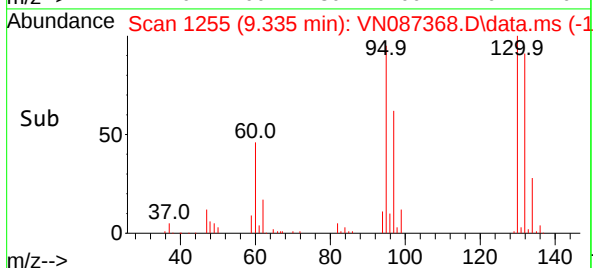
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025

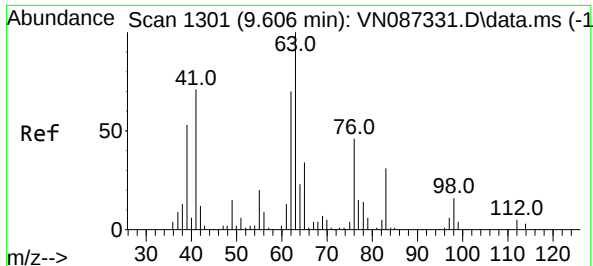


#44
Trichloroethene
Concen: 55.080 ug/l
RT: 9.335 min Scan# 1255
Delta R.T. 0.000 min
Lab File: VN087368.D
Acq: 21 Jul 2025 10:38



Tgt Ion:130 Resp: 131220
Ion Ratio Lower Upper
130 100
95 95.2 0.0 195.2





#45

1,2-Dichloropropane

Concen: 56.288 ug/l

RT: 9.606 min Scan# 1301

Delta R.T. 0.000 min

Lab File: VN087368.D

Acq: 21 Jul 2025 10:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 14420

Ion Ratio Lower Upper

63 100

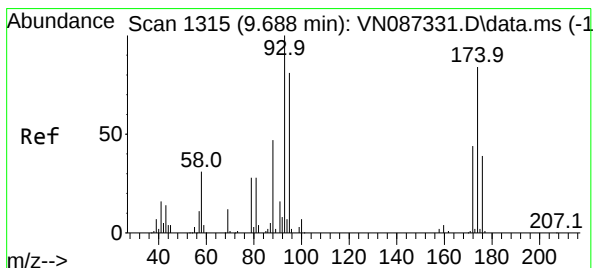
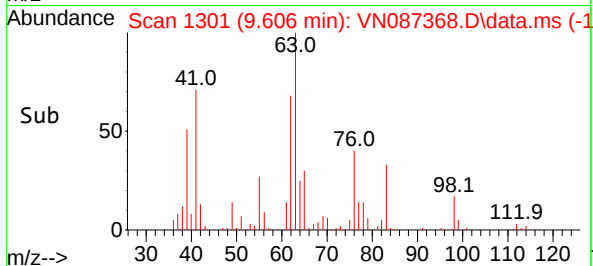
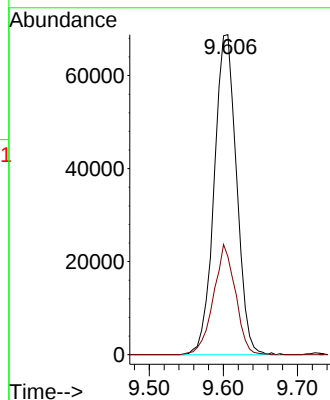
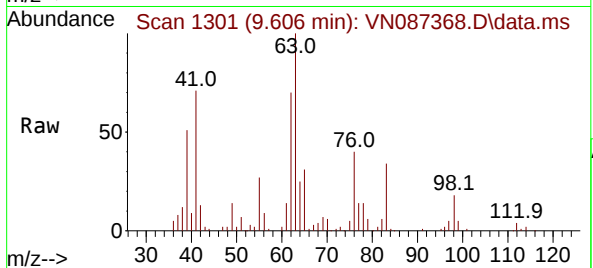
65 30.7 27.0 40.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/22/2025

Supervised By :Mahesh Dadoda 07/22/2025



#46

Dibromomethane

Concen: 51.826 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. 0.000 min

Lab File: VN087368.D

Acq: 21 Jul 2025 10:38

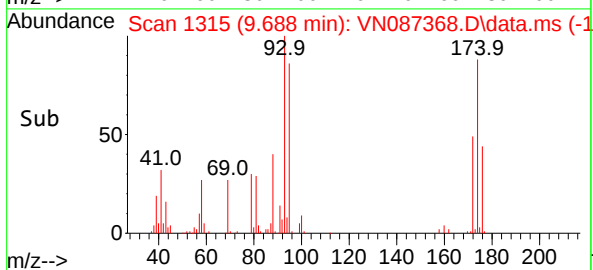
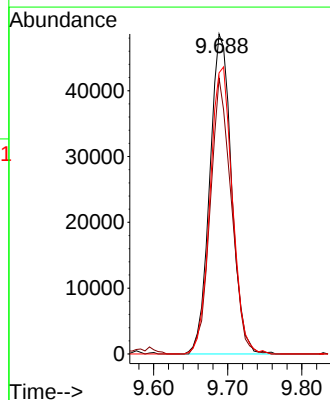
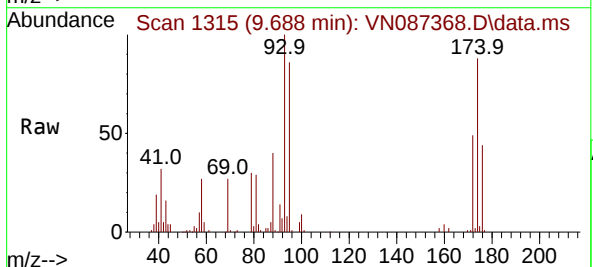
Tgt Ion: 93 Resp: 99408

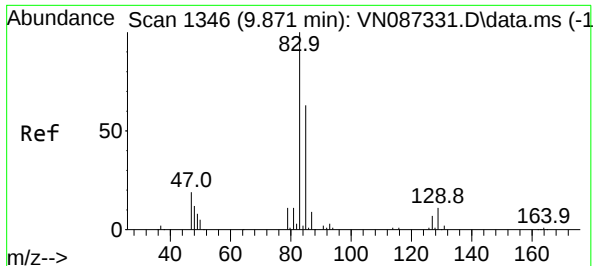
Ion Ratio Lower Upper

93 100

95 83.0 65.8 98.8

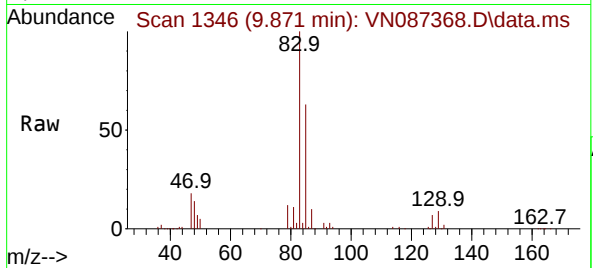
174 91.9 69.9 104.9





#47
Bromodichloromethane
Concen: 52.560 ug/l
RT: 9.871 min Scan# 1346
Delta R.T. 0.000 min
Lab File: VN087368.D
Acq: 21 Jul 2025 10:38

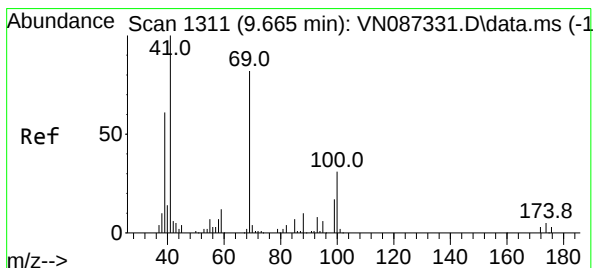
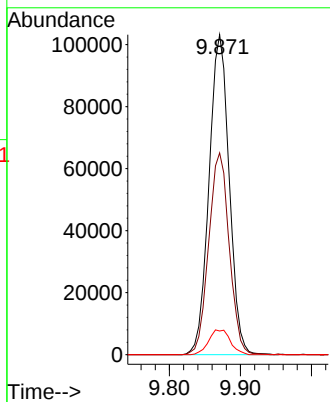
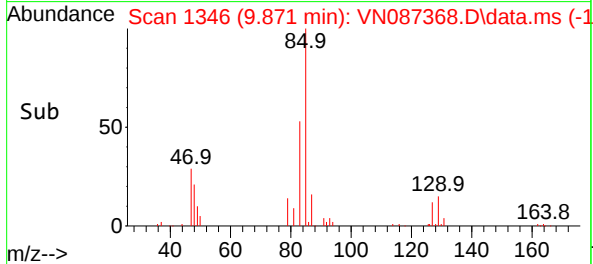
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 203072
Ion Ratio Lower Upper
83 100
85 63.0 50.4 75.6
127 7.4 5.8 8.8

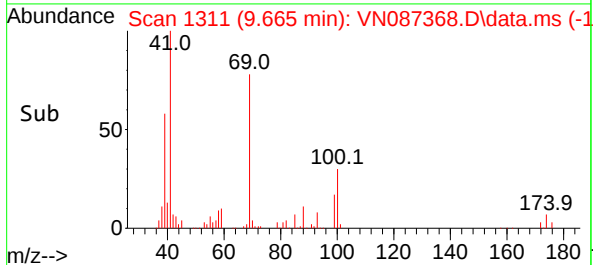
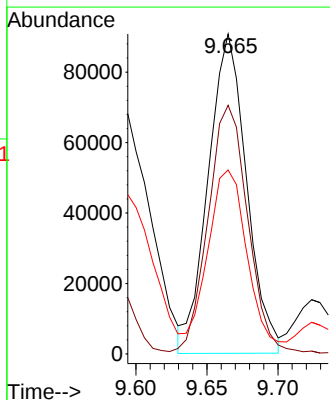
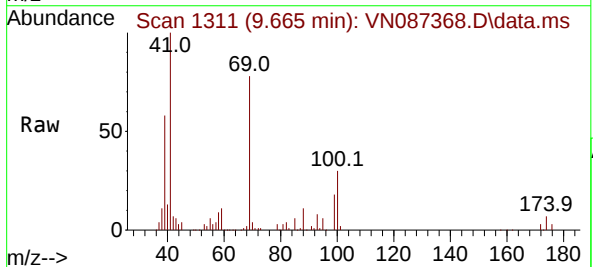
Manual Integrations
APPROVED

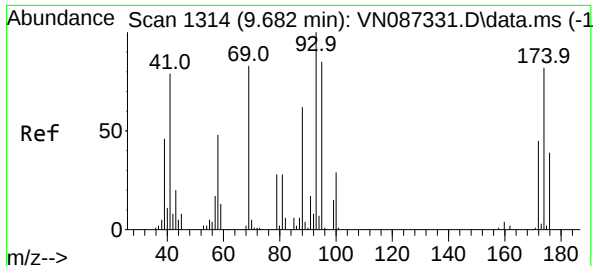
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#48
Methyl methacrylate
Concen: 54.088 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. 0.000 min
Lab File: VN087368.D
Acq: 21 Jul 2025 10:38

Tgt Ion: 41 Resp: 170300
Ion Ratio Lower Upper
41 100
69 81.4 64.1 96.1
39 61.3 45.5 68.3





#49

1,4-Dioxane

Concen: 1021.070 ug/l

RT: 9.682 min Scan# 1314

Delta R.T. 0.000 min

Lab File: VN087368.D

Acq: 21 Jul 2025 10:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 49240

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

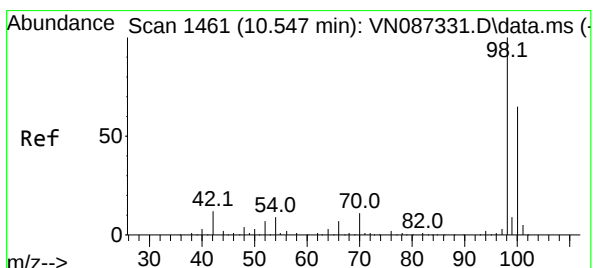
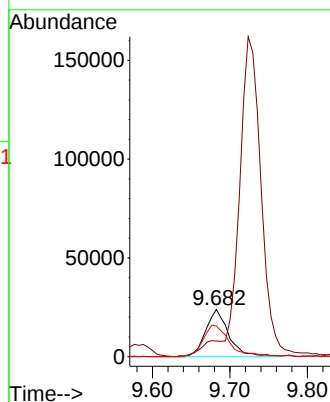
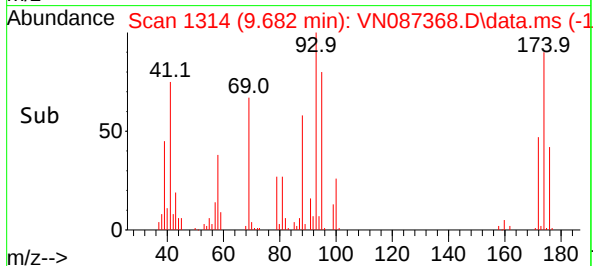
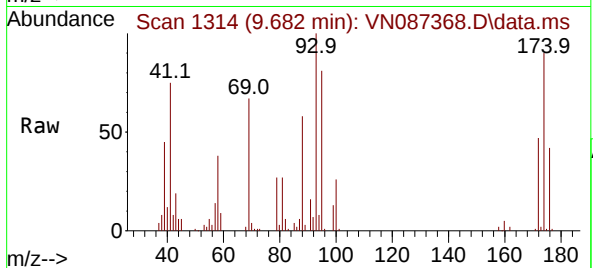
58 76.5 61.1 91.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/22/2025

Supervised By :Mahesh Dadoda 07/22/2025



#50

Toluene-d8

Concen: 53.671 ug/l

RT: 10.547 min Scan# 1461

Delta R.T. 0.000 min

Lab File: VN087368.D

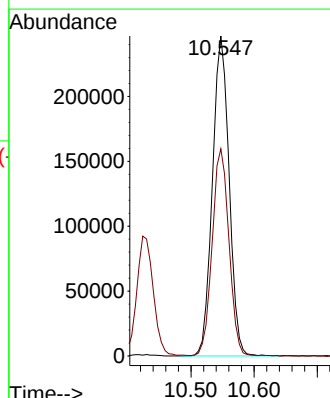
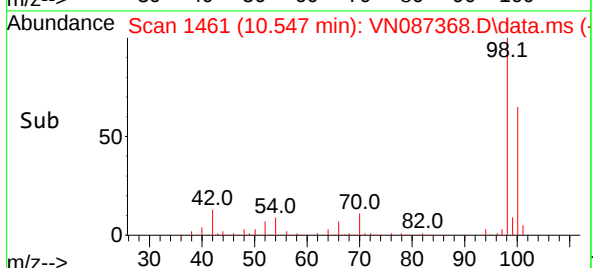
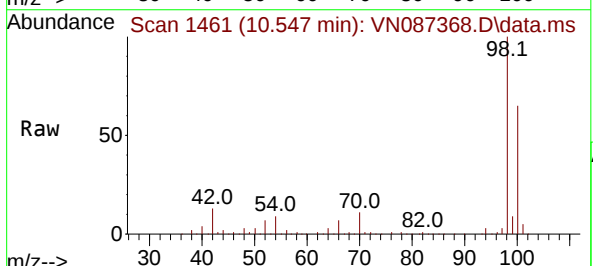
Acq: 21 Jul 2025 10:38

