

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
 Data File : VN088370.D
 Acq On : 01 Dec 2025 09:58
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/02/2025
 Supervised By : Mahesh Dadoda 12/02/2025

Quant Time: Dec 02 00:07:59 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 25 01:34:52 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.200	168	262500	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	457607	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	408098	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.765	152	197460	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	251592	50.878	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.760%			
35) Dibromofluoromethane	8.147	113	172647	54.442	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.880%			
50) Toluene-d8	10.541	98	620606	52.597	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.200%			
62) 4-Bromofluorobenzene	12.823	95	216098	53.376	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 106.760%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	213988	54.274	ug/l	98
3) Chloromethane	2.383	50	225109	53.159	ug/l	97
4) Vinyl Chloride	2.536	62	223310	51.837	ug/l	98
5) Bromomethane	2.977	94	107123	51.665	ug/l	97
6) Chloroethane	3.136	64	137709	51.654	ug/l	96
7) Trichlorofluoromethane	3.512	101	313594	51.793	ug/l	100
8) Diethyl Ether	3.965	74	122135	53.743	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.365	101	166917	51.784	ug/l	97
10) Methyl Iodide	4.577	142	178922	56.072	ug/l	100
11) Tert butyl alcohol	5.518	59	205497	260.289	ug/l	97
12) 1,1-Dichloroethene	4.342	96	159359	49.760	ug/l	98
13) Acrolein	4.171	56	291964	386.274	ug/l	98
14) Allyl chloride	5.012	41	306169	51.579	ug/l	99
15) Acrylonitrile	5.706	53	631123	277.070	ug/l	99
16) Acetone	4.418	43	353017	197.397	ug/l	99
17) Carbon Disulfide	4.700	76	546678	52.238	ug/l	100
18) Methyl Acetate	5.012	43	290775	54.622	ug/l	100
19) Methyl tert-butyl Ether	5.783	73	689442	57.460	ug/l	96
20) Methylene Chloride	5.265	84	207762	54.299	ug/l	98
21) trans-1,2-Dichloroethene	5.771	96	190100	53.585	ug/l	98
22) Diisopropyl ether	6.653	45	704752	55.612	ug/l	98
23) Vinyl Acetate	6.589	43	2933303m	287.290	ug/l	
24) 1,1-Dichloroethane	6.553	63	382166	53.252	ug/l	99
25) 2-Butanone	7.465	43	709877	246.913	ug/l	99
26) 2,2-Dichloropropane	7.471	77	325483	52.543	ug/l	98
27) cis-1,2-Dichloroethene	7.471	96	225942	54.801	ug/l	98
28) Bromochloromethane	7.794	49	176525	49.377	ug/l	99
29) Tetrahydrofuran	7.824	42	580681	281.590	ug/l	99
30) Chloroform	7.947	83	378896	53.730	ug/l	95
31) Cyclohexane	8.235	56	337193	51.848	ug/l	98
32) 1,1,1-Trichloroethane	8.147	97	320304	51.659	ug/l	99
36) 1,1-Dichloropropene	8.353	75	257172	52.546	ug/l	98
37) Ethyl Acetate	7.541	43	351134	54.564	ug/l	98
38) Carbon Tetrachloride	8.341	117	267192	54.841	ug/l	95
39) Methylcyclohexane	9.582	83	303843	58.041	ug/l	97
40) Benzene	8.588	78	795502	55.380	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.759	41	178298m	55.940	ug/l	
42) 1,2-Dichloroethane	8.653	62	309394	56.455	ug/l	99
43) Isopropyl Acetate	8.671	43	566144	57.580	ug/l	99
44) Trichloroethene	9.330	130	189717	55.896	ug/l	99
45) 1,2-Dichloropropane	9.600	63	207193	56.298	ug/l	94
46) Dibromomethane	9.688	93	152439	58.039	ug/l	98
47) Bromodichloromethane	9.865	83	306641	57.219	ug/l	99
48) Methyl methacrylate	9.659	41	262260	58.460	ug/l	99
49) 1,4-Dioxane	9.682	88	61264	1073.826	ug/l #	98
51) 4-Methyl-2-Pentanone	10.424	43	1709516	294.976	ug/l	99
52) Toluene	10.606	92	472964	57.023	ug/l	98
53) t-1,3-Dichloropropene	10.812	75	320705	58.302	ug/l	99
54) cis-1,3-Dichloropropene	10.294	75	342246	59.163	ug/l	96
55) 1,1,2-Trichloroethane	10.994	97	183113	57.061	ug/l	99
56) Ethyl methacrylate	10.853	69	317004	62.537	ug/l	98
57) 1,3-Dichloropropane	11.141	76	338648	58.496	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.135	63	944366	323.148	ug/l	99
59) 2-Hexanone	11.176	43	1048679	287.241	ug/l	99
60) Dibromochloromethane	11.335	129	212408	58.062	ug/l	98
61) 1,2-Dibromoethane	11.447	107	189124	58.199	ug/l	99
64) Tetrachloroethene	11.082	164	173317	53.571	ug/l	99
65) Chlorobenzene	11.871	112	506678	55.274	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.935	131	176540	57.102	ug/l	100
67) Ethyl Benzene	11.941	91	892546	55.709	ug/l	99
68) m/p-Xylenes	12.047	106	666195	112.150	ug/l	99
69) o-Xylene	12.376	106	317531	56.069	ug/l	98
70) Styrene	12.388	104	545300	59.301	ug/l	99
71) Bromoform	12.559	173	137488	60.715	ug/l #	100
73) Isopropylbenzene	12.670	105	825111	56.515	ug/l	99
74) N-amyl acetate	12.494	43	246831m	49.643	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.918	83	259360	54.950	ug/l	99
76) 1,2,3-Trichloropropane	12.970	75	258773m	55.953	ug/l	
77) Bromobenzene	12.959	156	190979	57.171	ug/l	98
78) n-propylbenzene	13.012	91	1008099	56.441	ug/l	100
79) 2-Chlorotoluene	13.100	91	601237	55.123	ug/l	99
80) 1,3,5-Trimethylbenzene	13.147	105	692333	57.227	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.718	75	97180	59.611	ug/l #	87
82) 4-Chlorotoluene	13.200	91	633461	58.473	ug/l	99
83) tert-Butylbenzene	13.412	119	573074	55.723	ug/l	100
84) 1,2,4-Trimethylbenzene	13.459	105	704771	58.609	ug/l	99
85) sec-Butylbenzene	13.594	105	840504	56.889	ug/l	100
86) p-Isopropyltoluene	13.706	119	696965	57.528	ug/l	99
87) 1,3-Dichlorobenzene	13.712	146	365660	56.231	ug/l	99
88) 1,4-Dichlorobenzene	13.788	146	375462	55.121	ug/l	99
89) n-Butylbenzene	14.029	91	663659	56.418	ug/l	100
90) Hexachloroethane	14.306	117	124701	56.344	ug/l	99
91) 1,2-Dichlorobenzene	14.082	146	346992	56.704	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.694	75	62609	54.672	ug/l	98
93) 1,2,4-Trichlorobenzene	15.364	180	205849	56.615	ug/l	98
94) Hexachlorobutadiene	15.470	225	69826	53.442	ug/l	98
95) Naphthalene	15.611	128	732311	58.123	ug/l	99
96) 1,2,3-Trichlorobenzene	15.811	180	195344	55.205	ug/l	97

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Quant Title : SW846 8260
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Response via : Initial Calibration

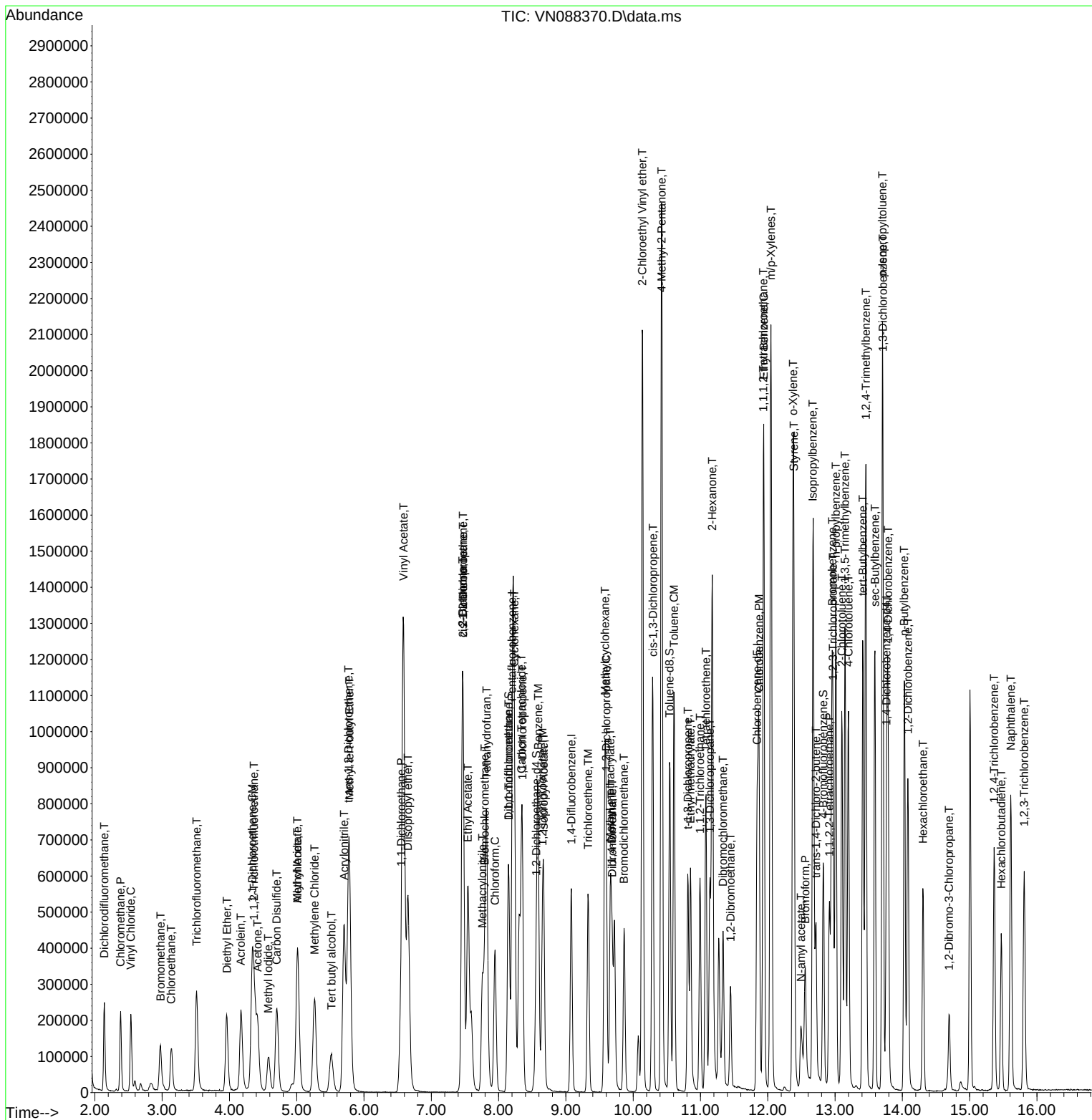
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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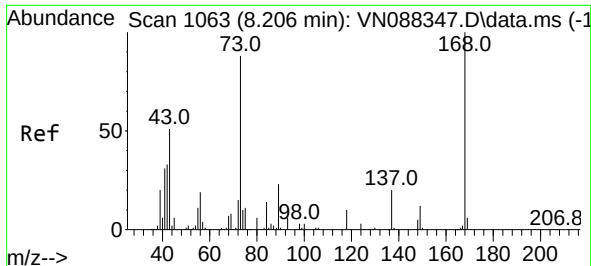
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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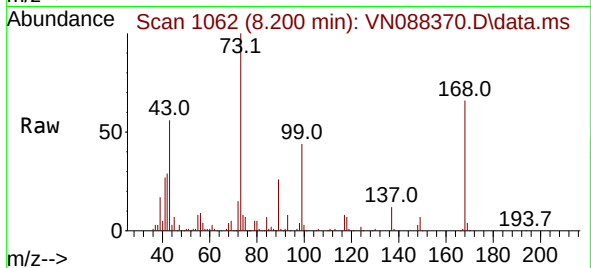
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.200 min Scan# 1063
Delta R.T. -0.006 min
Lab File: VN088370.D
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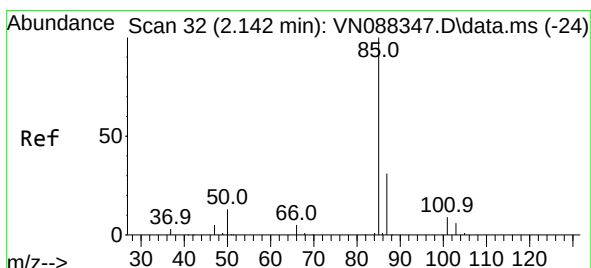
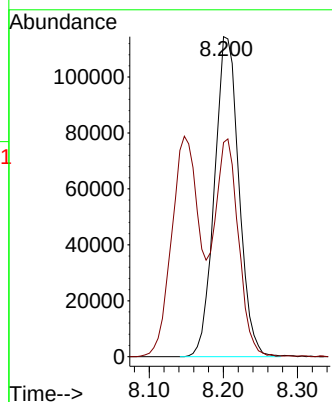
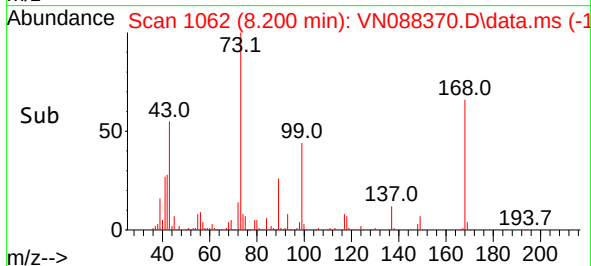
Instrument :
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VSTDCCC050



Tgt Ion:168 Resp: 262500
Ion Ratio Lower Upper
168 100
99 66.7 57.1 85.7

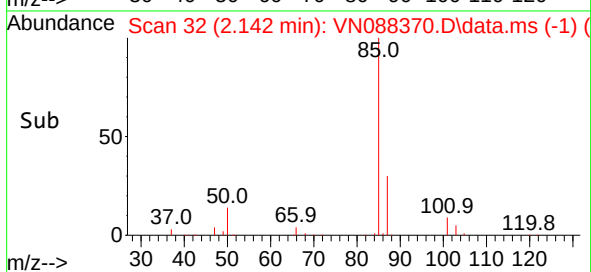
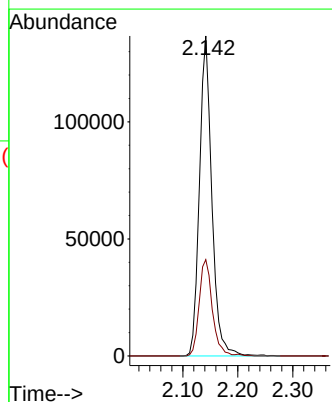
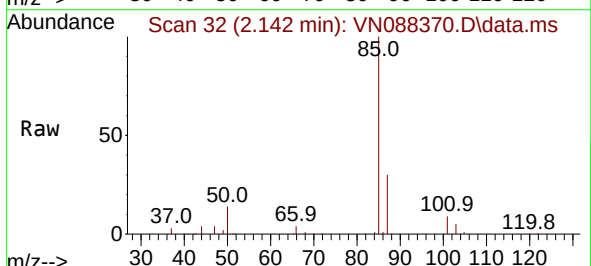
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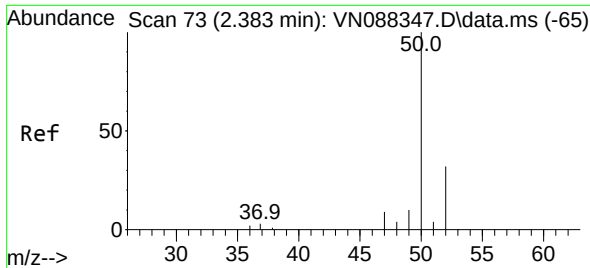
Reviewed By :John Carlone 12/02/2025
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#2
Dichlorodifluoromethane
Concen: 54.274 ug/l
RT: 2.142 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN088370.D
Acq: 01 Dec 2025 09:58

Tgt Ion: 85 Resp: 213988
Ion Ratio Lower Upper
85 100
87 30.1 15.6 46.7





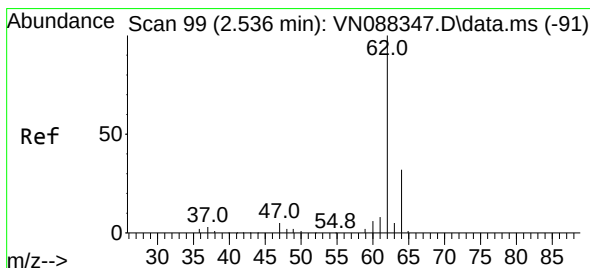
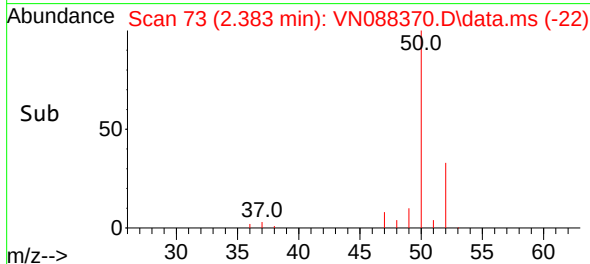
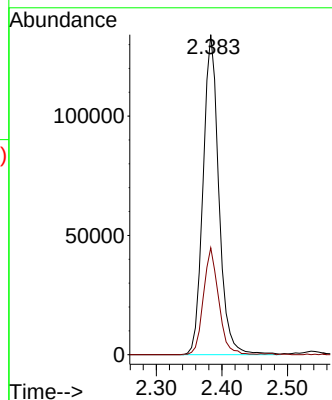
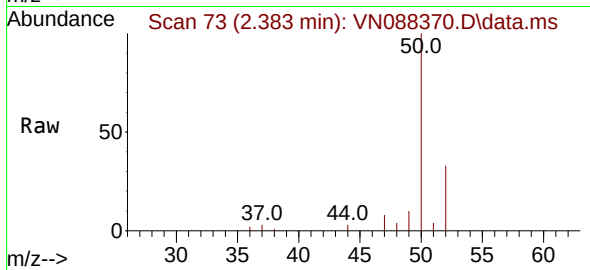
#3
Chloromethane
Concen: 53.159 ug/l
RT: 2.383 min Scan# 73
Delta R.T. 0.000 min
Lab File: VN088370.D
Acq: 01 Dec 2025 09:58

Instrument :
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Tgt Ion: 50 Resp: 225109
Ion Ratio Lower Upper
50 100
52 33.4 25.2 37.8

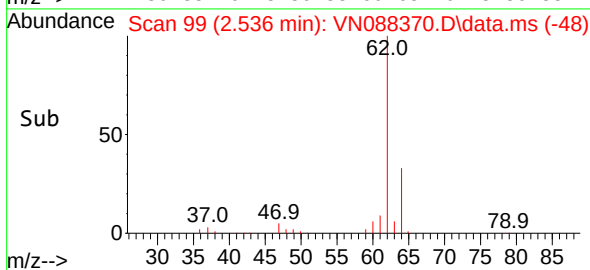
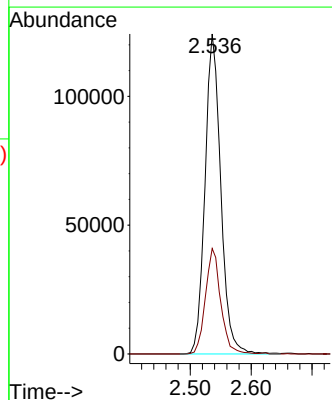
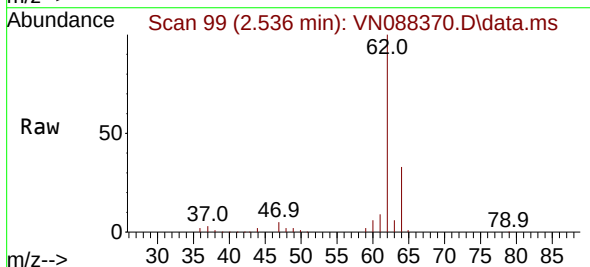
Manual Integrations
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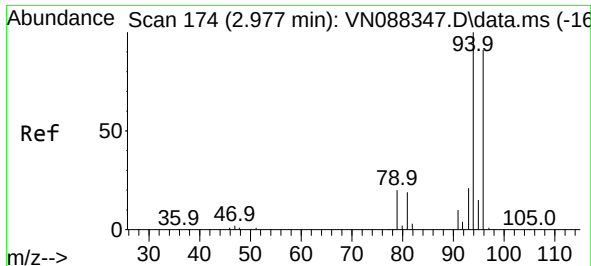
Reviewed By :John Carlone 12/02/2025
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#4
Vinyl Chloride
Concen: 51.837 ug/l
RT: 2.536 min Scan# 99
Delta R.T. 0.000 min
Lab File: VN088370.D
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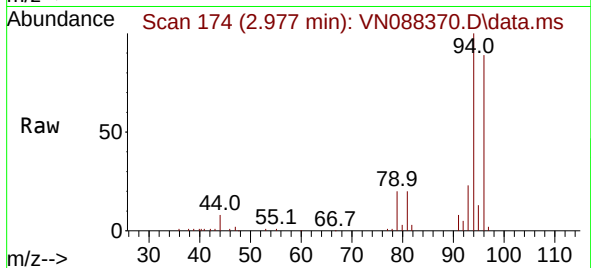
Tgt Ion: 62 Resp: 223310
Ion Ratio Lower Upper
62 100
64 33.0 25.4 38.2





#5
Bromomethane
Concen: 51.665 ug/l
RT: 2.977 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN088370.D
Acq: 01 Dec 2025 09:58

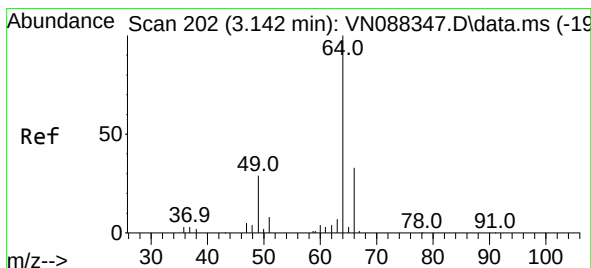
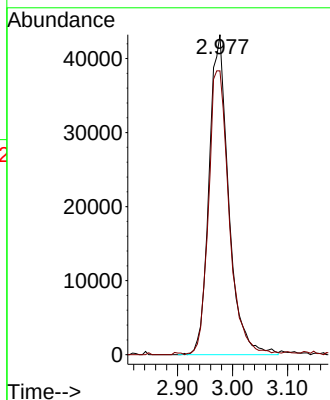
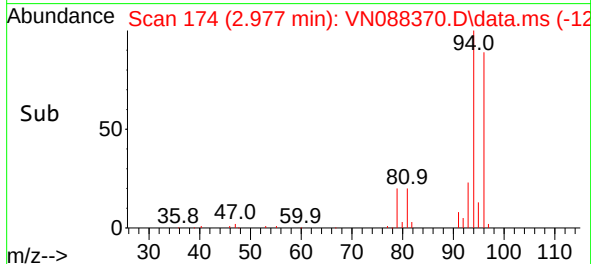
Instrument :
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Tgt Ion: 94 Resp: 10712
Ion Ratio Lower Upper
94 100
96 88.2 73.2 109.8