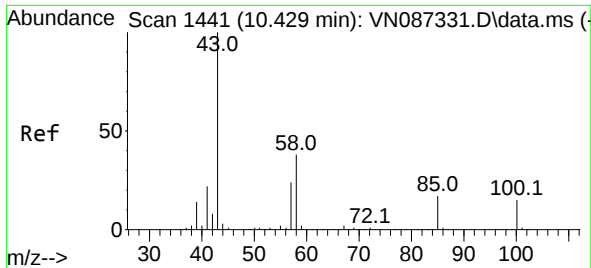
Tgt Ion: 98 Resp: 452056

Ion Ratio Lower Upper

98 100

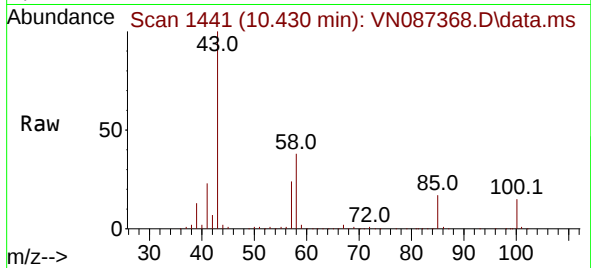
100 65.3 52.1 78.1





#51
4-Methyl-2-Pentanone
Concen: 259.892 ug/l
RT: 10.430 min Scan# 1441
Delta R.T. 0.001 min
Lab File: VN087368.D
Acq: 21 Jul 2025 10:38

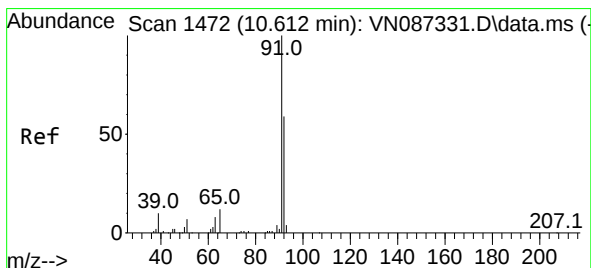
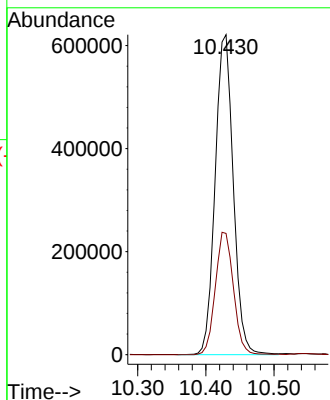
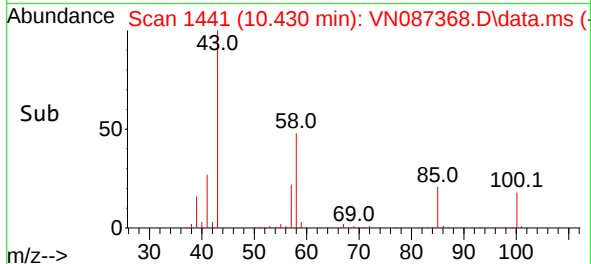
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 114963
Ion Ratio Lower Upper
43 100
58 38.3 30.8 46.2

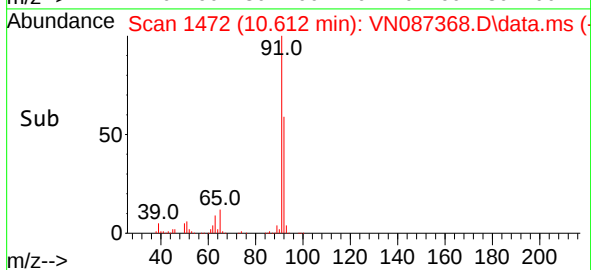
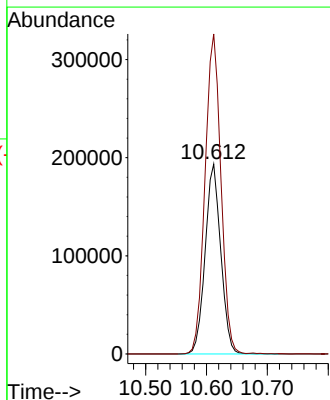
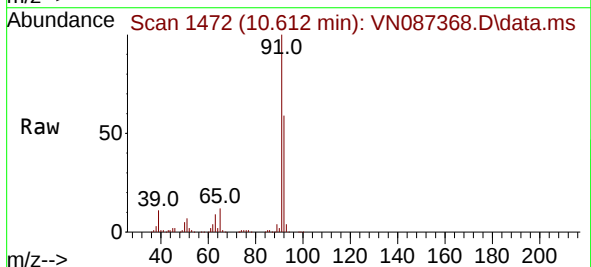
Manual Integrations
APPROVED

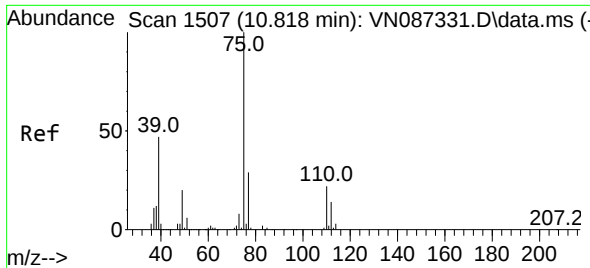
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#52
Toluene
Concen: 56.232 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VN087368.D
Acq: 21 Jul 2025 10:38

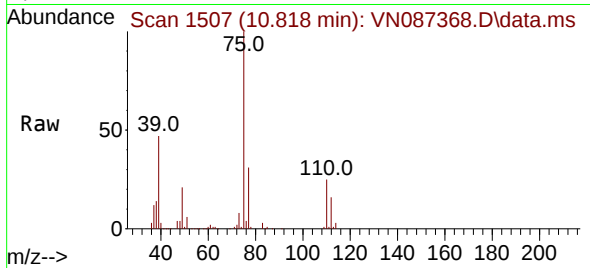
Tgt Ion: 92 Resp: 344604
Ion Ratio Lower Upper
92 100
91 171.4 135.1 202.7





#53
t-1,3-Dichloropropene
Concen: 55.519 ug/l
RT: 10.818 min Scan# 1507
Delta R.T. -0.000 min
Lab File: VN087368.D
Acq: 21 Jul 2025 10:38

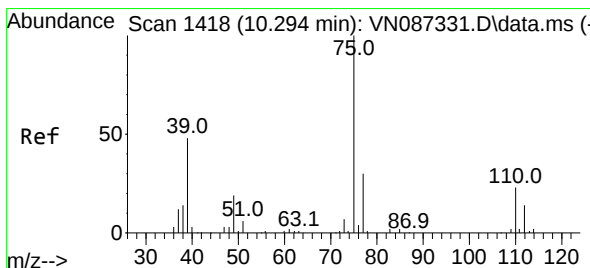
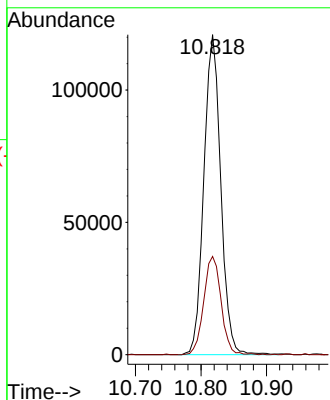
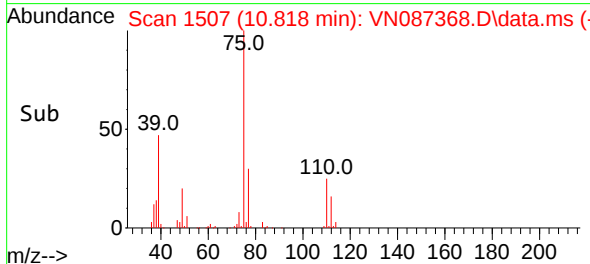
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



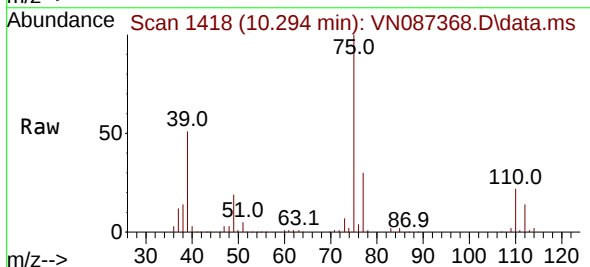
Tgt Ion: 75 Resp: 217085
Ion Ratio Lower Upper
75 100
77 30.7 23.6 35.4

Manual Integrations
APPROVED

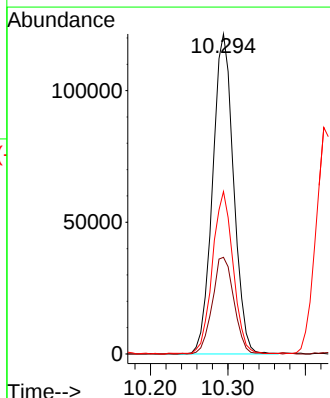
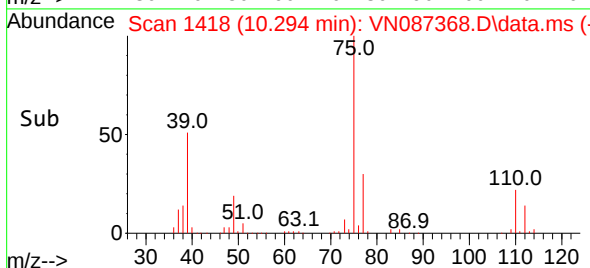
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025

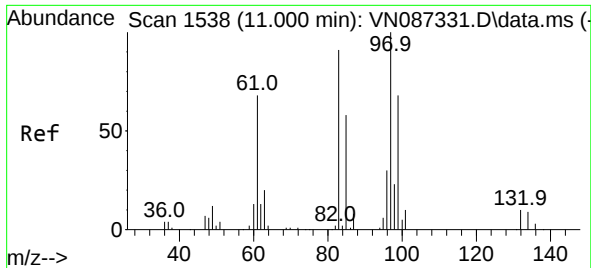


#54
cis-1,3-Dichloropropene
Concen: 56.480 ug/l
RT: 10.294 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VN087368.D
Acq: 21 Jul 2025 10:38



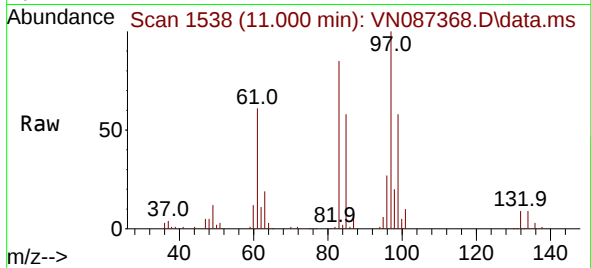
Tgt Ion: 75 Resp: 228121
Ion Ratio Lower Upper
75 100
77 30.2 24.2 36.2
39 50.6 38.4 57.6





#55
1,1,2-Trichloroethane
Concen: 52.012 ug/l
RT: 11.000 min Scan# 1538
Delta R.T. 0.000 min
Lab File: VN087368.D
Acq: 21 Jul 2025 10:38

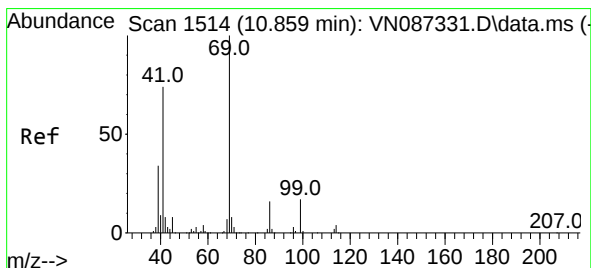
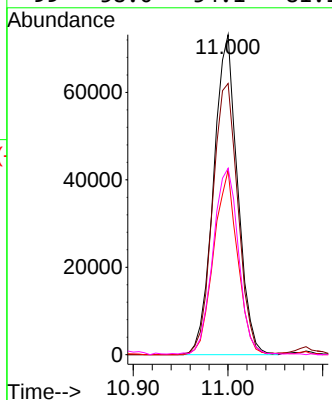
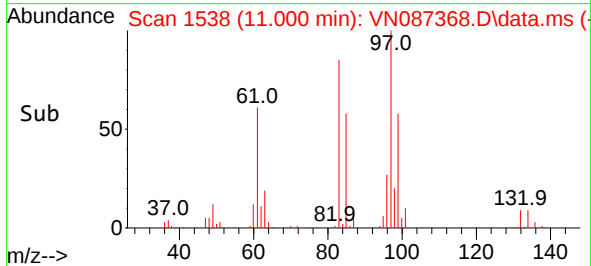
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 97 Resp: 129044
Ion Ratio Lower Upper
97 100
83 84.8 72.6 109.0
85 57.7 46.7 70.1
99 58.0 54.1 81.1

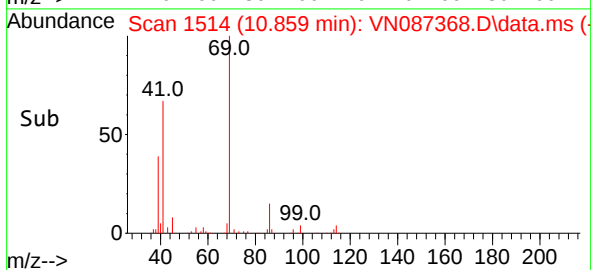
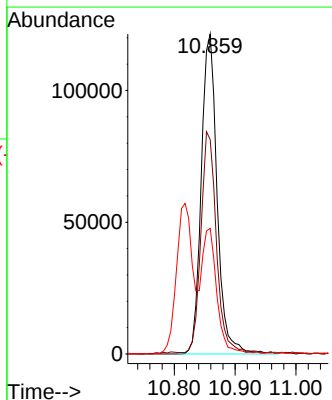
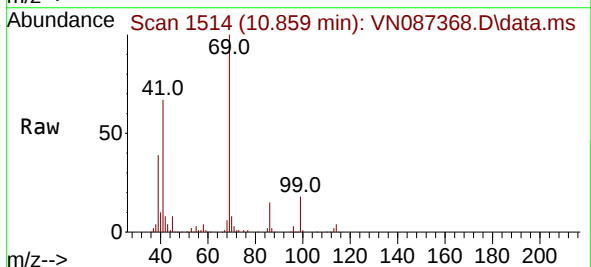
Manual Integrations
APPROVED

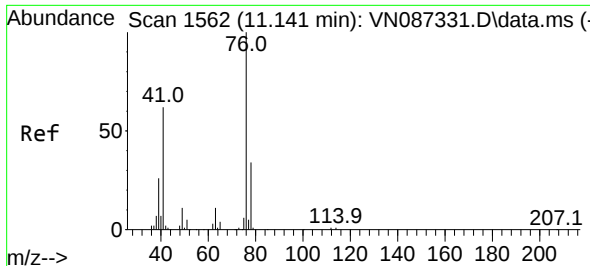
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#56
Ethyl methacrylate
Concen: 52.536 ug/l
RT: 10.859 min Scan# 1514
Delta R.T. -0.000 min
Lab File: VN087368.D
Acq: 21 Jul 2025 10:38

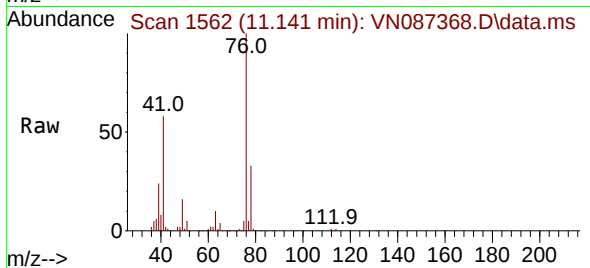
Tgt Ion: 69 Resp: 219636
Ion Ratio Lower Upper
69 100
41 66.6 55.1 82.7
39 38.4 27.9 41.9