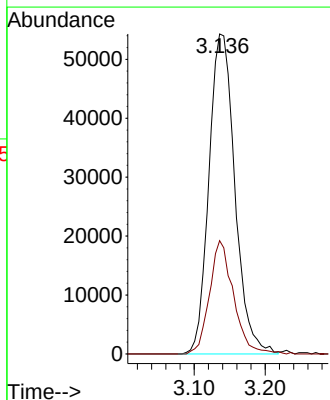
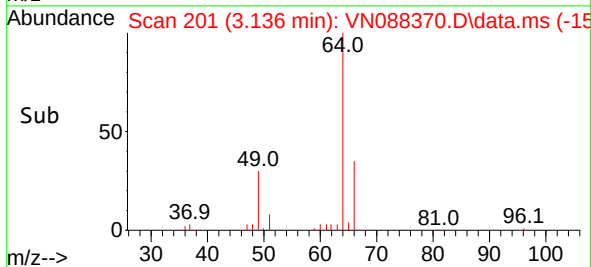
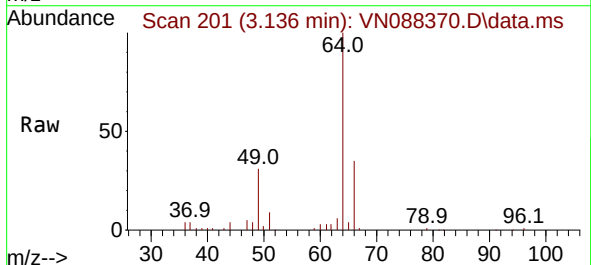
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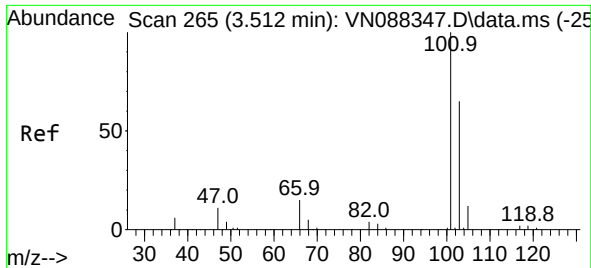
Reviewed By :John Carlone 12/02/2025
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#6
Chloroethane
Concen: 51.654 ug/l
RT: 3.136 min Scan# 201
Delta R.T. -0.006 min
Lab File: VN088370.D
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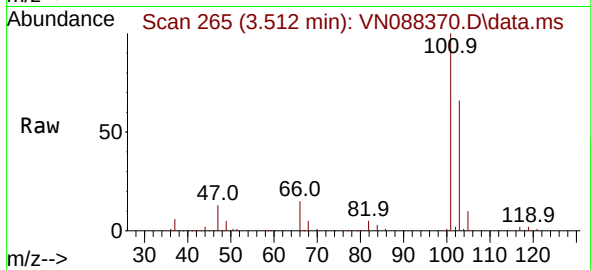
Tgt Ion: 64 Resp: 137709
Ion Ratio Lower Upper
64 100
66 35.4 26.4 39.6





#7
Trichlorofluoromethane
Concen: 51.793 ug/l
RT: 3.512 min Scan# 20
Delta R.T. 0.000 min
Lab File: VN088370.D
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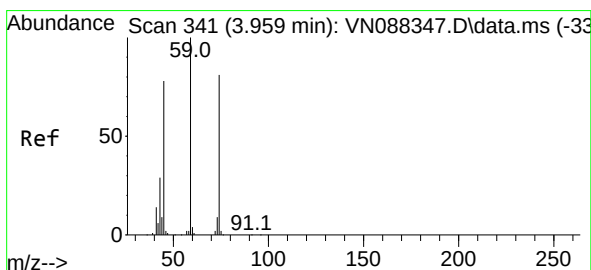
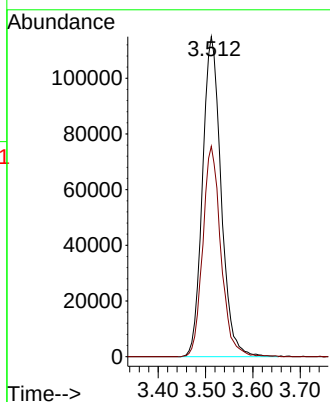
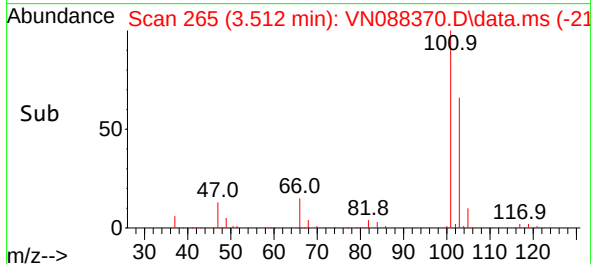
Instrument :
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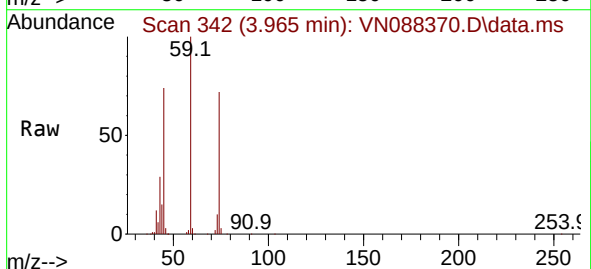
Tgt Ion:101 Resp: 313594
Ion Ratio Lower Upper
101 100
103 65.7 52.3 78.5

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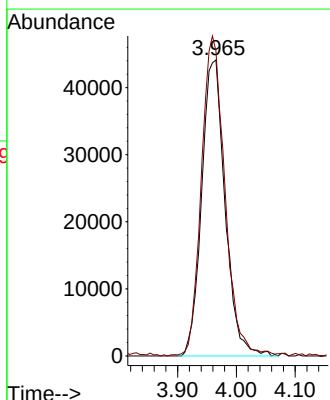
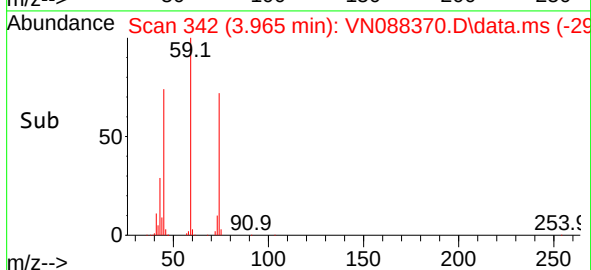
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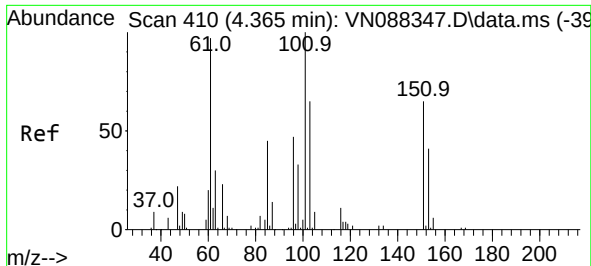


#8
Diethyl Ether
Concen: 53.743 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.006 min
Lab File: VN088370.D
Acq: 01 Dec 2025 09:58



Tgt Ion: 74 Resp: 122135
Ion Ratio Lower Upper
74 100
45 108.4 54.2 162.6





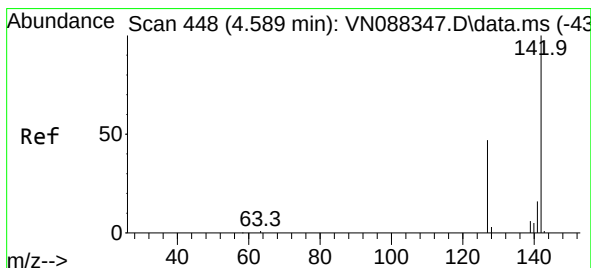
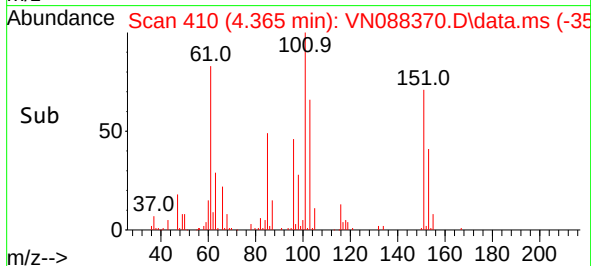
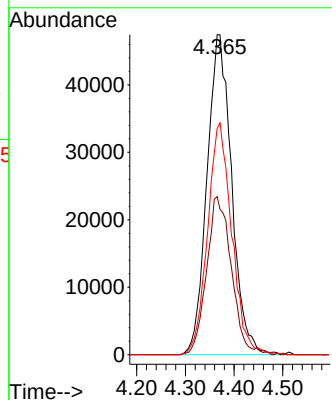
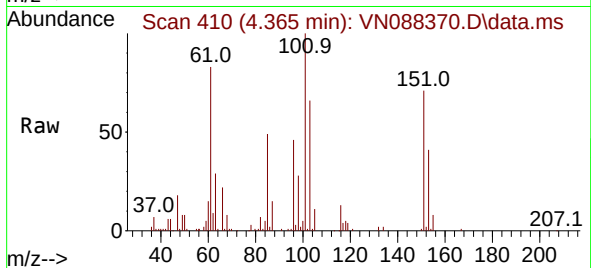
#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.784 ug/l
RT: 4.365 min Scan# 410
Delta R.T. 0.000 min
Lab File: VN088370.D
Acq: 01 Dec 2025 09:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 16691
Ion Ratio Lower Upper
101 100
85 49.5 39.2 58.8
151 71.0 53.6 80.4

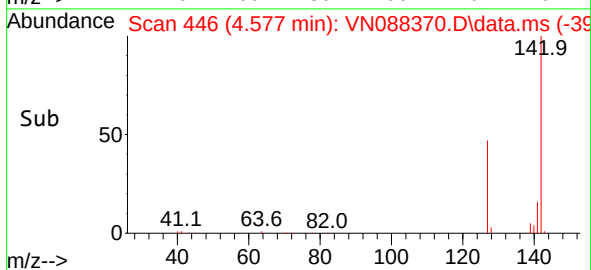
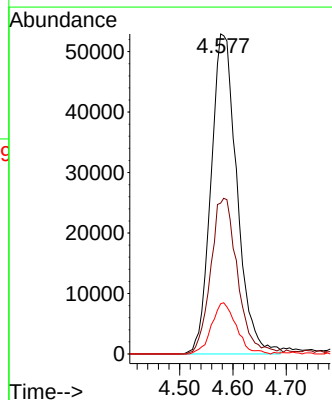
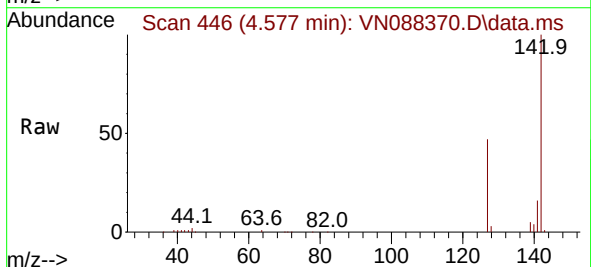
Manual Integrations
APPROVED

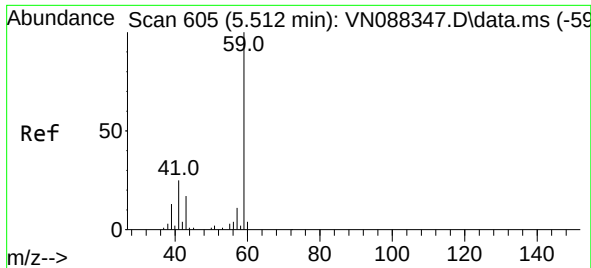
Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025



#10
Methyl Iodide
Concen: 56.072 ug/l
RT: 4.577 min Scan# 446
Delta R.T. -0.012 min
Lab File: VN088370.D
Acq: 01 Dec 2025 09:58

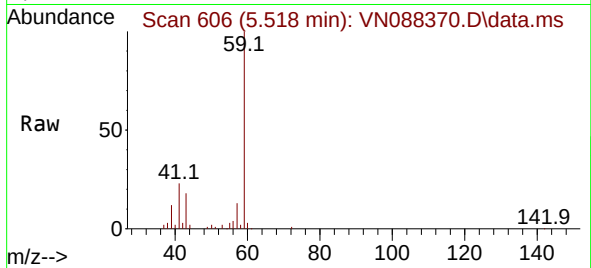
Tgt Ion:142 Resp: 178922
Ion Ratio Lower Upper
142 100
127 47.1 37.9 56.9
141 15.7 12.4 18.6





#11
Tert butyl alcohol
Concen: 260.289 ug/l
RT: 5.518 min Scan# 605
Delta R.T. 0.006 min
Lab File: VN088370.D
Acq: 01 Dec 2025 09:58