#57
1,3-Dichloropropane
Concen: 53.600 ug/l
RT: 11.141 min Scan# 1562
Delta R.T. 0.000 min
Lab File: VN087368.D
Acq: 21 Jul 2025 10:38

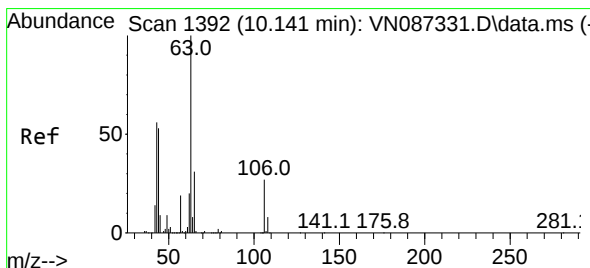
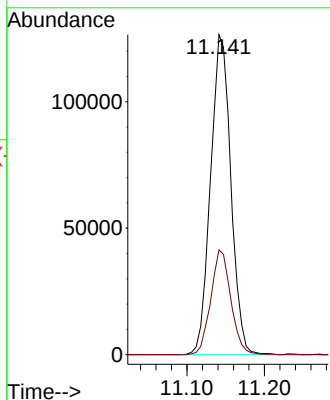
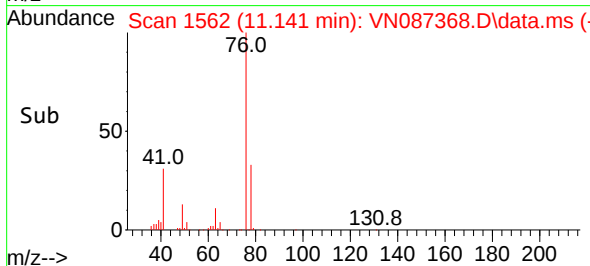
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



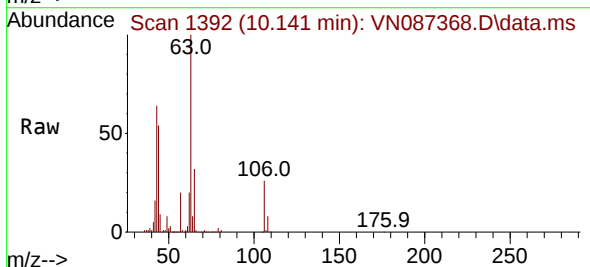
Tgt Ion: 76 Resp: 229920
Ion Ratio Lower Upper
76 100
78 32.4 26.0 39.0

Manual Integrations
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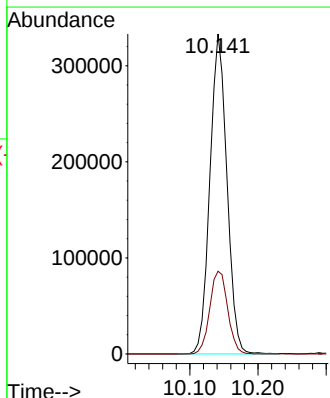
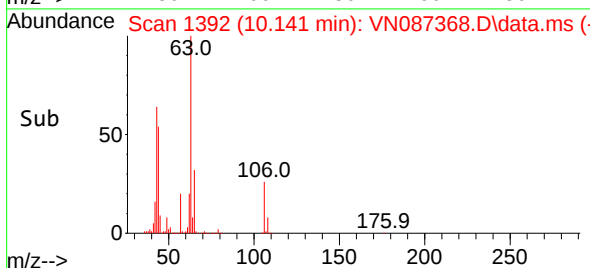
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025

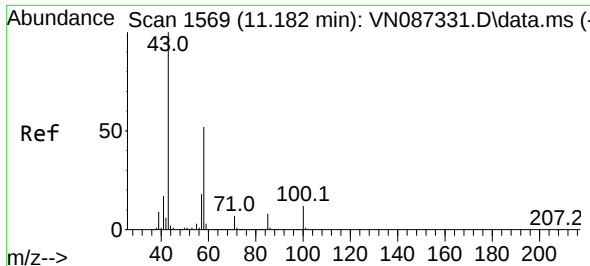


#58
2-Chloroethyl Vinyl ether
Concen: 284.461 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VN087368.D
Acq: 21 Jul 2025 10:38



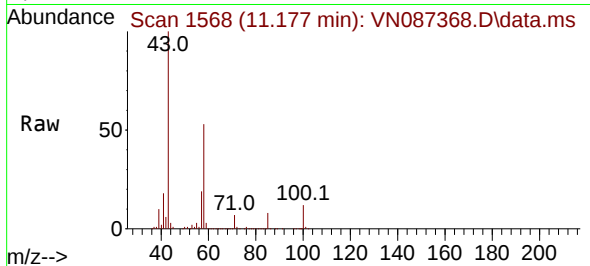
Tgt Ion: 63 Resp: 578951
Ion Ratio Lower Upper
63 100
106 27.2 21.7 32.5





#59
2-Hexanone
Concen: 274.584 ug/l
RT: 11.177 min Scan# 1568
Delta R.T. -0.006 min
Lab File: VN087368.D
Acq: 21 Jul 2025 10:38

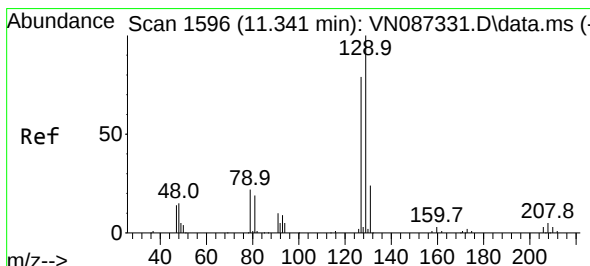
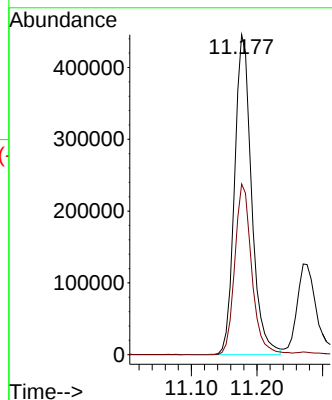
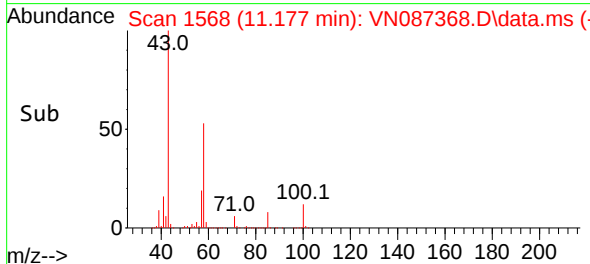
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 805849
Ion Ratio Lower Upper
43 100
58 53.2 26.7 80.0

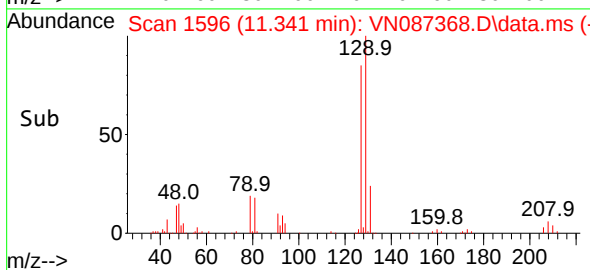
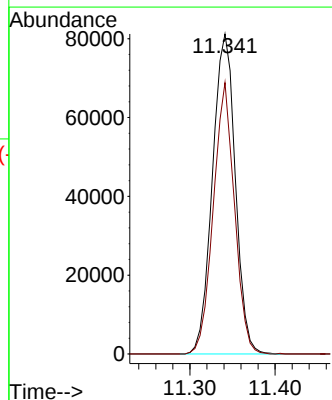
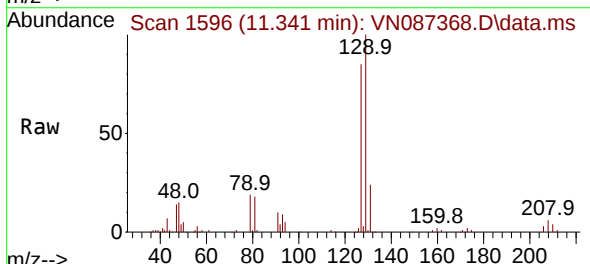
Manual Integrations
APPROVED

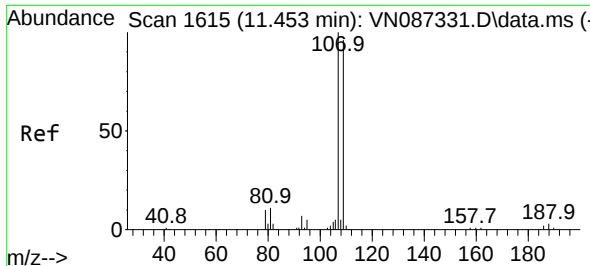
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#60
Dibromochloromethane
Concen: 53.493 ug/l
RT: 11.341 min Scan# 1596
Delta R.T. 0.000 min
Lab File: VN087368.D
Acq: 21 Jul 2025 10:38

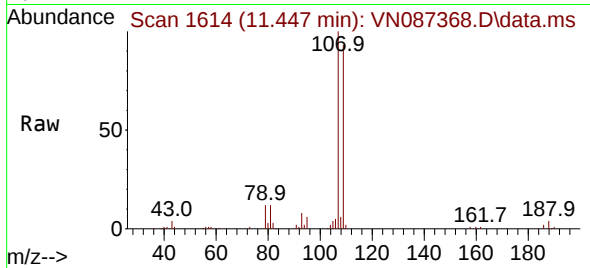
Tgt Ion:129 Resp: 151360
Ion Ratio Lower Upper
129 100
127 78.4 39.1 117.5





#61
1,2-Dibromoethane
Concen: 52.401 ug/l
RT: 11.447 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN087368.D
Acq: 21 Jul 2025 10:38

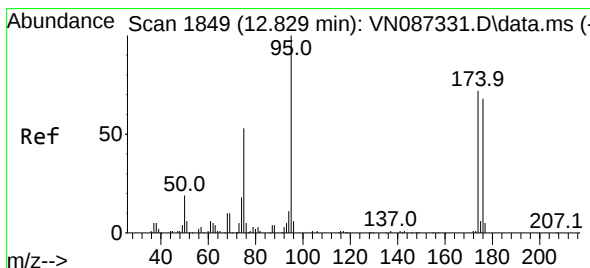
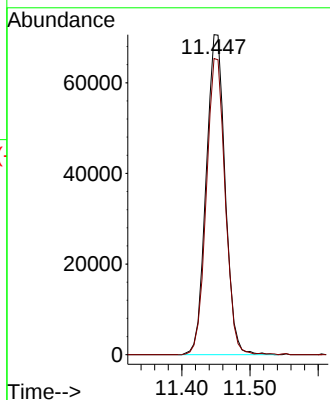
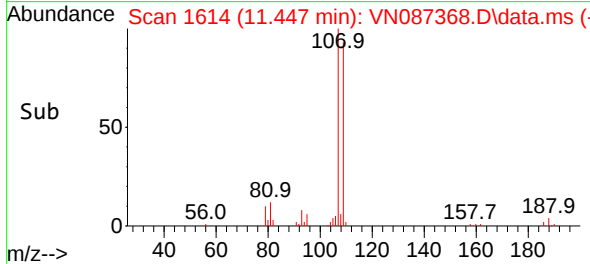
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:107 Resp: 136698
Ion Ratio Lower Upper
107 100
109 92.0 77.5 116.3

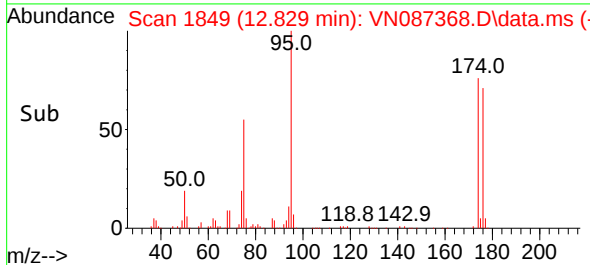
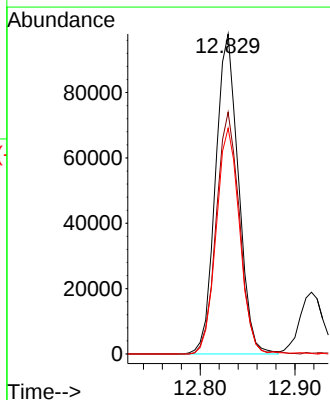
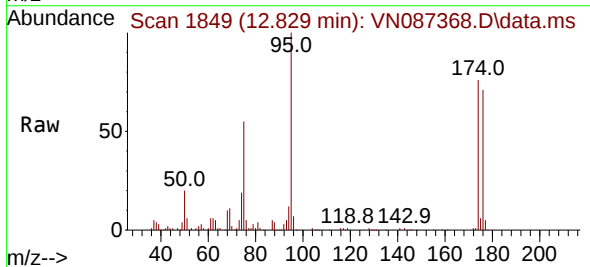
Manual Integrations
APPROVED

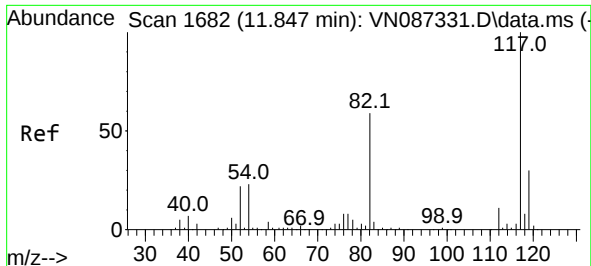
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#62
4-Bromofluorobenzene
Concen: 52.956 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN087368.D
Acq: 21 Jul 2025 10:38

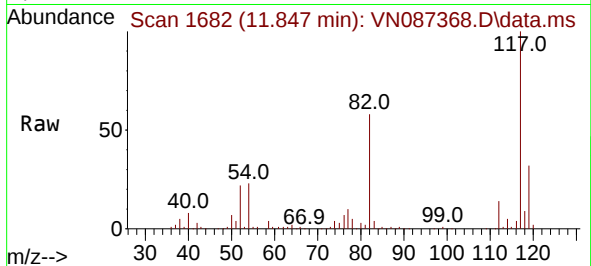
Tgt Ion: 95 Resp: 164788
Ion Ratio Lower Upper
95 100
174 76.7 0.0 149.4
176 72.1 0.0 141.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN087368.D
Acq: 21 Jul 2025 10:38

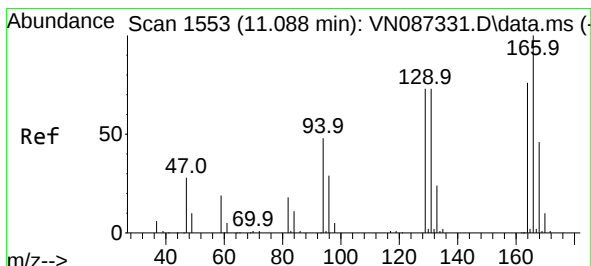
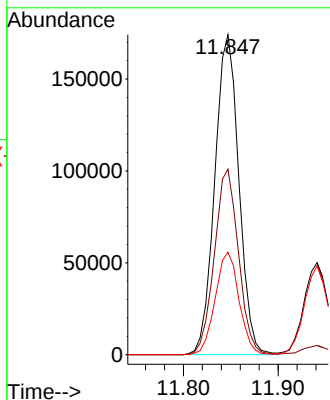
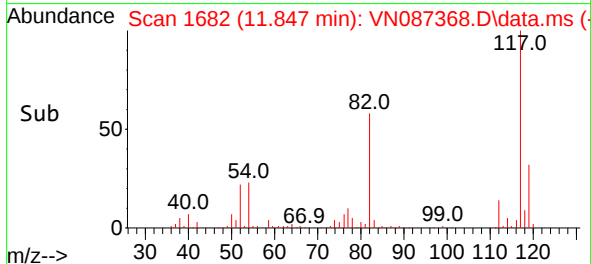
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 307825
Ion Ratio Lower Upper
117 100
82 58.0 47.4 71.2
119 32.0 23.8 35.8