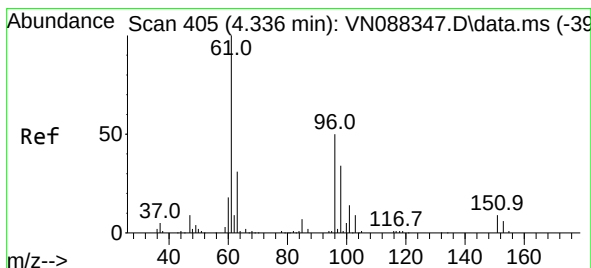
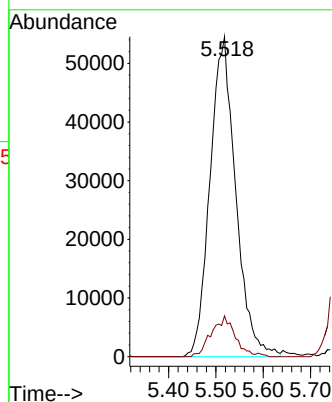
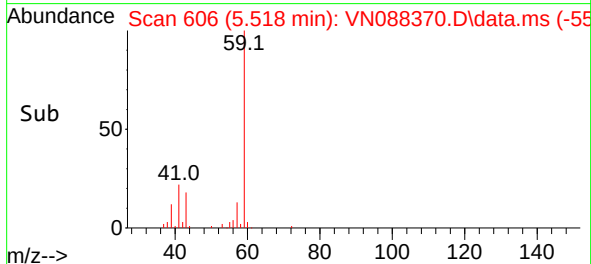
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



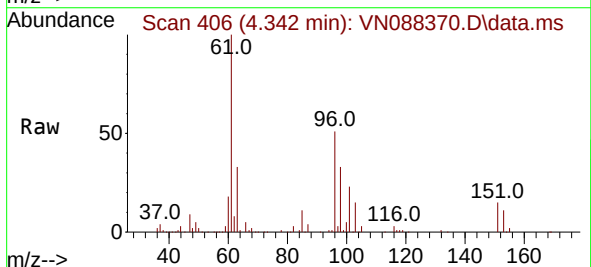
Tgt Ion: 59 Resp: 205497
Ion Ratio Lower Upper
59 100
57 11.6 8.5 12.7

Manual Integrations
APPROVED

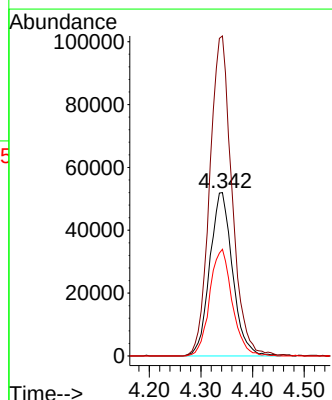
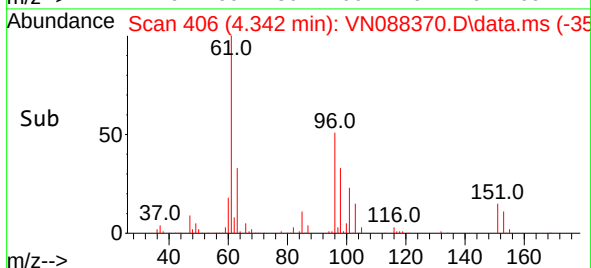
Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025

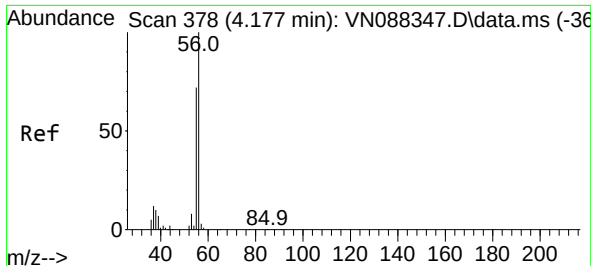


#12
1,1-Dichloroethene
Concen: 49.760 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN088370.D
Acq: 01 Dec 2025 09:58



Tgt Ion: 96 Resp: 159359
Ion Ratio Lower Upper
96 100
61 195.8 159.1 238.7
98 65.3 53.7 80.5





#13

Acrolein

Concen: 386.274 ug/l

RT: 4.171 min Scan# 31

Delta R.T. -0.006 min

Lab File: VN088370.D

Acq: 01 Dec 2025 09:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 291964

Ion Ratio Lower Upper

56 100

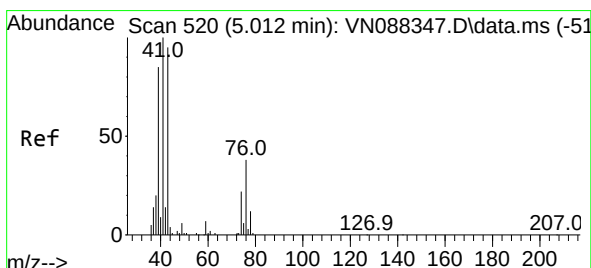
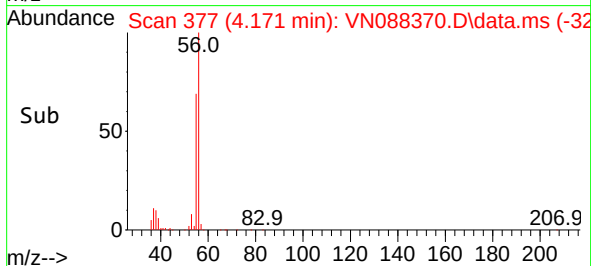
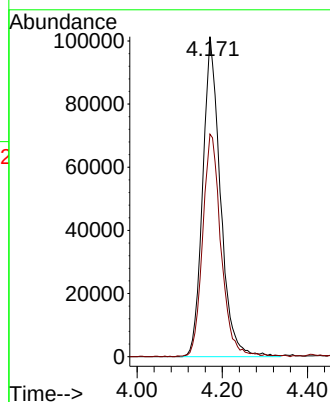
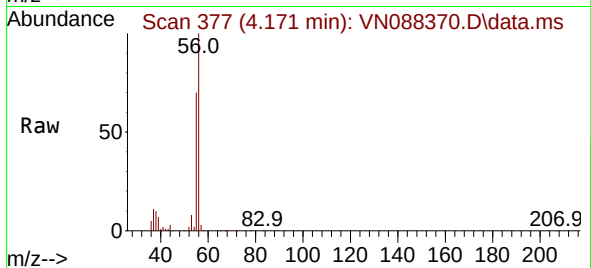
55 71.9 56.3 84.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/02/2025

Supervised By :Mahesh Dadoda 12/02/2025



#14

Allyl chloride

Concen: 51.579 ug/l

RT: 5.012 min Scan# 520

Delta R.T. 0.000 min

Lab File: VN088370.D

Acq: 01 Dec 2025 09:58

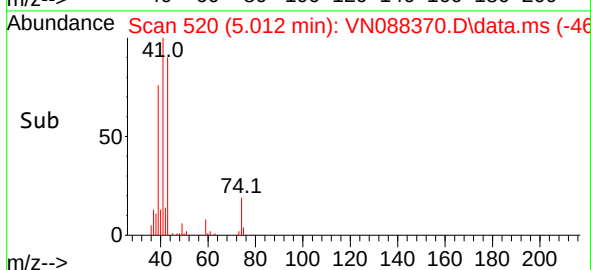
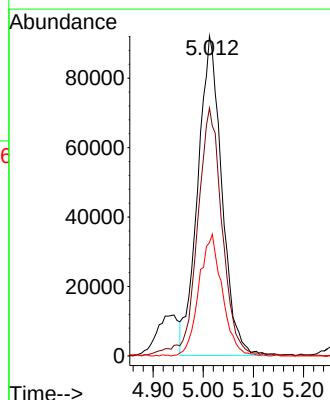
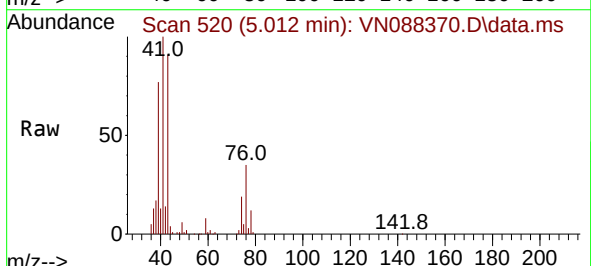
Tgt Ion: 41 Resp: 306169

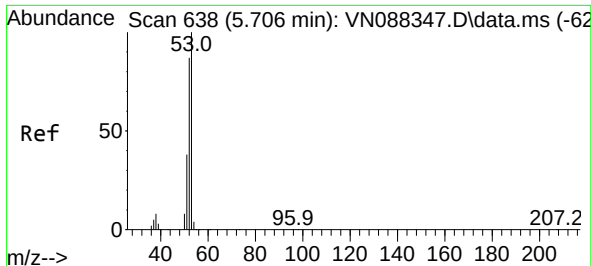
Ion Ratio Lower Upper

41 100

39 80.5 64.7 97.1

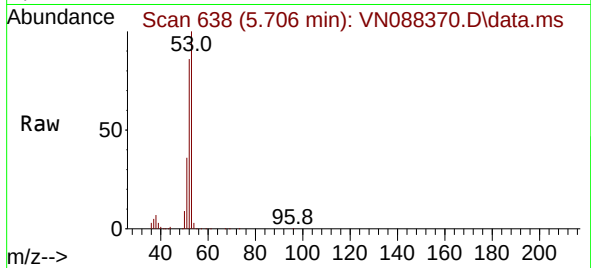
76 37.0 29.1 43.7





#15
Acrylonitrile
Concen: 277.070 ug/l
RT: 5.706 min Scan# 638
Delta R.T. 0.000 min
Lab File: VN088370.D
Acq: 01 Dec 2025 09:58

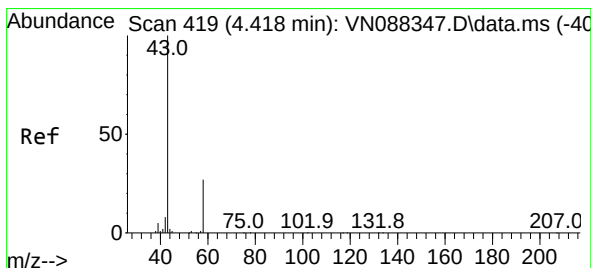
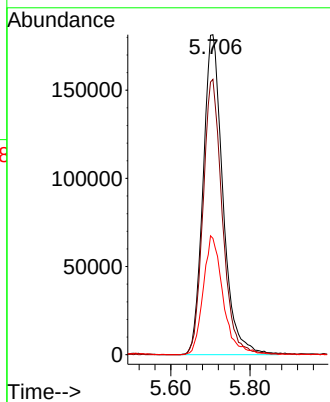
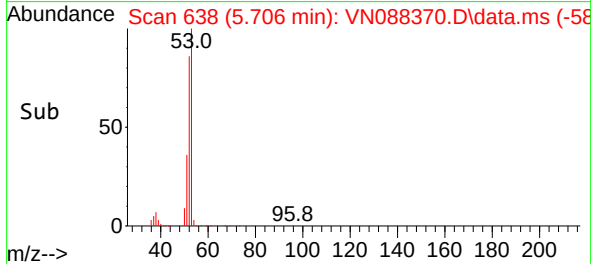
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 63112
Ion Ratio Lower Upper
53 100
52 83.4 67.8 101.6
51 37.3 29.8 44.8

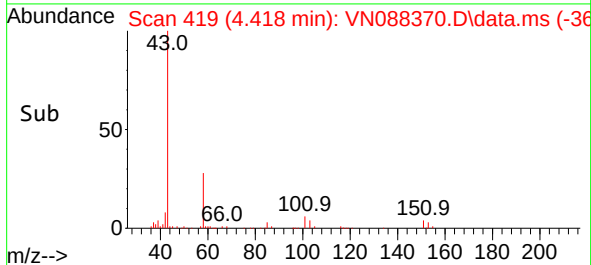
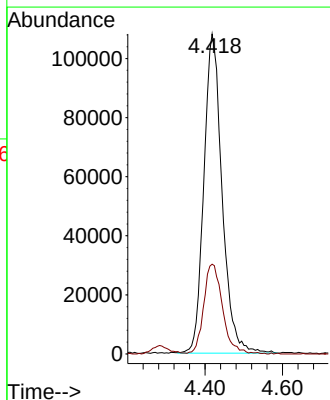
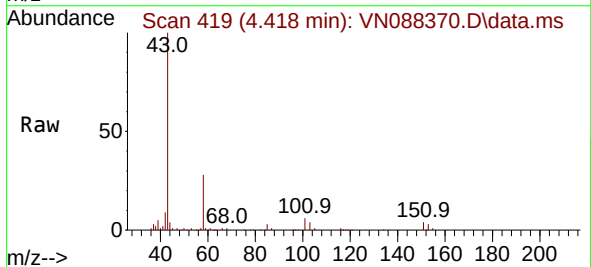
Manual Integrations
APPROVED

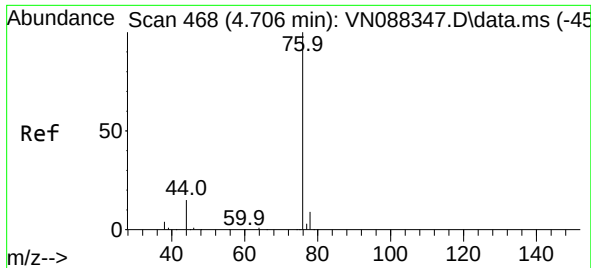
Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025



#16
Acetone
Concen: 197.397 ug/l
RT: 4.418 min Scan# 419
Delta R.T. 0.000 min
Lab File: VN088370.D
Acq: 01 Dec 2025 09:58

Tgt Ion: 43 Resp: 353017
Ion Ratio Lower Upper
43 100
58 27.9 21.7 32.5





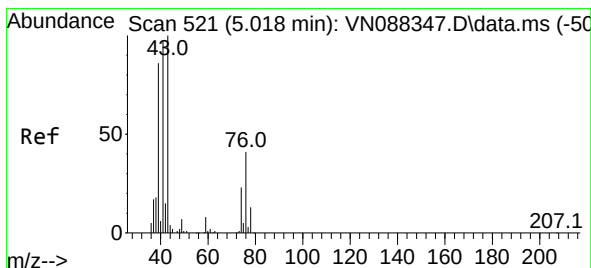
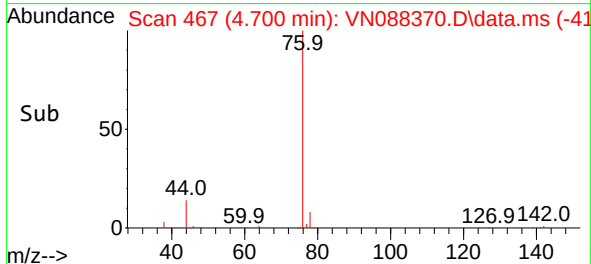
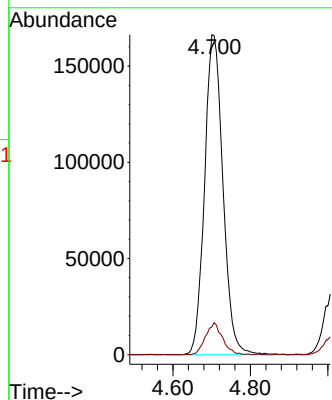
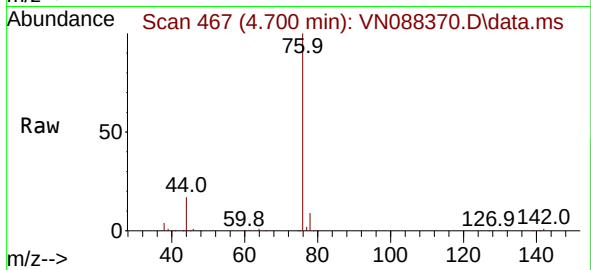
#17
Carbon Disulfide
Concen: 52.238 ug/l
RT: 4.700 min Scan# 40
Delta R.T. -0.006 min
Lab File: VN088370.D
Acq: 01 Dec 2025 09:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 546678
Ion Ratio Lower Upper
76 100
78 8.7 7.0 10.4

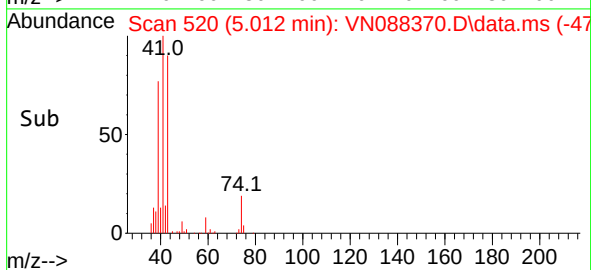
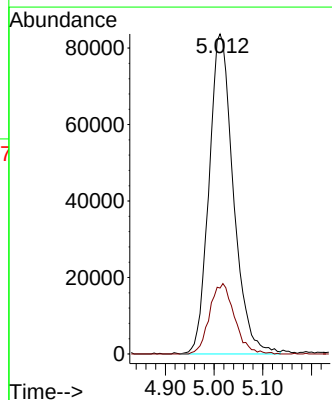
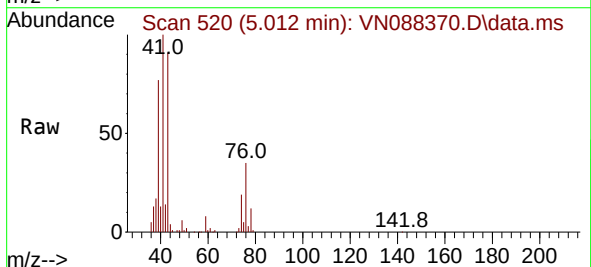
Manual Integrations
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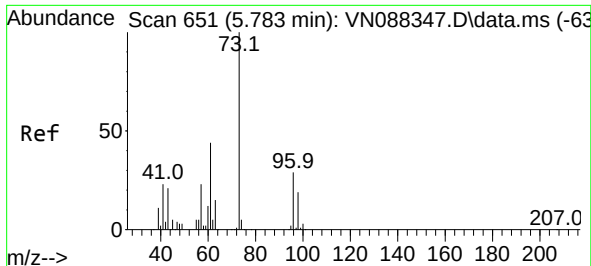
Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025



#18
Methyl Acetate
Concen: 54.622 ug/l
RT: 5.012 min Scan# 520
Delta R.T. -0.006 min
Lab File: VN088370.D
Acq: 01 Dec 2025 09:58

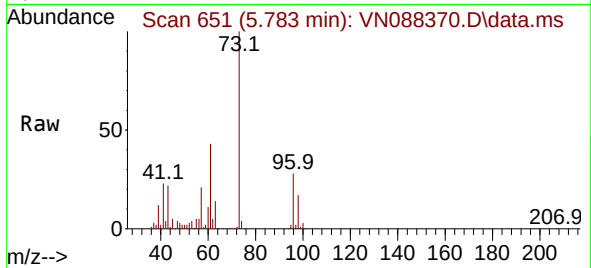
Tgt Ion: 43 Resp: 290775
Ion Ratio Lower Upper
43 100
74 22.6 17.9 26.9





#19
Methyl tert-butyl Ether
Concen: 57.460 ug/l
RT: 5.783 min Scan# 651
Delta R.T. 0.000 min
Lab File: VN088370.D
Acq: 01 Dec 2025 09:58

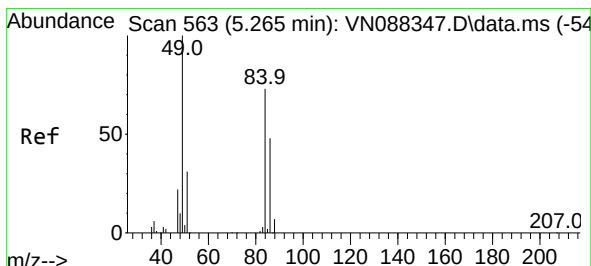
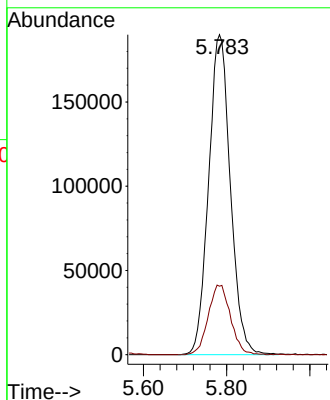
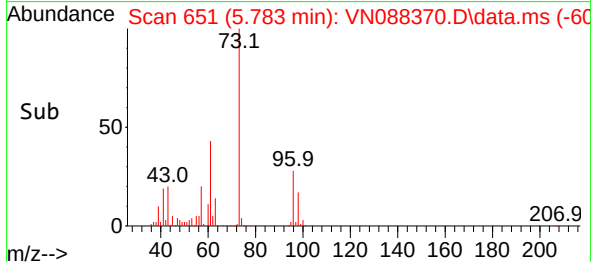
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 68944
Ion Ratio Lower Upper
73 100
57 21.4 18.6 28.0

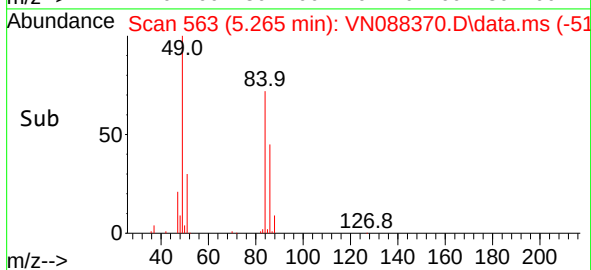
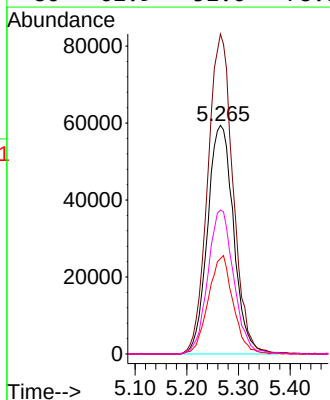
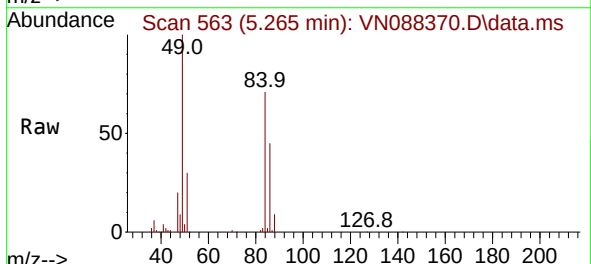
Manual Integrations
APPROVED

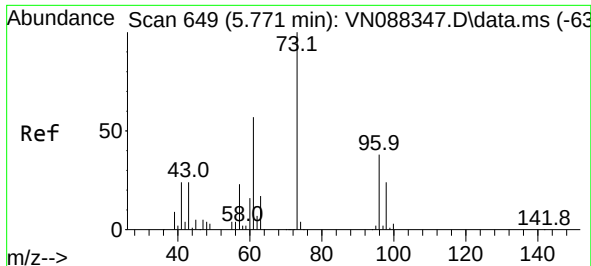
Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025



#20
Methylene Chloride
Concen: 54.299 ug/l
RT: 5.265 min Scan# 563
Delta R.T. 0.000 min
Lab File: VN088370.D
Acq: 01 Dec 2025 09:58

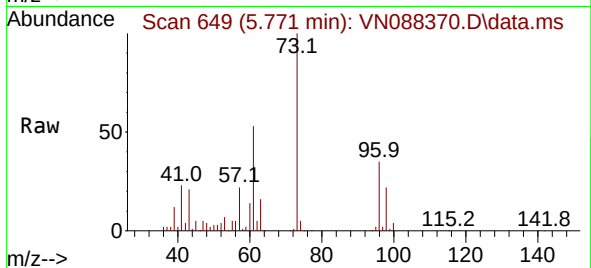
Tgt Ion: 84 Resp: 207762
Ion Ratio Lower Upper
84 100
49 140.0 110.2 165.2
51 41.7 34.1 51.1
86 62.9 52.6 78.8





#21
trans-1,2-Dichloroethene
Concen: 53.585 ug/l
RT: 5.771 min Scan# 649
Delta R.T. 0.000 min
Lab File: VN088370.D
Acq: 01 Dec 2025 09:58