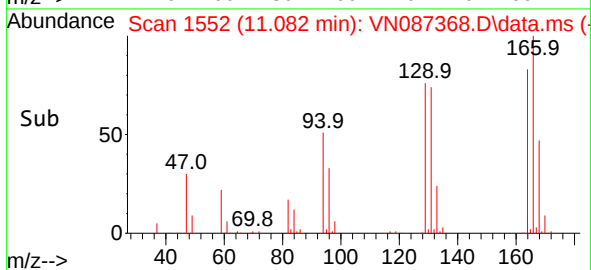
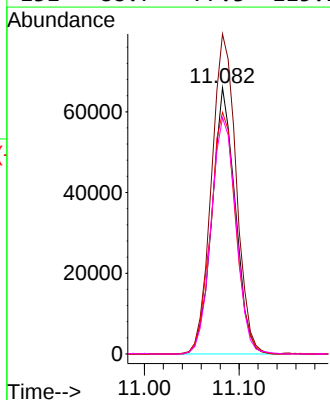
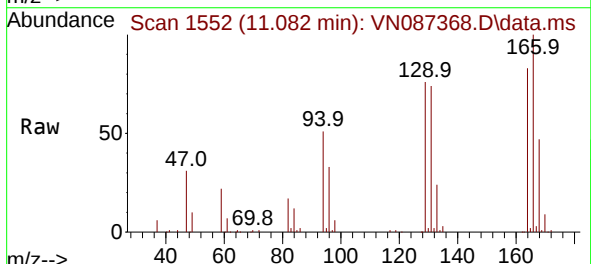
Manual Integrations
APPROVED

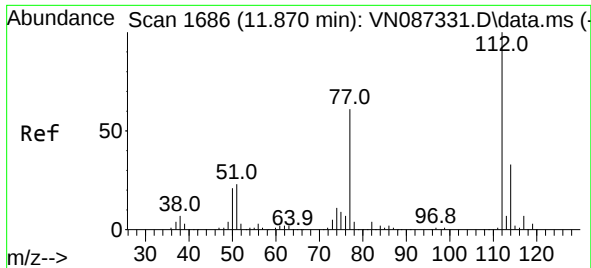
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#64
Tetrachloroethene
Concen: 56.570 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. -0.006 min
Lab File: VN087368.D
Acq: 21 Jul 2025 10:38

Tgt Ion:164 Resp: 112075
Ion Ratio Lower Upper
164 100
166 120.2 105.5 158.3
129 90.8 77.4 116.2
131 88.7 77.3 115.9





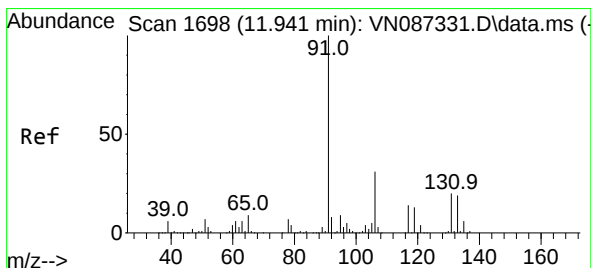
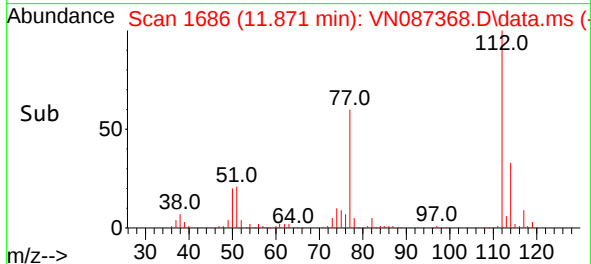
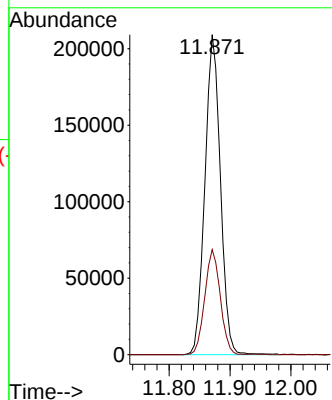
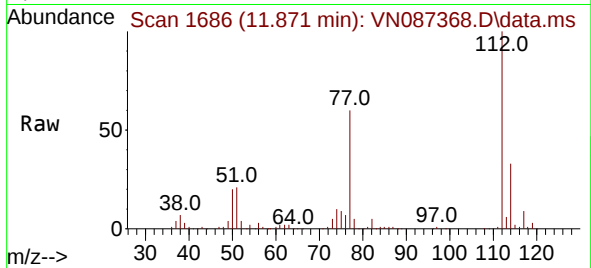
#65
Chlorobenzene
Concen: 53.411 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN087368.D
Acq: 21 Jul 2025 10:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 36912
Ion Ratio Lower Upper
112 100
114 32.9 26.5 39.7

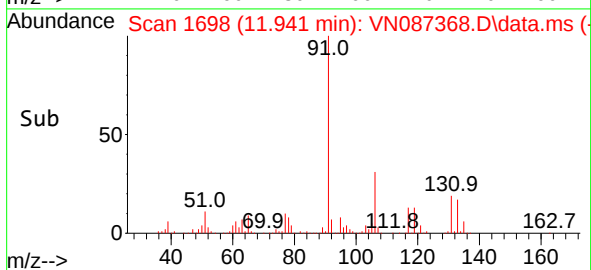
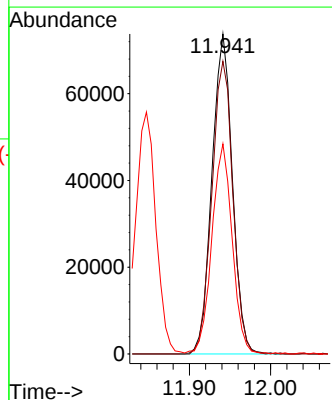
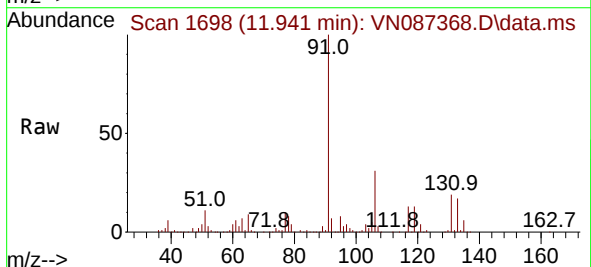
Manual Integrations
APPROVED

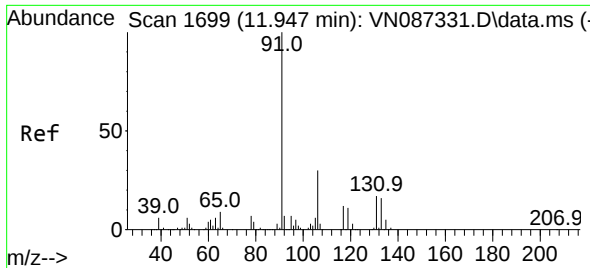
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 54.903 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN087368.D
Acq: 21 Jul 2025 10:38

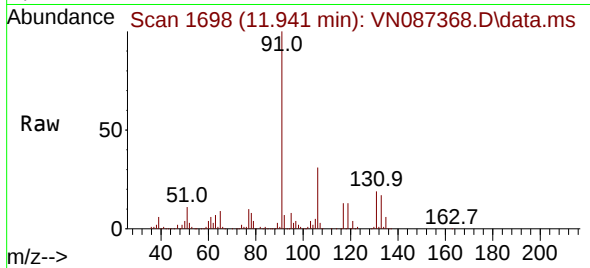
Tgt Ion:131 Resp: 129020
Ion Ratio Lower Upper
131 100
133 94.1 47.4 142.3
119 65.4 33.1 99.2





#67
Ethyl Benzene
Concen: 57.142 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.006 min
Lab File: VN087368.D
Acq: 21 Jul 2025 10:38

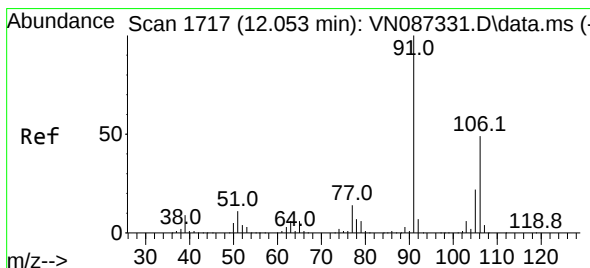
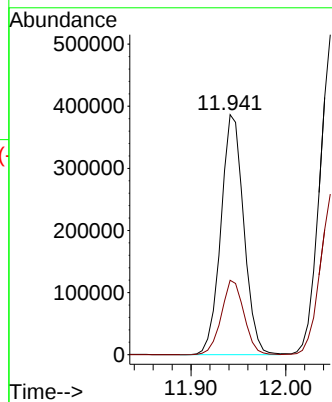
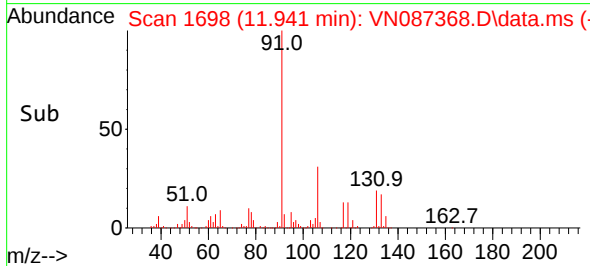
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



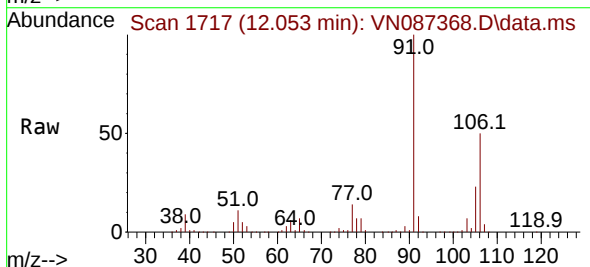
Tgt Ion: 91 Resp: 65011
Ion Ratio Lower Upper
91 100
106 31.0 24.3 36.5

Manual Integrations
APPROVED

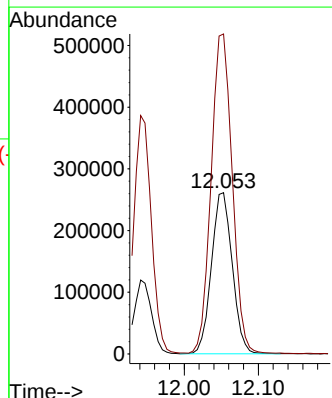
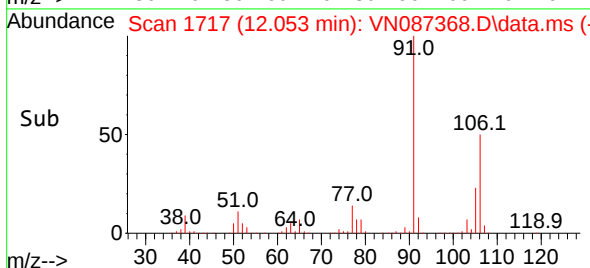
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025

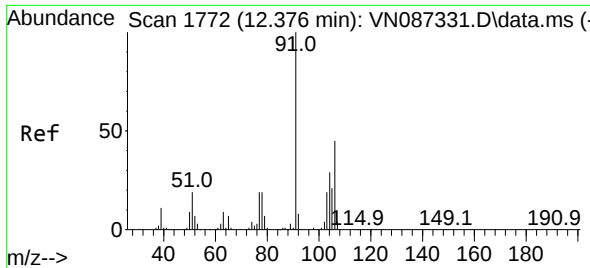


#68
m/p-Xylenes
Concen: 119.516 ug/l
RT: 12.053 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VN087368.D
Acq: 21 Jul 2025 10:38



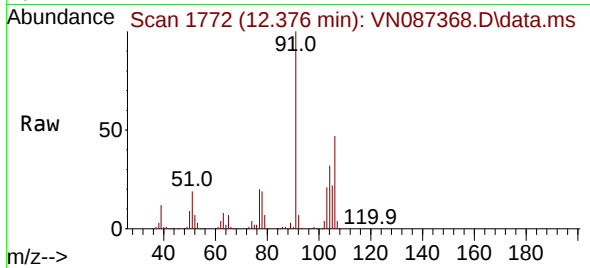
Tgt Ion:106 Resp: 509171
Ion Ratio Lower Upper
106 100
91 202.3 162.0 243.0





#69
o-Xylene
Concen: 59.204 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VN087368.D
Acq: 21 Jul 2025 10:38

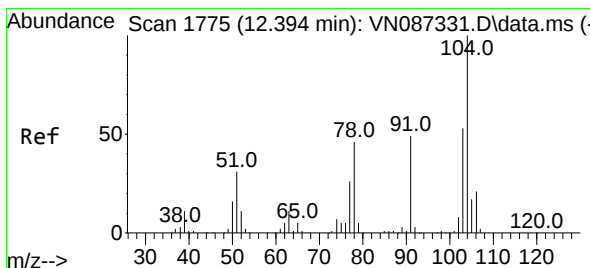
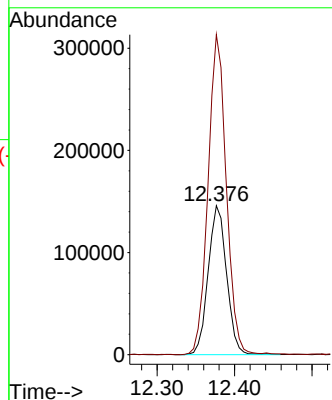
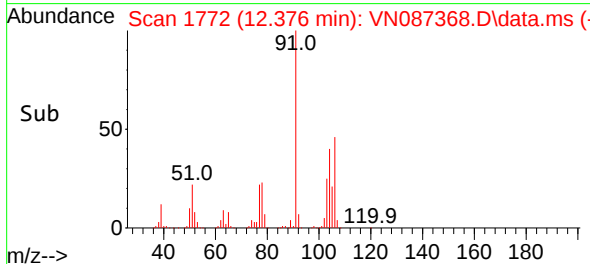
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



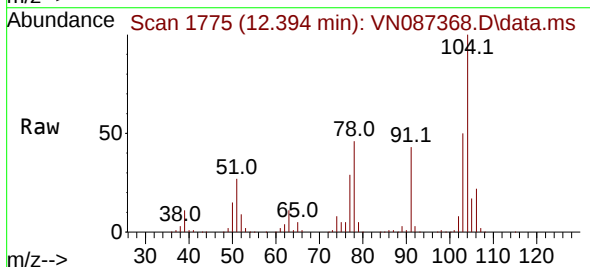
Tgt Ion:106 Resp: 240930
Ion Ratio Lower Upper
106 100
91 213.2 107.7 323.3