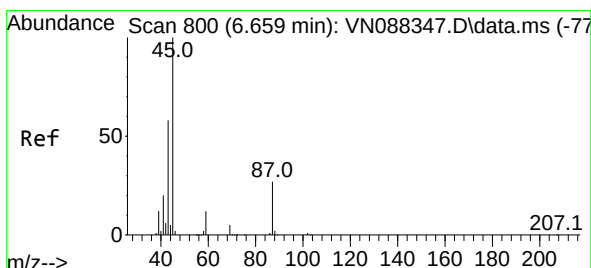
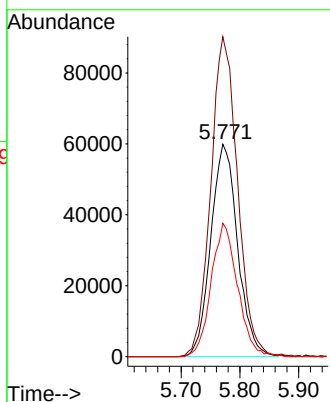
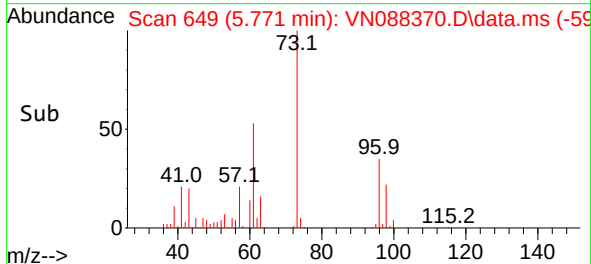
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



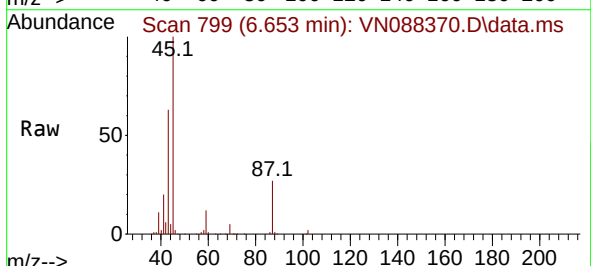
Tgt Ion: 96 Resp: 190100
Ion Ratio Lower Upper
96 100
61 150.6 122.4 183.6
98 62.8 50.9 76.3

Manual Integrations
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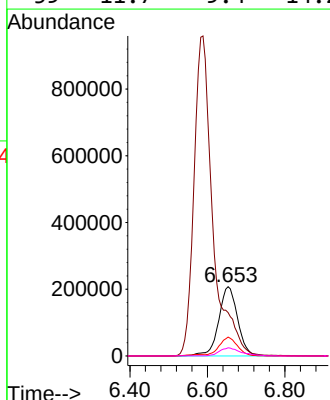
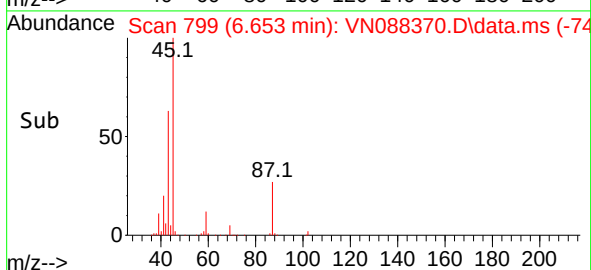
Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025

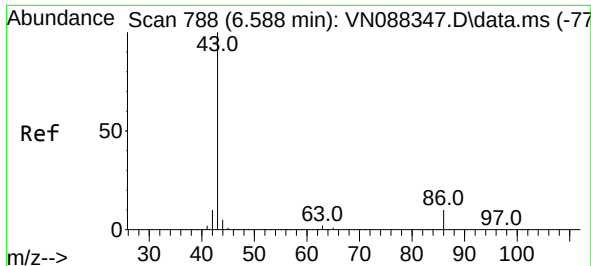


#22
Diisopropyl ether
Concen: 55.612 ug/l
RT: 6.653 min Scan# 799
Delta R.T. -0.006 min
Lab File: VN088370.D
Acq: 01 Dec 2025 09:58



Tgt Ion: 45 Resp: 704752
Ion Ratio Lower Upper
45 100
43 61.8 47.4 71.2
87 27.3 21.9 32.9
59 11.7 9.4 14.2





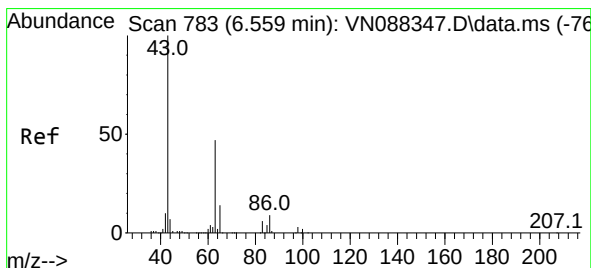
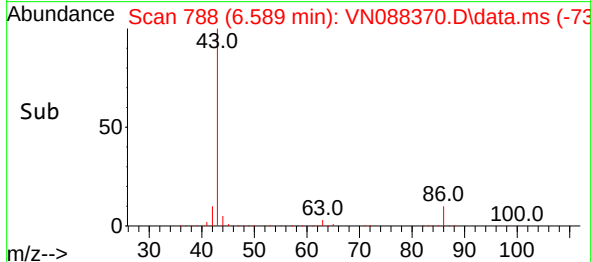
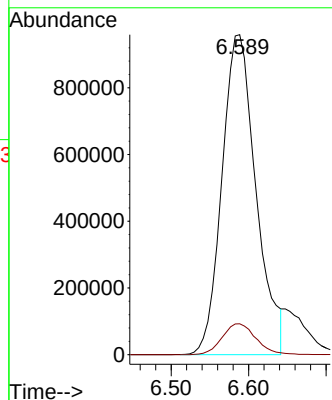
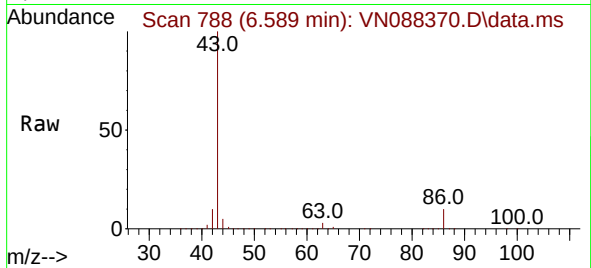
#23
 Vinyl Acetate
 Concen: 287.290 ug/l m
 RT: 6.589 min Scan# 788
 Delta R.T. 0.000 min
 Lab File: VN088370.D
 Acq: 01 Dec 2025 09:58

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 293330
 Ion Ratio Lower Upper
 43 100
 86 9.7 7.8 11.8

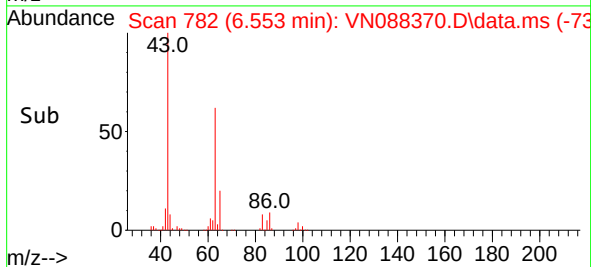
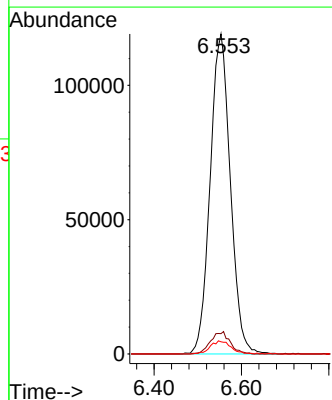
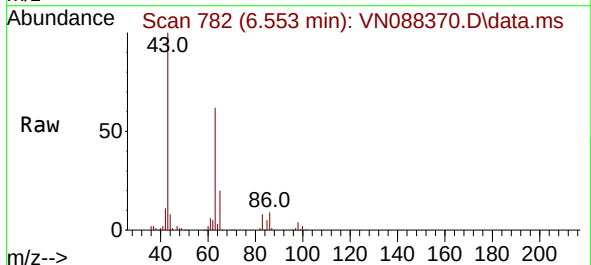
Manual Integrations
 APPROVED

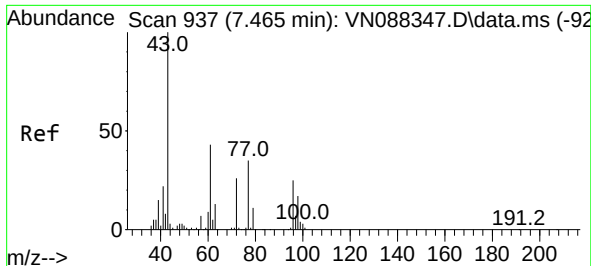
Reviewed By :John Carlone 12/02/2025
 Supervised By :Mahesh Dadoda 12/02/2025



#24
 1,1-Dichloroethane
 Concen: 53.252 ug/l
 RT: 6.553 min Scan# 782
 Delta R.T. -0.006 min
 Lab File: VN088370.D
 Acq: 01 Dec 2025 09:58

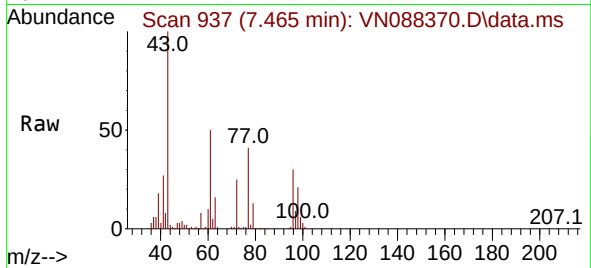
Tgt Ion: 63 Resp: 382166
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.4 10.2
 100 3.8 1.9 5.7





#25
2-Butanone
Concen: 246.913 ug/l
RT: 7.465 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN088370.D
Acq: 01 Dec 2025 09:58

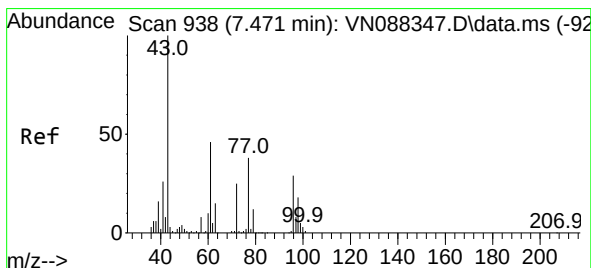
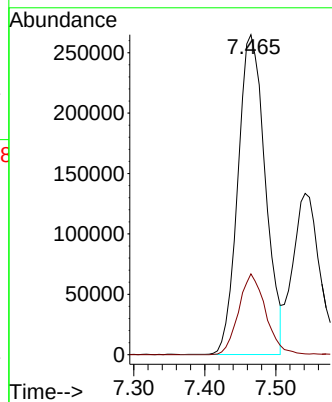
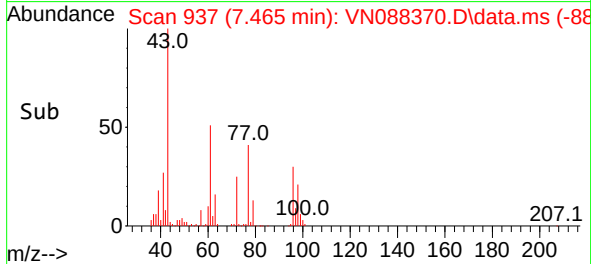
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 70987
Ion Ratio Lower Upper
43 100
72 25.3 20.5 30.7

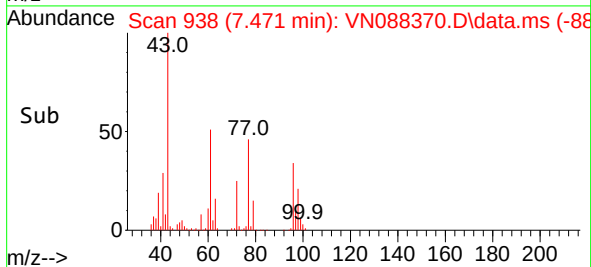
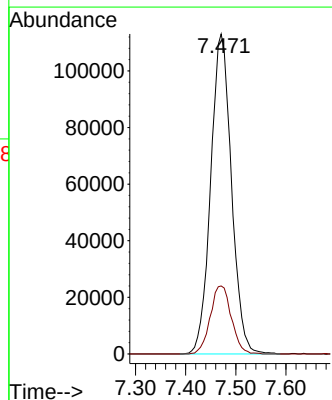
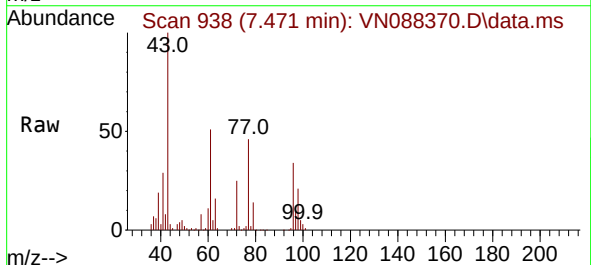
Manual Integrations
APPROVED

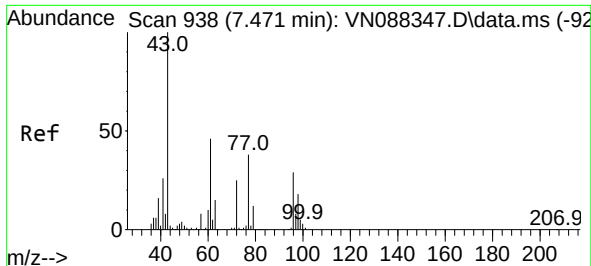
Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025



#26
2,2-Dichloropropane
Concen: 52.543 ug/l
RT: 7.471 min Scan# 938
Delta R.T. 0.000 min
Lab File: VN088370.D
Acq: 01 Dec 2025 09:58

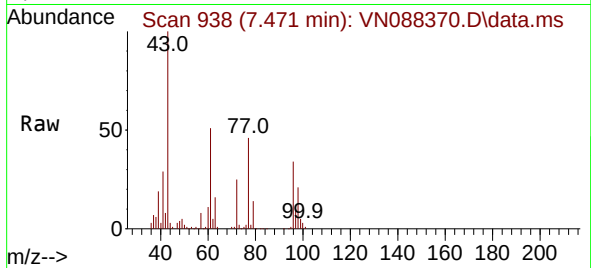
Tgt Ion: 77 Resp: 325483
Ion Ratio Lower Upper
77 100
97 21.6 10.3 30.9





#27
 cis-1,2-Dichloroethene
 Concen: 54.801 ug/l
 RT: 7.471 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VN088370.D
 Acq: 01 Dec 2025 09:58

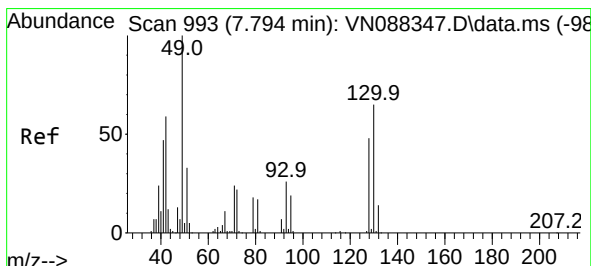
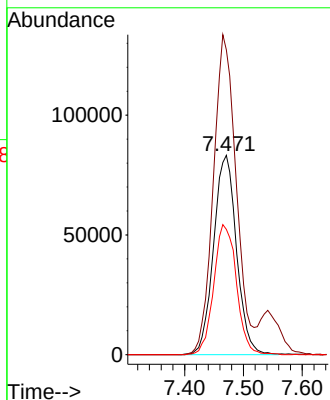
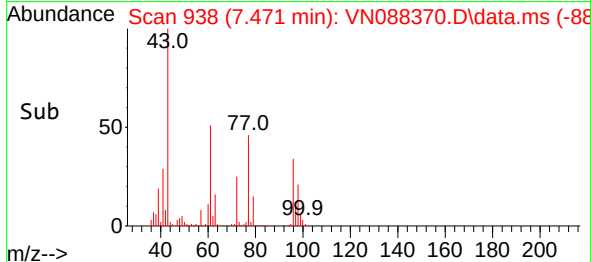
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



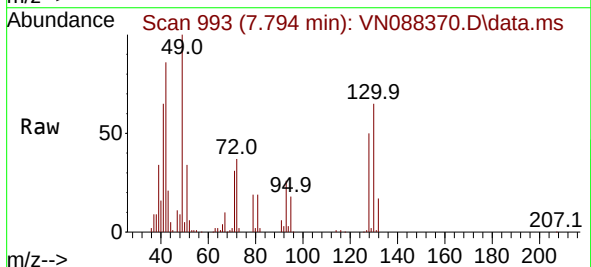
Tgt Ion: 96 Resp: 22594
 Ion Ratio Lower Upper
 96 100
 61 159.4 0.0 323.6
 98 64.5 0.0 127.2

Manual Integrations
 APPROVED

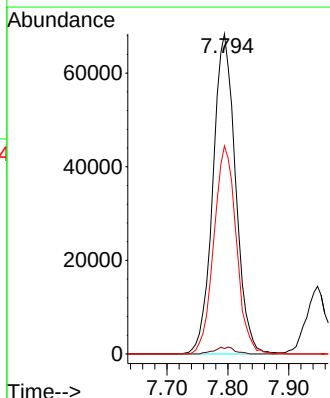
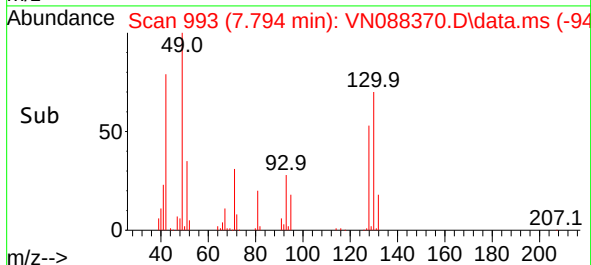
Reviewed By :John Carlone 12/02/2025
 Supervised By :Mahesh Dadoda 12/02/2025

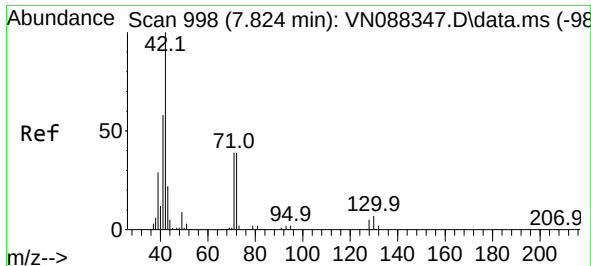


#28
 Bromochloromethane
 Concen: 49.377 ug/l
 RT: 7.794 min Scan# 993
 Delta R.T. 0.000 min
 Lab File: VN088370.D
 Acq: 01 Dec 2025 09:58



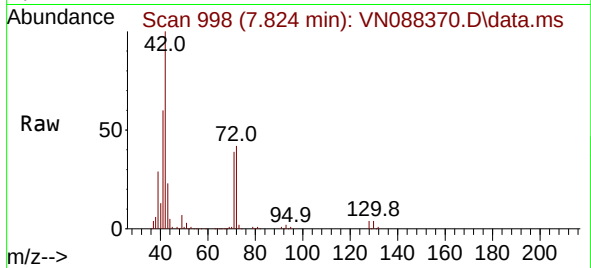
Tgt Ion: 49 Resp: 176525
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 3.6
 130 64.4 51.1 76.7





#29
Tetrahydrofuran
Concen: 281.590 ug/l
RT: 7.824 min Scan# 998
Delta R.T. 0.000 min
Lab File: VN088370.D
Acq: 01 Dec 2025 09:58

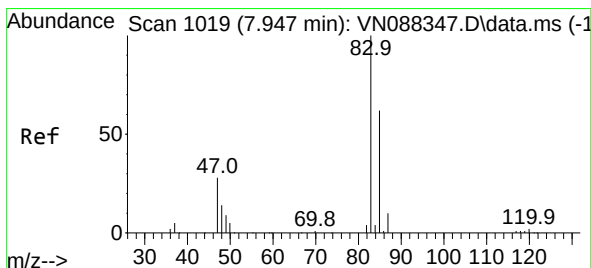
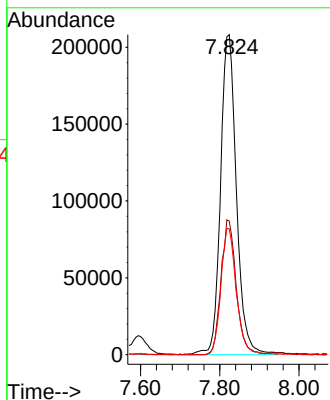
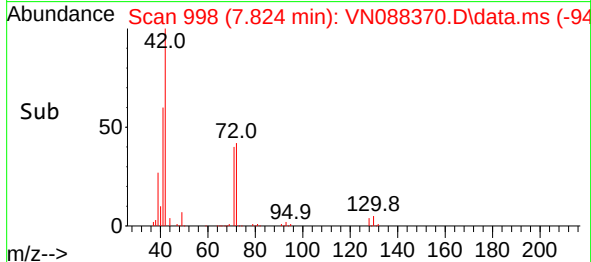
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 42 Resp: 58068
Ion Ratio Lower Upper
42 100
72 40.3 32.2 48.4
71 38.2 31.1 46.7

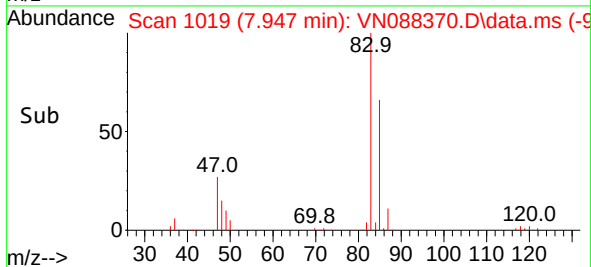
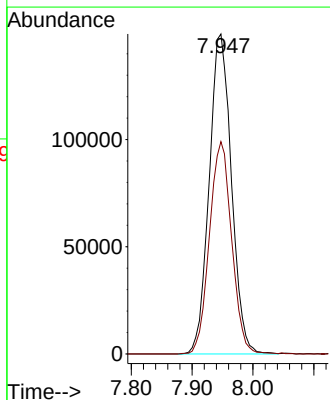
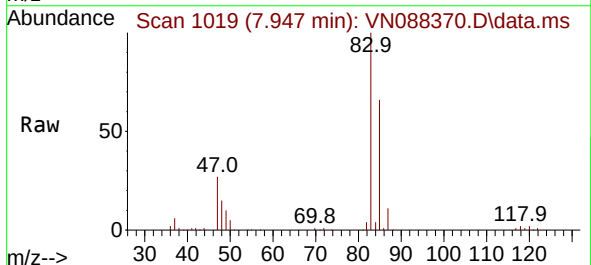
Manual Integrations
APPROVED

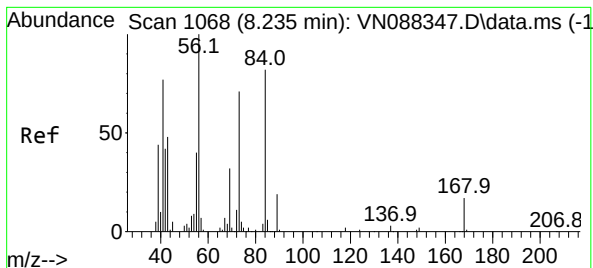
Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025



#30
Chloroform
Concen: 53.730 ug/l
RT: 7.947 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VN088370.D
Acq: 01 Dec 2025 09:58

Tgt Ion: 83 Resp: 378896
Ion Ratio Lower Upper
83 100
85 66.4 49.8 74.8





#31

Cyclohexane

Concen: 51.848 ug/l

RT: 8.235 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VN088370.D

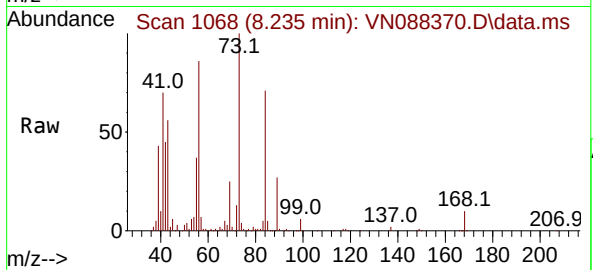
Acq: 01 Dec 2025 09:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