Manual Integrations
APPROVED

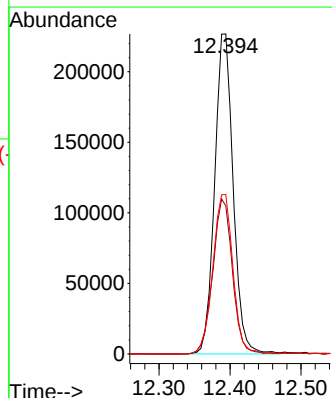
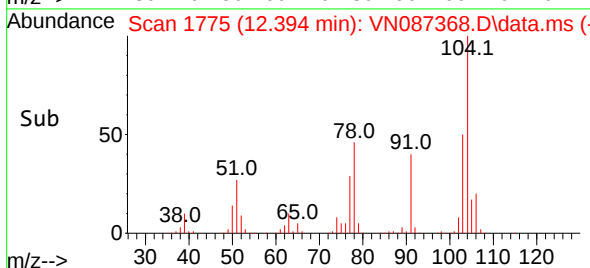
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025

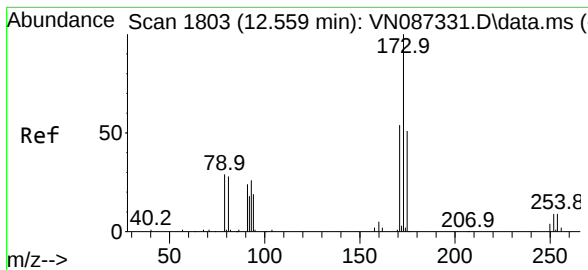


#70
Styrene
Concen: 59.847 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN087368.D
Acq: 21 Jul 2025 10:38



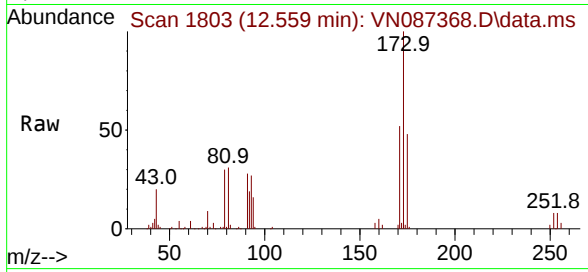
Tgt Ion:104 Resp: 409701
Ion Ratio Lower Upper
104 100
78 51.4 41.0 61.6
103 54.1 43.9 65.9





#71
Bromoform
Concen: 53.790 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VN087368.D
Acq: 21 Jul 2025 10:38

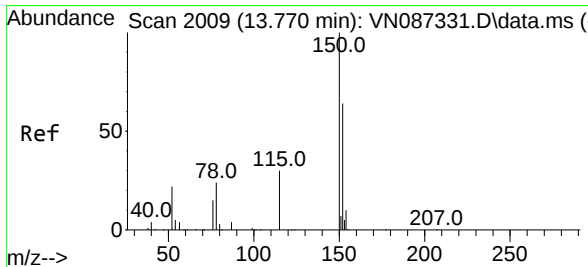
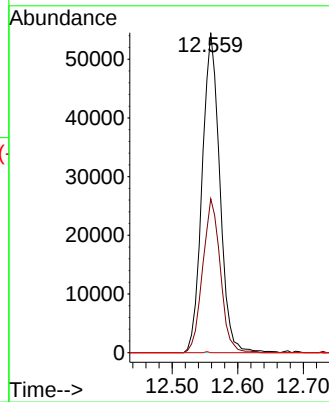
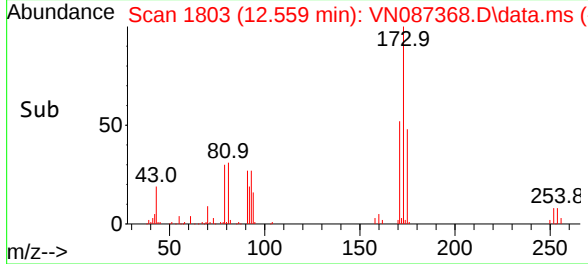
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



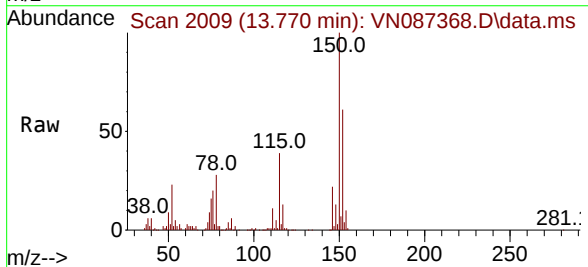
Tgt Ion:173 Resp: 102120
Ion Ratio Lower Upper
173 100
175 48.2 24.1 72.3
254 0.1 0.0 0.0

Manual Integrations
APPROVED

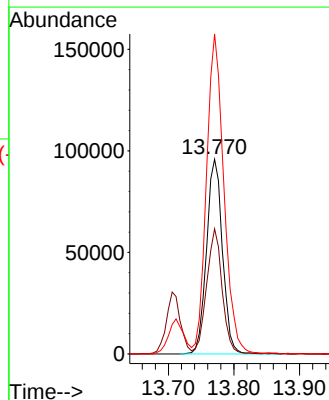
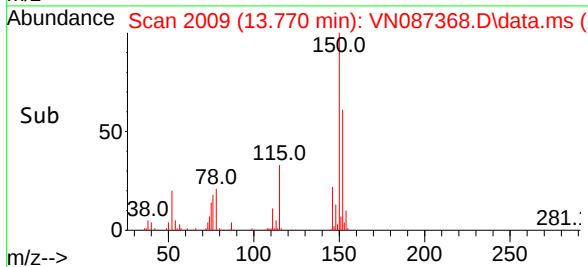
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025

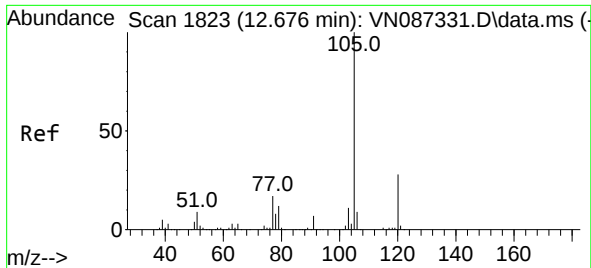


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.000 min
Lab File: VN087368.D
Acq: 21 Jul 2025 10:38



Tgt Ion:152 Resp: 162263
Ion Ratio Lower Upper
152 100
115 62.2 31.1 93.5
150 177.9 0.0 349.0





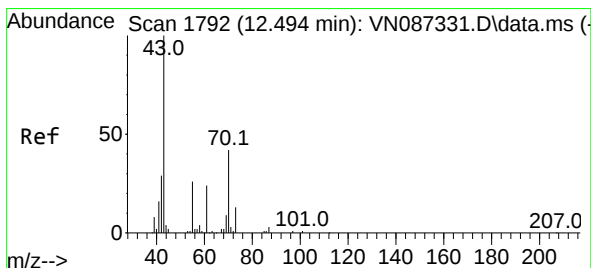
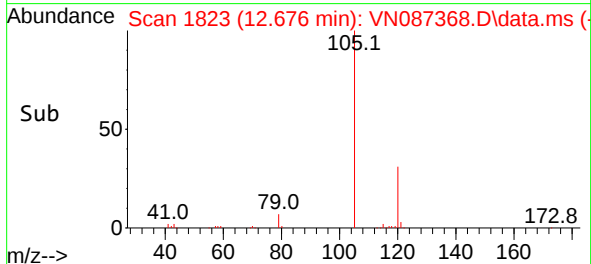
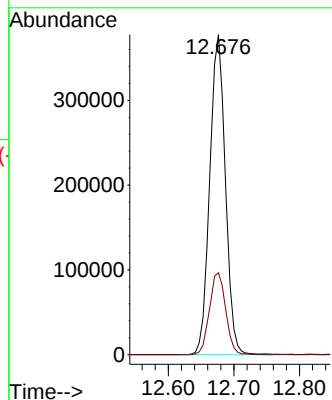
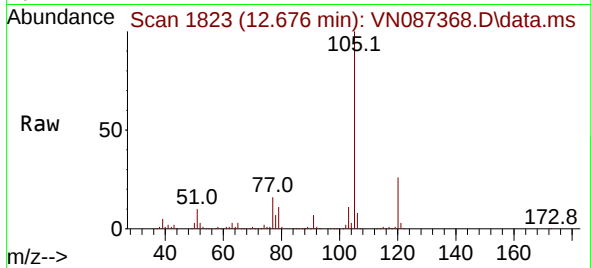
#73
Isopropylbenzene
Concen: 61.272 ug/l
RT: 12.676 min Scan# 1823
Delta R.T. 0.000 min
Lab File: VN087368.D
Acq: 21 Jul 2025 10:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 62574
Ion Ratio Lower Upper
105 100
120 26.6 13.4 40.1

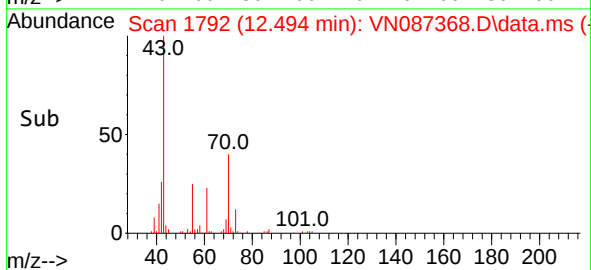
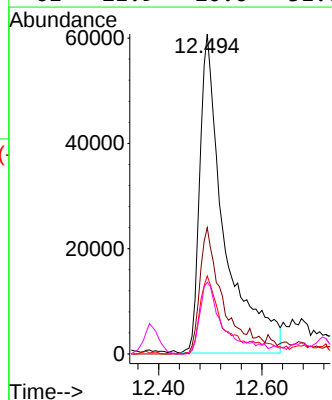
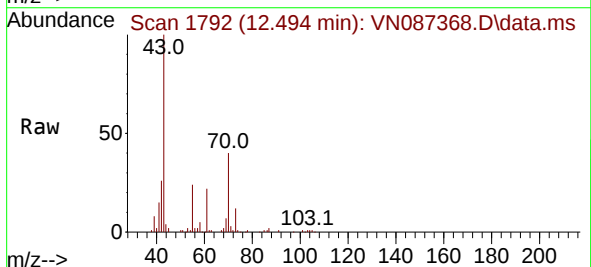
Manual Integrations
APPROVED

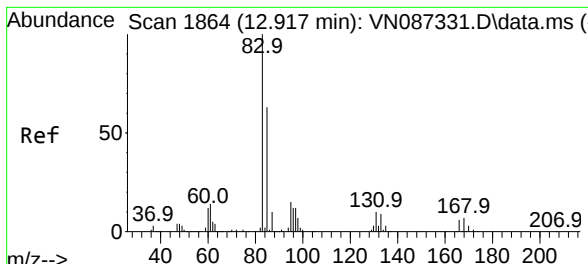
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#74
N-ethyl acetate
Concen: 47.372 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN087368.D
Acq: 21 Jul 2025 10:38

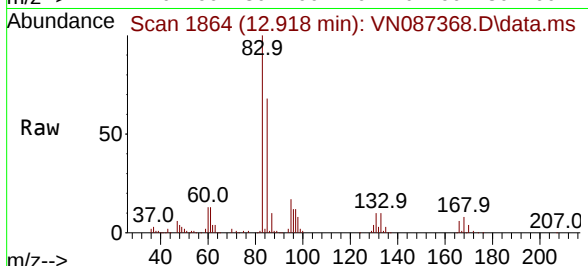
Tgt Ion: 43 Resp: 201002
Ion Ratio Lower Upper
43 100
70 37.9 37.6 56.4
55 21.1 19.6 29.4
61 21.9 20.6 31.0





#75
 1,1,2,2-Tetrachloroethane
 Concen: 51.237 ug/l
 RT: 12.918 min Scan# 1864
 Delta R.T. 0.000 min
 Lab File: VN087368.D
 Acq: 21 Jul 2025 10:38

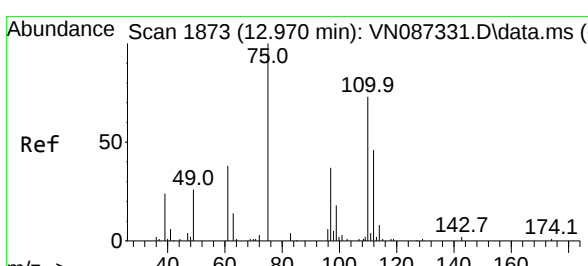
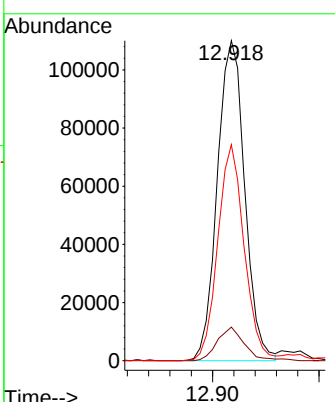
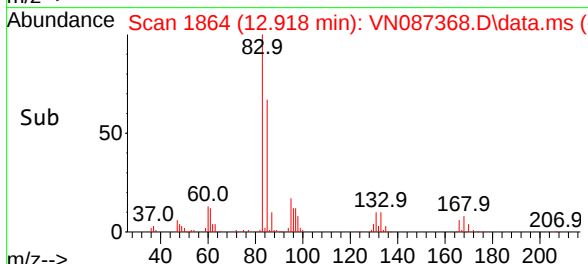
Instrument : MSVOA_N
 ClientSampleId : VSTDCCC050



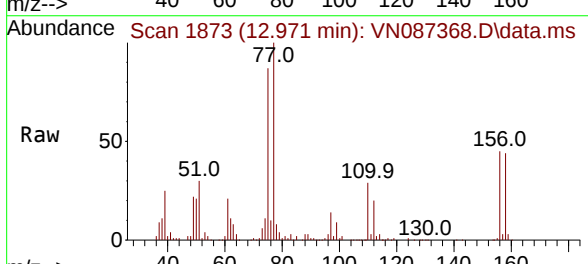
Tgt Ion: 83 Resp: 19689

Ion	Ratio	Lower	Upper
83	100		
131	10.5	5.1	15.3
85	64.8	32.5	97.4

Manual Integrations
APPROVED
 Reviewed By :John Carlone 07/22/2025
 Supervised By :Mahesh Dadoda 07/22/2025

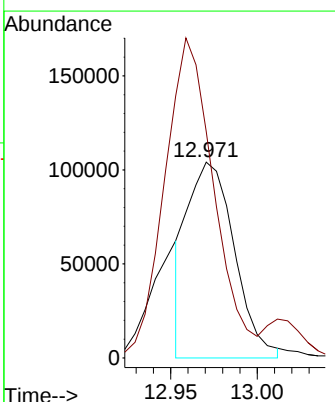
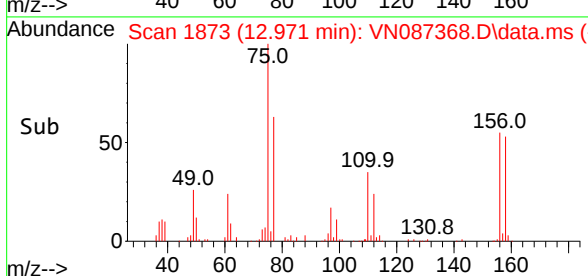


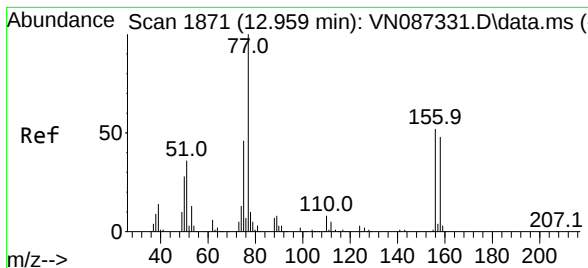
#76
 1,2,3-Trichloropropane
 Concen: 53.949 ug/l m
 RT: 12.971 min Scan# 1873
 Delta R.T. 0.000 min
 Lab File: VN087368.D
 Acq: 21 Jul 2025 10:38



Tgt Ion: 75 Resp: 196300

Ion	Ratio	Lower	Upper
75	100		
77	172.1	94.5	283.6





#77

Bromobenzene

Concen: 56.468 ug/l

RT: 12.959 min Scan# 1871

Delta R.T. 0.000 min

Lab File: VN087368.D

Acq: 21 Jul 2025 10:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:156 Resp: 149559

Ion Ratio Lower Upper

156 100

77 225.9 114.9 344.6

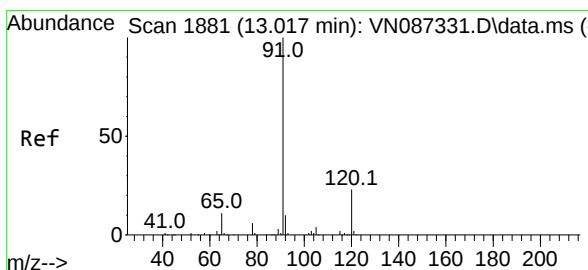
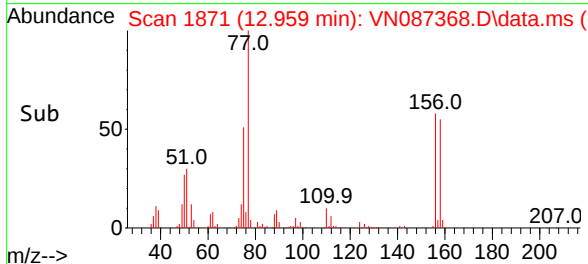
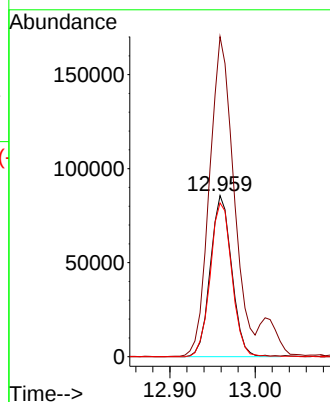
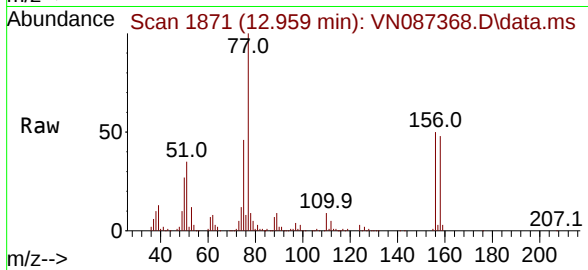
158 96.4 48.5 145.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/22/2025

Supervised By :Mahesh Dadoda 07/22/2025



#78

n-propylbenzene

Concen: 60.540 ug/l

RT: 13.012 min Scan# 1880

Delta R.T. -0.006 min

Lab File: VN087368.D

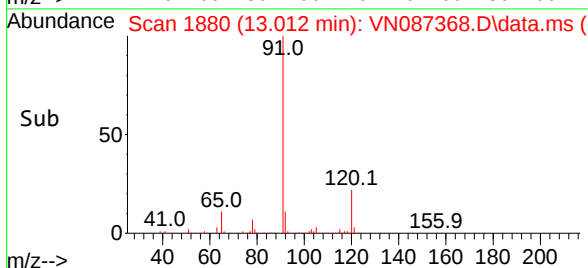
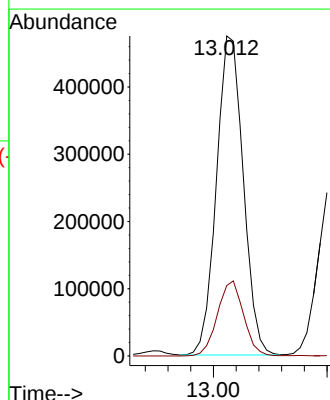
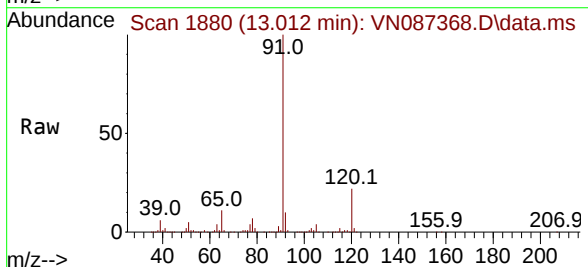
Acq: 21 Jul 2025 10:38

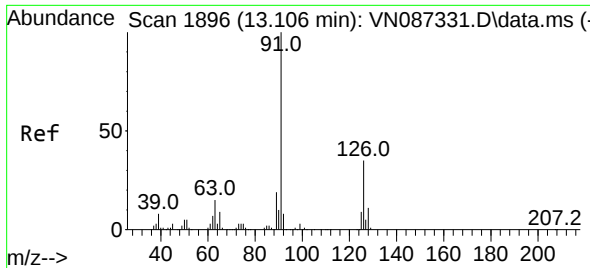
Tgt Ion: 91 Resp: 777876

Ion Ratio Lower Upper

91 100

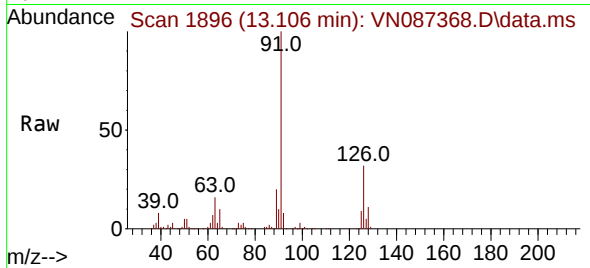
120 22.9 11.3 33.8





#79
2-Chlorotoluene
Concen: 56.702 ug/l
RT: 13.106 min Scan# 1896
Delta R.T. 0.000 min
Lab File: VN087368.D
Acq: 21 Jul 2025 10:38

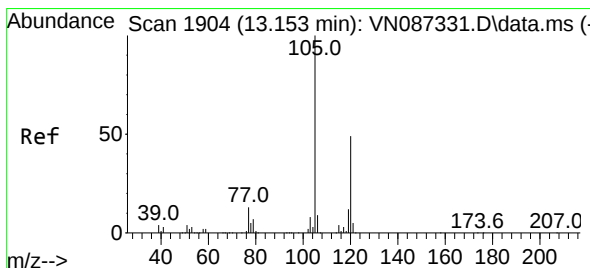
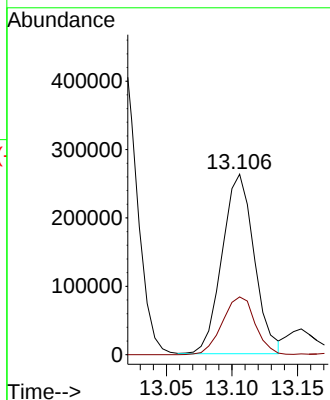
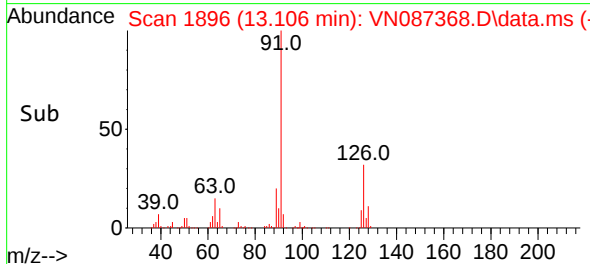
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



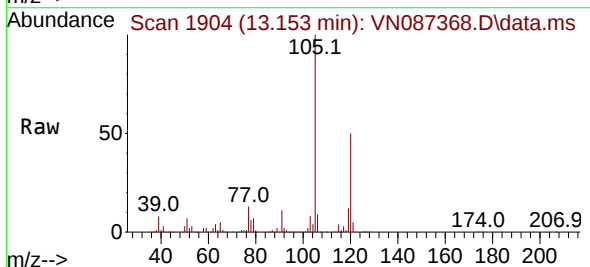
Tgt Ion: 91 Resp: 447750
Ion Ratio Lower Upper
91 100
126 32.9 16.9 50.6

Manual Integrations
APPROVED

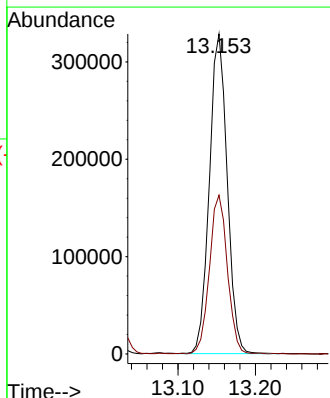
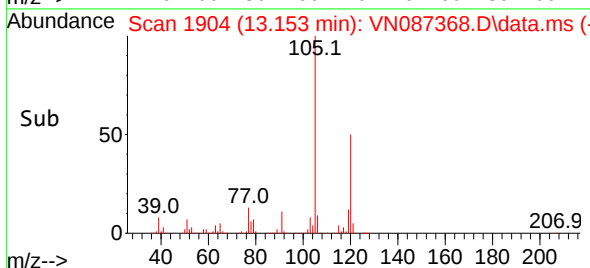
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025

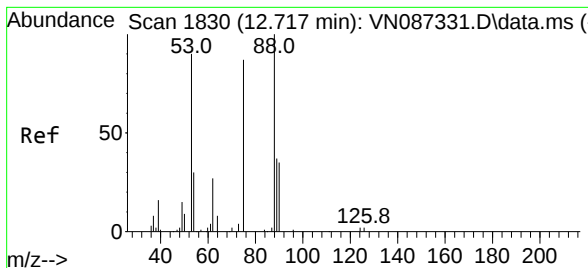


#80
1,3,5-Trimethylbenzene
Concen: 60.253 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VN087368.D
Acq: 21 Jul 2025 10:38



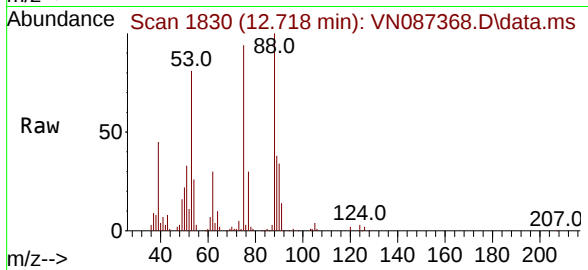
Tgt Ion:105 Resp: 524279
Ion Ratio Lower Upper
105 100
120 49.9 24.3 72.8





#81
trans-1,4-Dichloro-2-butene
Concen: 53.584 ug/l
RT: 12.718 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN087368.D
Acq: 21 Jul 2025 10:38

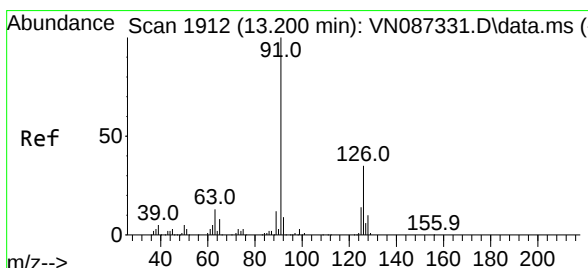
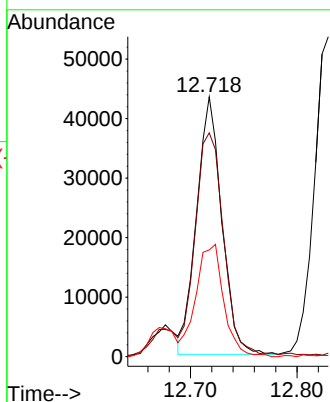
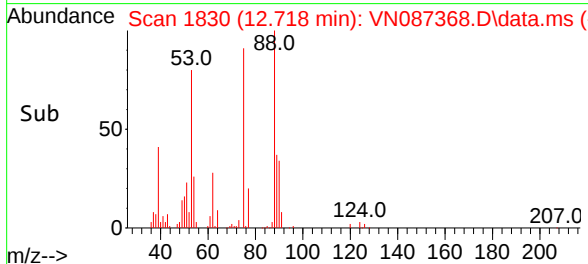
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 7125
Ion Ratio Lower Upper
75 100
53 96.5 83.5 125.3
89 48.2 38.4 57.6

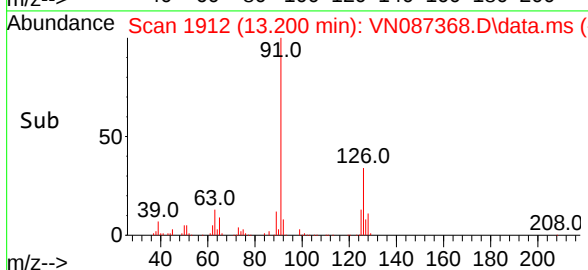
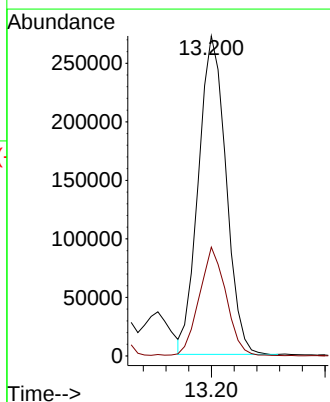
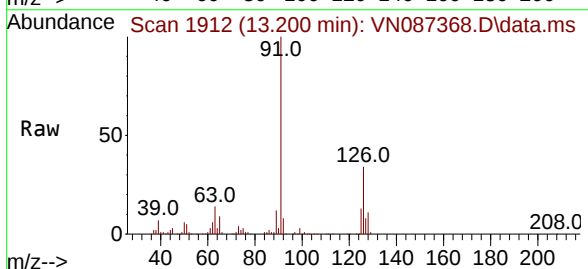
Manual Integrations
APPROVED

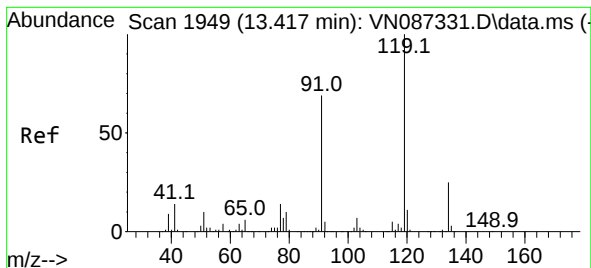
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#82
4-Chlorotoluene
Concen: 55.780 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VN087368.D
Acq: 21 Jul 2025 10:38

Tgt Ion: 91 Resp: 458601
Ion Ratio Lower Upper
91 100
126 33.4 16.6 49.7





#83

tert-Butylbenzene

Concen: 62.712 ug/l

RT: 13.418 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VN087368.D

Acq: 21 Jul 2025 10:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

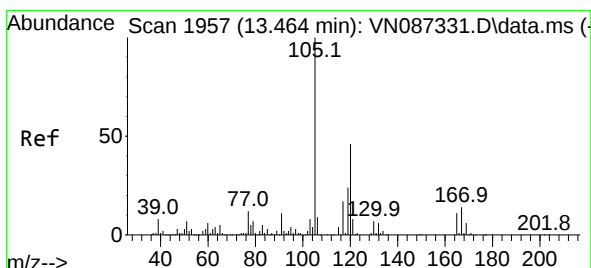
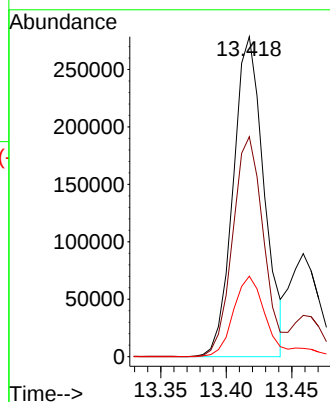
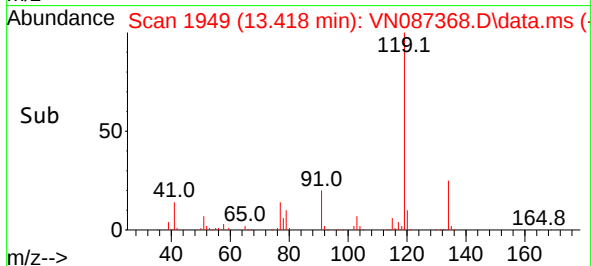
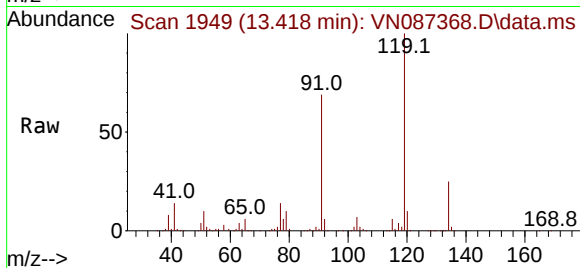
Tgt Ion:119 Resp: 455752
 Ion Ratio Lower Upper
 119 100
 91 69.8 35.0 105.1
 134 27.7 12.6 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/22/2025

Supervised By :Mahesh Dadoda 07/22/2025



#84

1,2,4-Trimethylbenzene

Concen: 60.341 ug/l

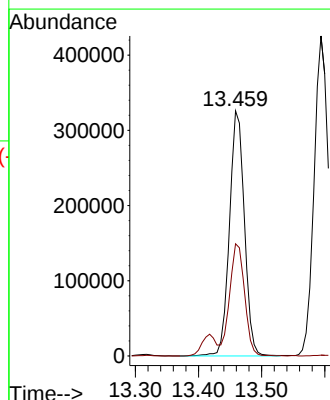
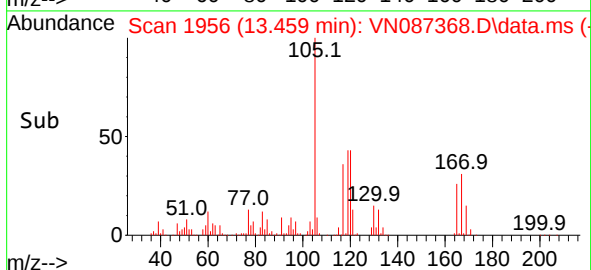
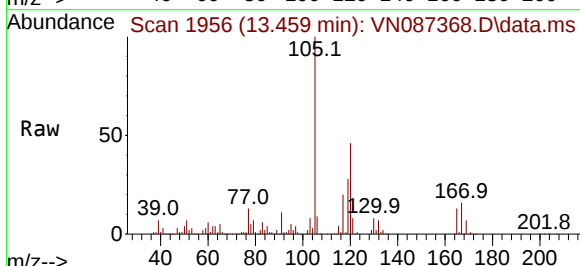
RT: 13.459 min Scan# 1956

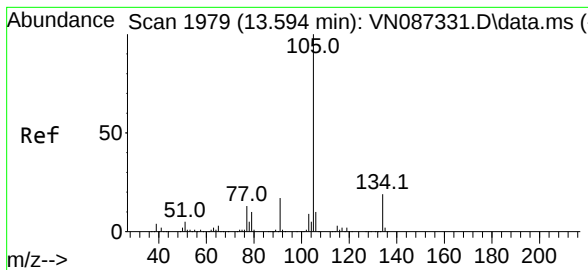
Delta R.T. -0.006 min

Lab File: VN087368.D

Acq: 21 Jul 2025 10:38

Tgt Ion:105 Resp: 536180
 Ion Ratio Lower Upper
 105 100
 120 46.4 22.8 68.3





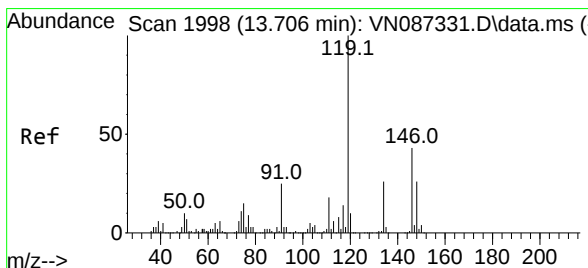
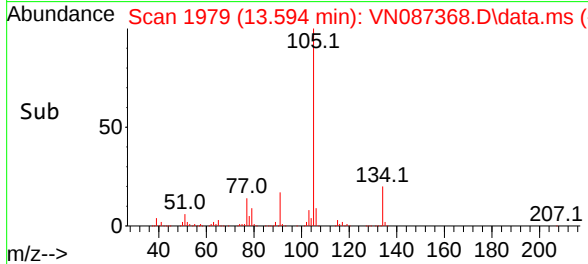
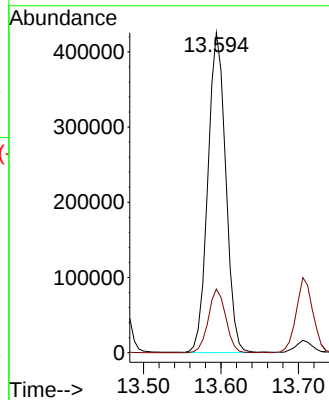
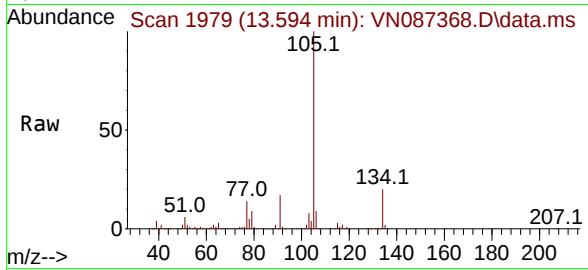
#85
 sec-Butylbenzene
 Concen: 62.226 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VN087368.D
 Acq: 21 Jul 2025 10:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 681159
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.8 29.4

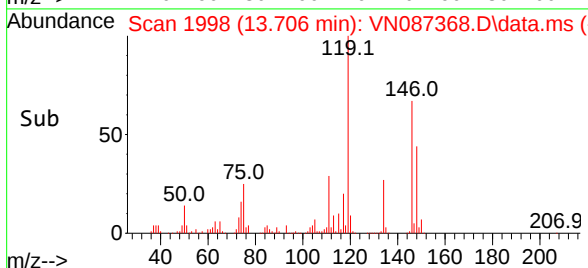
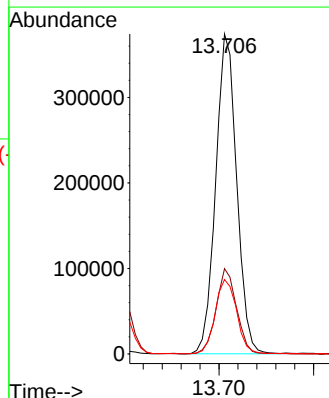
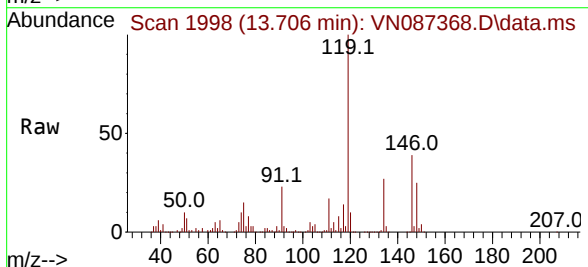
Manual Integrations
 APPROVED

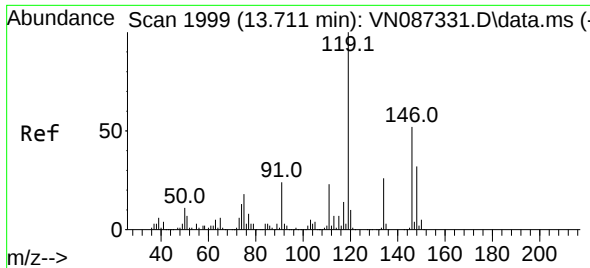
Reviewed By :John Carlone 07/22/2025
 Supervised By :Mahesh Dadoda 07/22/2025



#86
 p-Isopropyltoluene
 Concen: 65.575 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. 0.000 min
 Lab File: VN087368.D
 Acq: 21 Jul 2025 10:38

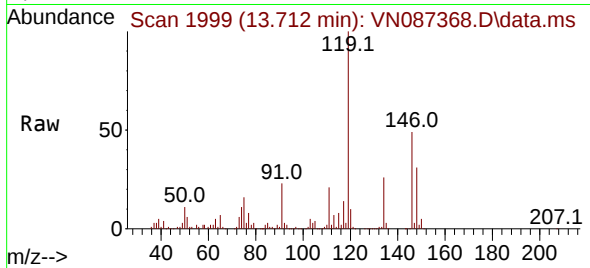
Tgt Ion:119 Resp: 575261
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.5 40.5
 91 23.9 12.2 36.6





#87
1,3-Dichlorobenzene
Concen: 55.624 ug/l
RT: 13.712 min Scan# 1999
Delta R.T. 0.000 min
Lab File: VN087368.D
Acq: 21 Jul 2025 10:38

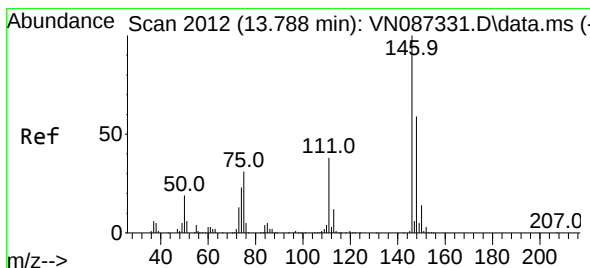
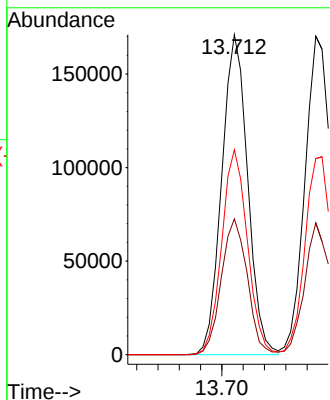
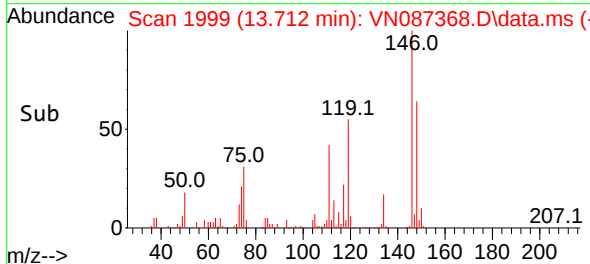
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



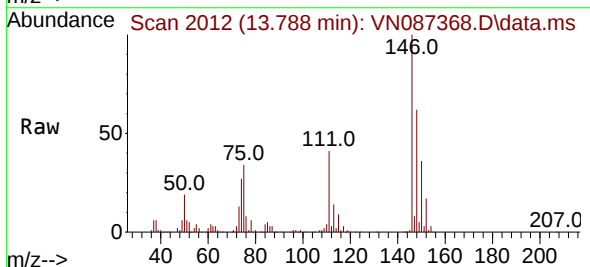
Tgt Ion:146 Resp: 289139
Ion Ratio Lower Upper
146 100
111 42.4 21.4 64.3
148 63.5 31.6 95.0

Manual Integrations
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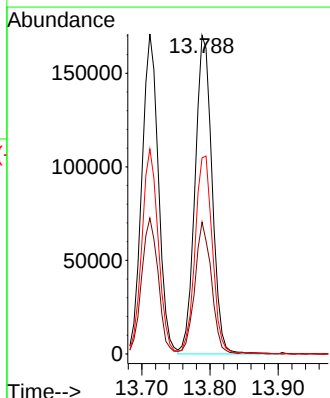
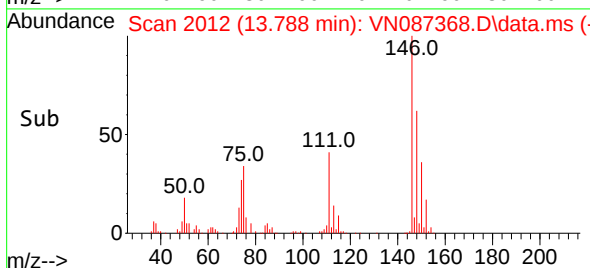
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025

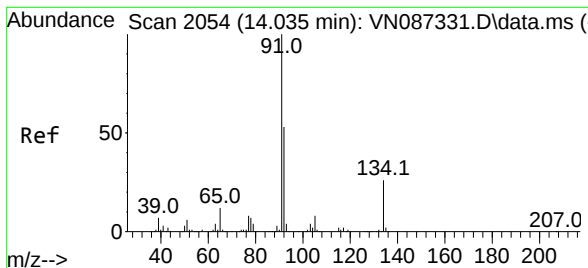


#88
1,4-Dichlorobenzene
Concen: 53.229 ug/l
RT: 13.788 min Scan# 1212
Delta R.T. 0.000 min
Lab File: VN087368.D
Acq: 21 Jul 2025 10:38



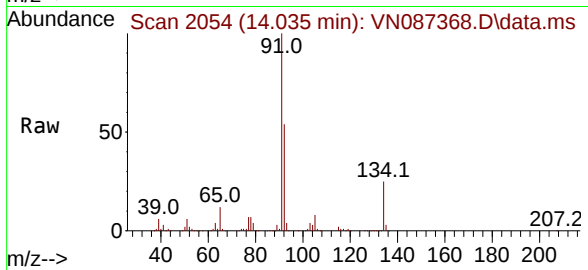
Tgt Ion:146 Resp: 295512
Ion Ratio Lower Upper
146 100
111 40.0 19.6 58.7
148 63.4 31.4 94.0





#89
n-Butylbenzene
Concen: 63.795 ug/l
RT: 14.035 min Scan# 2054
Delta R.T. 0.000 min
Lab File: VN087368.D
Acq: 21 Jul 2025 10:38

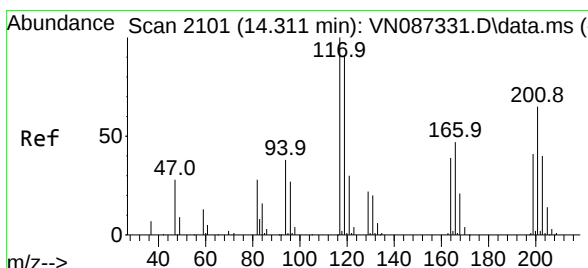
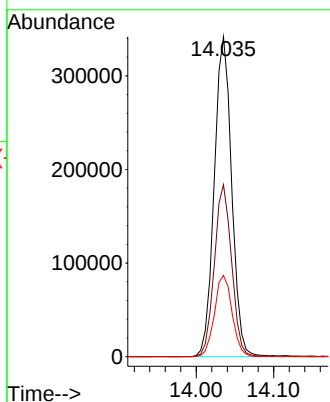
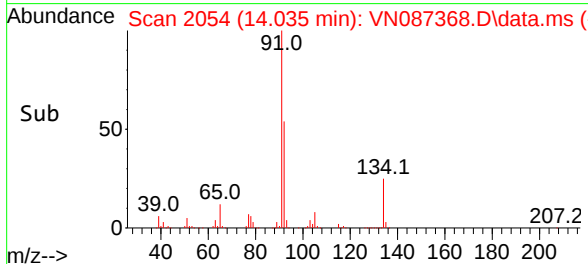
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 534390
Ion Ratio Lower Upper
91 100
92 53.2 26.2 78.6
134 25.8 12.4 37.2

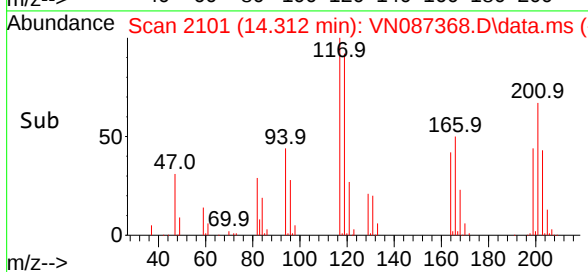
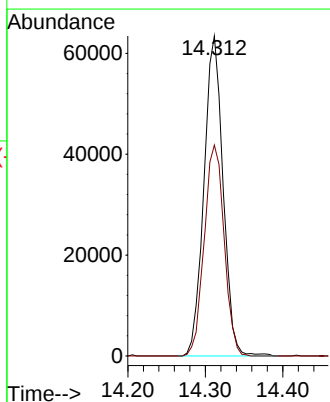
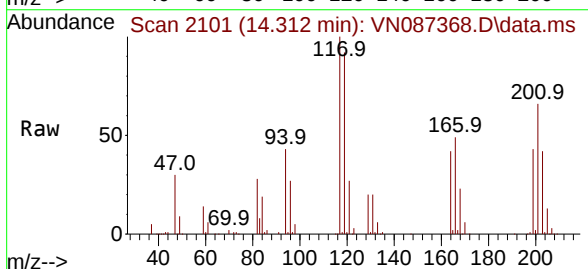
Manual Integrations
APPROVED

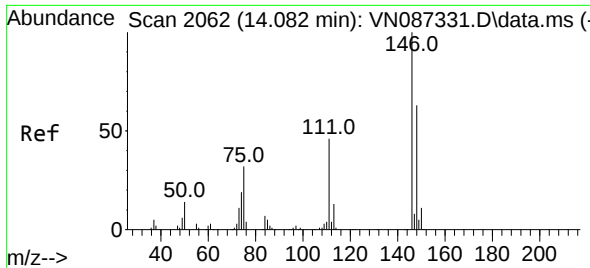
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#90
Hexachloroethane
Concen: 58.433 ug/l
RT: 14.312 min Scan# 2101
Delta R.T. 0.000 min
Lab File: VN087368.D
Acq: 21 Jul 2025 10:38

Tgt Ion:117 Resp: 108610
Ion Ratio Lower Upper
117 100
201 68.6 32.8 98.4





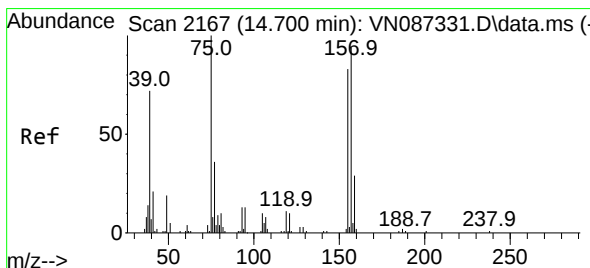
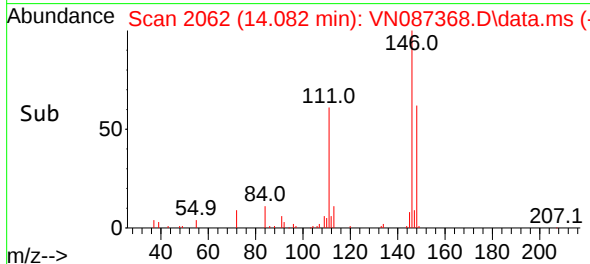
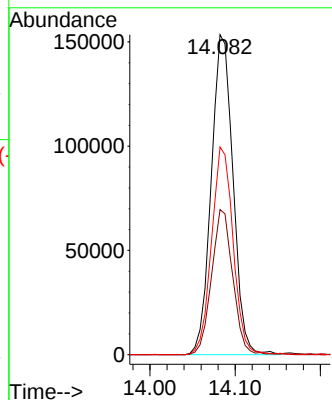
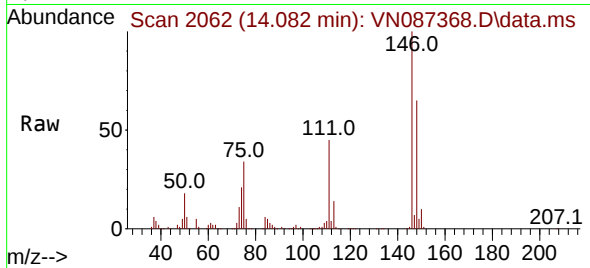
#91
1,2-Dichlorobenzene
Concen: 55.319 ug/l
RT: 14.082 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VN087368.D
Acq: 21 Jul 2025 10:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 272418
Ion Ratio Lower Upper
146 100
111 44.1 22.0 66.0
148 64.3 32.7 98.1

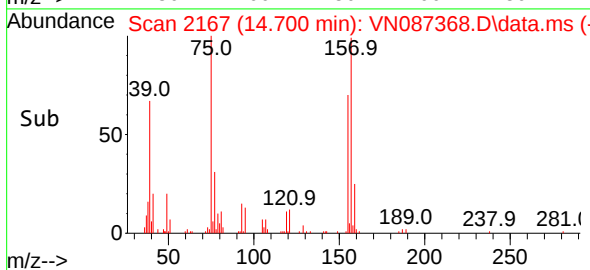
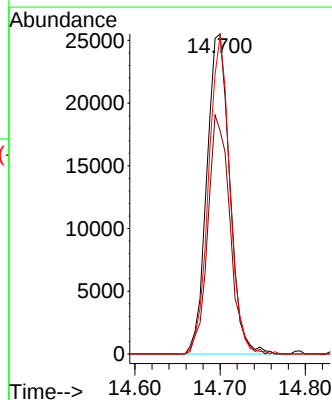
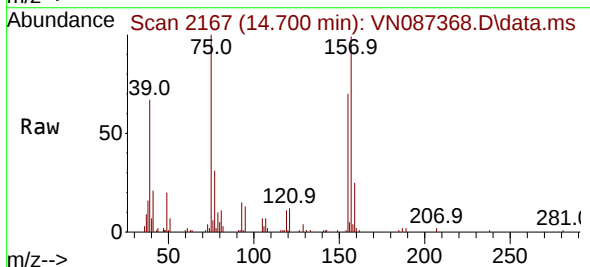
Manual Integrations
APPROVED

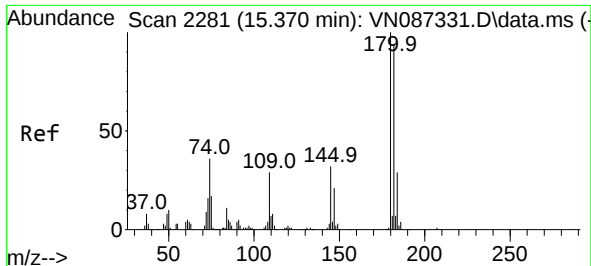
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 47.158 ug/l
RT: 14.700 min Scan# 2167
Delta R.T. 0.000 min
Lab File: VN087368.D
Acq: 21 Jul 2025 10:38

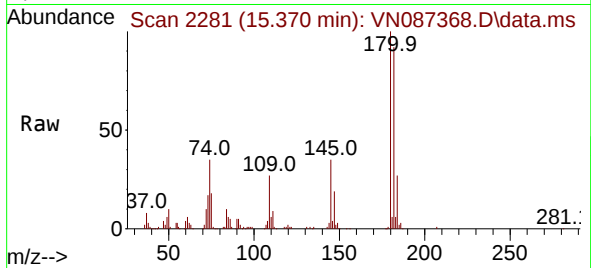
Tgt Ion: 75 Resp: 47578
Ion Ratio Lower Upper
75 100
155 72.1 37.3 111.8
157 92.0 46.2 138.6





#93
1,2,4-Trichlorobenzene
Concen: 58.393 ug/l
RT: 15.370 min Scan# 2281
Delta R.T. 0.000 min
Lab File: VN087368.D
Acq: 21 Jul 2025 10:38

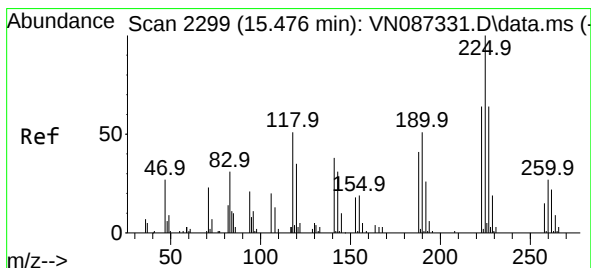
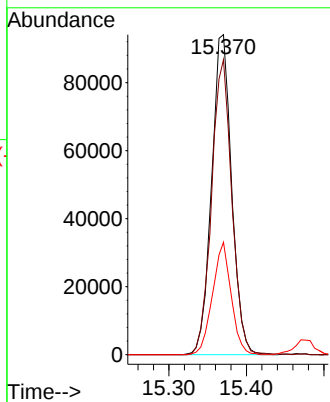
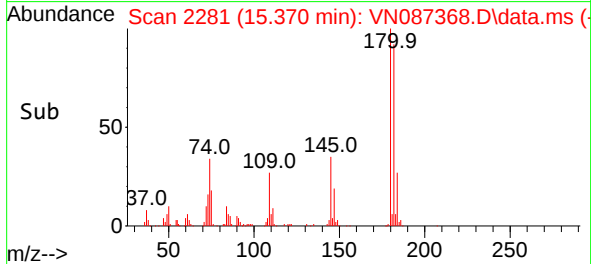
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:180 Resp: 16891
Ion Ratio Lower Upper
180 100
182 93.3 47.3 141.8
145 32.7 15.4 46.4

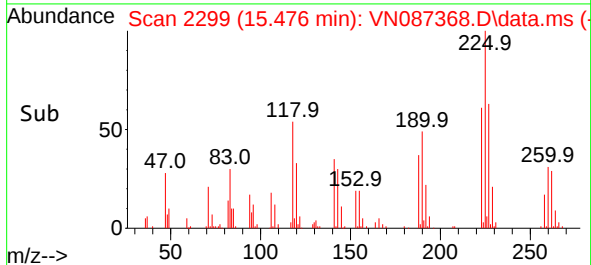
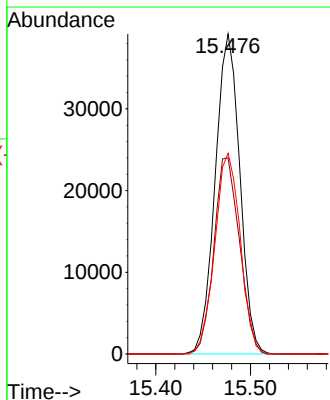
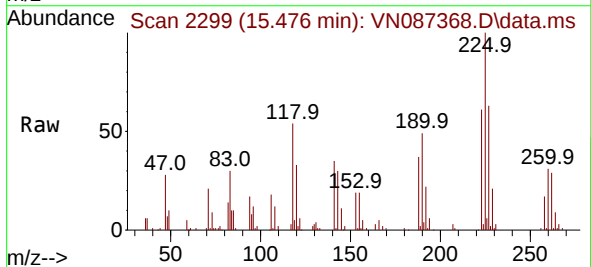
Manual Integrations
APPROVED

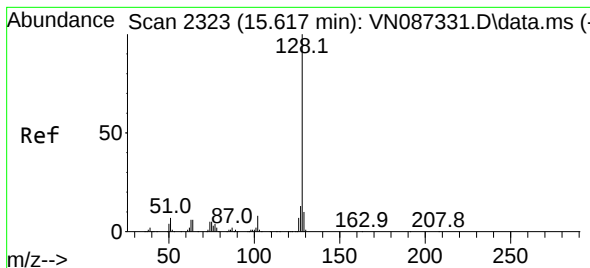
Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#94
Hexachlorobutadiene
Concen: 65.866 ug/l
RT: 15.476 min Scan# 2299
Delta R.T. 0.000 min
Lab File: VN087368.D
Acq: 21 Jul 2025 10:38

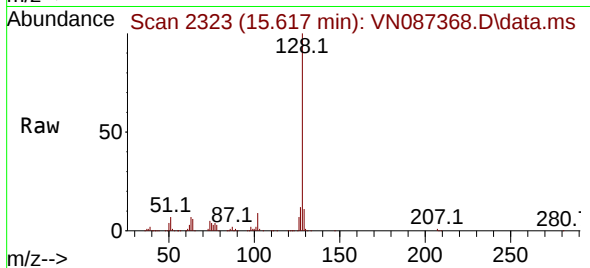
Tgt Ion:225 Resp: 70795
Ion Ratio Lower Upper
225 100
223 63.8 32.1 96.3
227 64.7 31.3 93.9





#95
Naphthalene
Concen: 55.095 ug/l
RT: 15.617 min Scan# 2323
Delta R.T. 0.000 min
Lab File: VN087368.D
Acq: 21 Jul 2025 10:38

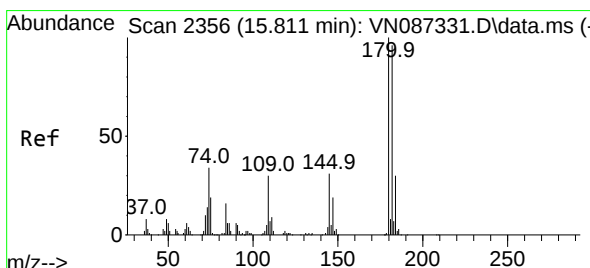
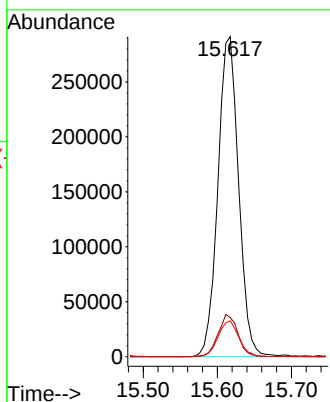
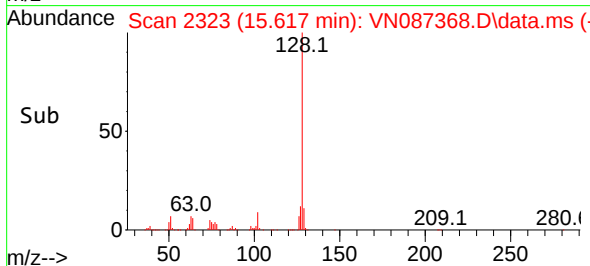
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



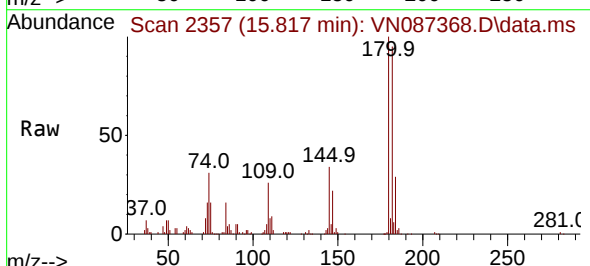
Tgt Ion:128 Resp: 564590
Ion Ratio Lower Upper
128 100
127 12.7 10.5 15.7
129 11.1 8.4 12.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/22/2025
Supervised By :Mahesh Dadoda 07/22/2025



#96
1,2,3-Trichlorobenzene
Concen: 57.042 ug/l
RT: 15.817 min Scan# 2357
Delta R.T. 0.006 min
Lab File: VN087368.D
Acq: 21 Jul 2025 10:38



Tgt Ion:180 Resp: 165516
Ion Ratio Lower Upper
180 100
182 94.4 47.1 141.4
145 34.0 16.9 50.6