Tgt Ion: 56 Resp: 33719

Ion Ratio Lower Upper

56 100

69 28.9 25.3 37.9

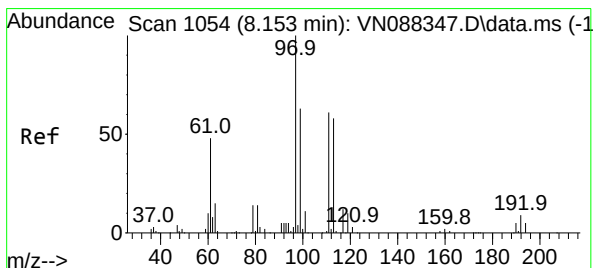
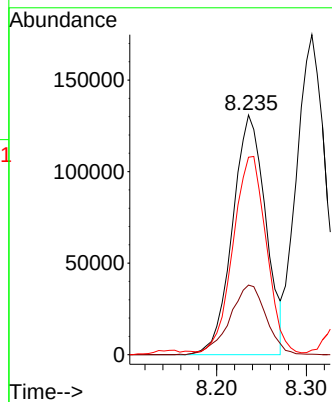
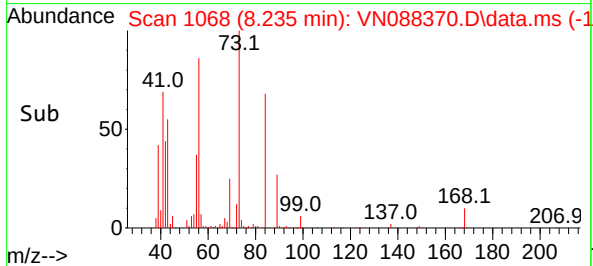
84 81.3 65.4 98.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/02/2025

Supervised By :Mahesh Dadoda 12/02/2025



#32

1,1,1-Trichloroethane

Concen: 51.659 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. -0.006 min

Lab File: VN088370.D

Acq: 01 Dec 2025 09:58

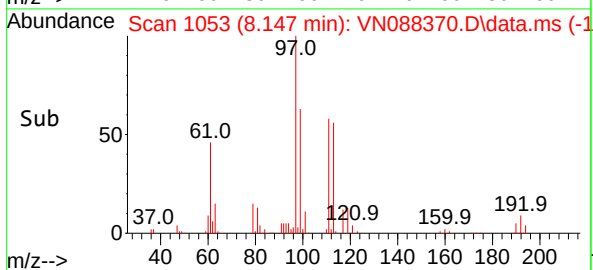
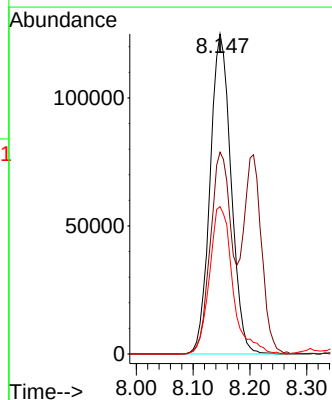
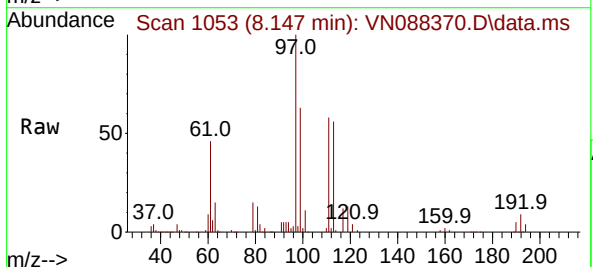
Tgt Ion: 97 Resp: 320304

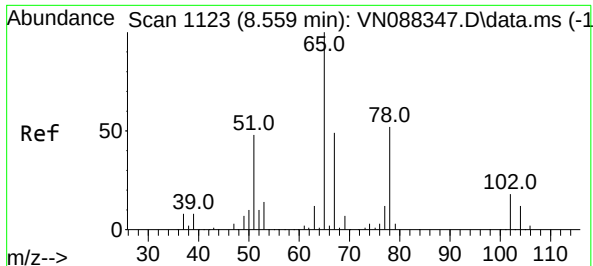
Ion Ratio Lower Upper

97 100

99 63.2 50.8 76.2

61 51.1 42.2 63.2





#33

1,2-Dichloroethane-d4

Concen: 50.878 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. 0.000 min

Lab File: VN088370.D

Acq: 01 Dec 2025 09:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 251592

Ion Ratio Lower Upper

65 100

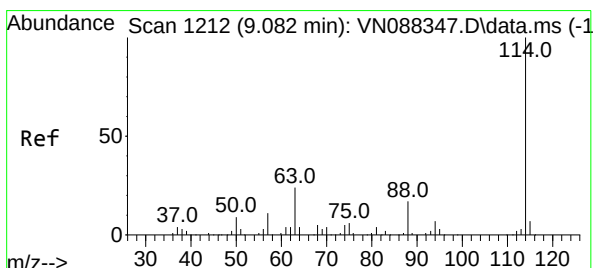
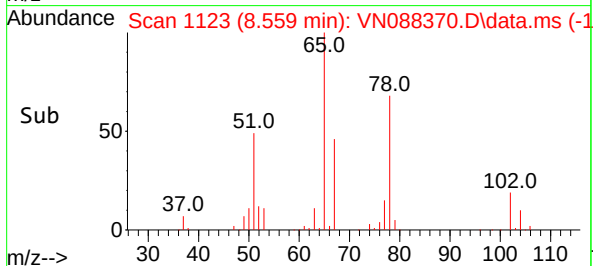
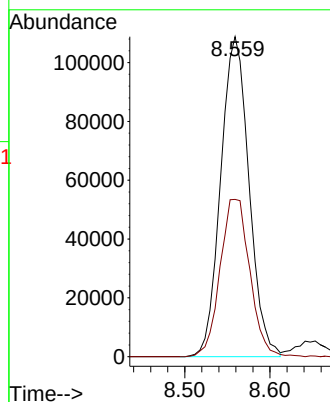
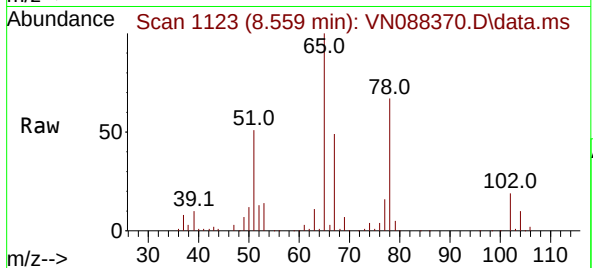
67 51.7 0.0 100.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/02/2025

Supervised By :Mahesh Dadoda 12/02/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.082 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VN088370.D

Acq: 01 Dec 2025 09:58

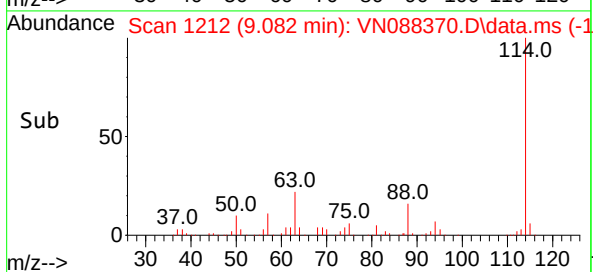
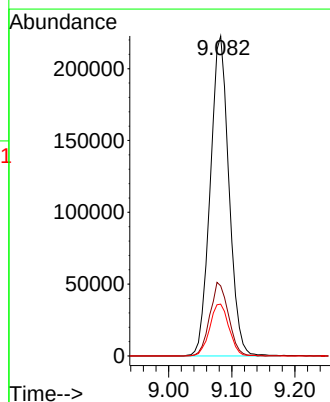
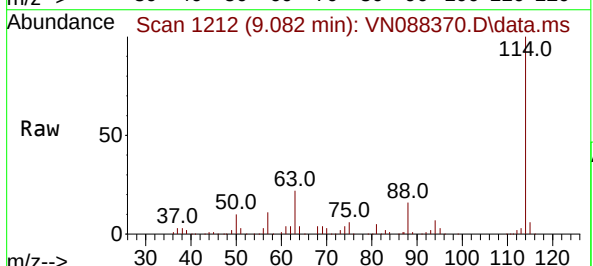
Tgt Ion:114 Resp: 457607

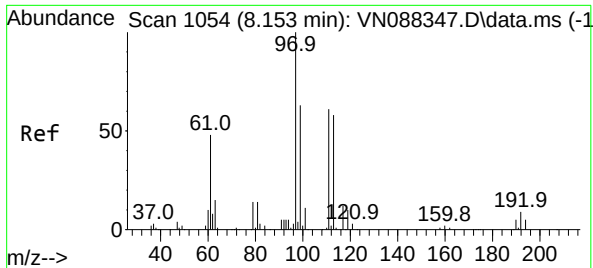
Ion Ratio Lower Upper

114 100

63 21.9 0.0 49.0

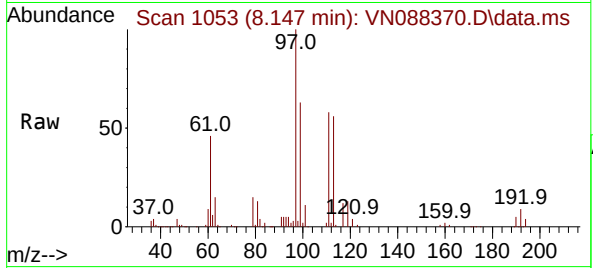
88 16.2 0.0 34.0





#35
Dibromofluoromethane
Concen: 54.442 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN088370.D
Acq: 01 Dec 2025 09:58

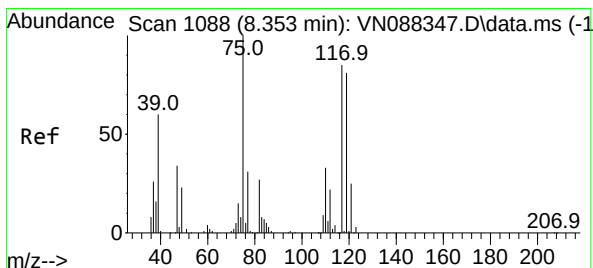
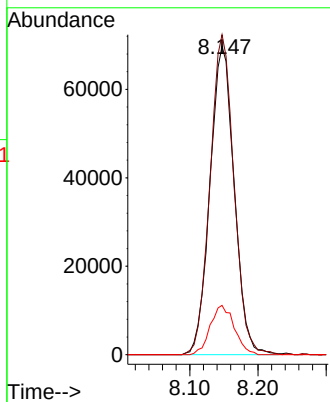
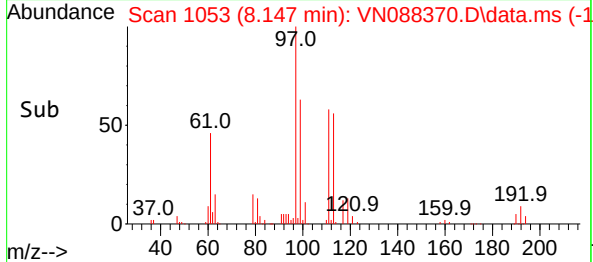
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 113 Resp: 17264
Ion Ratio Lower Upper
113 100
111 102.2 82.5 123.7
192 15.9 12.8 19.2

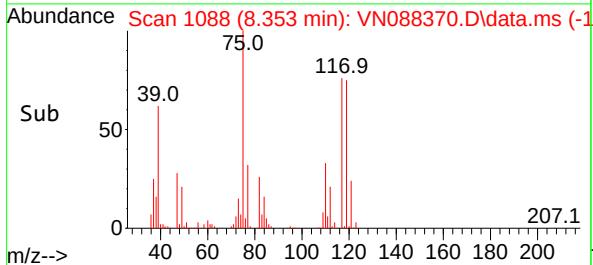
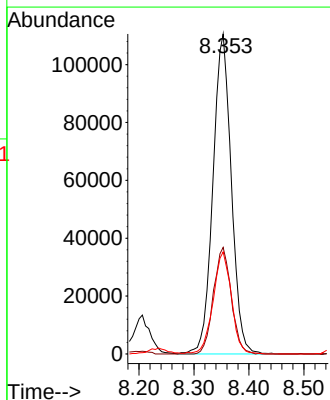
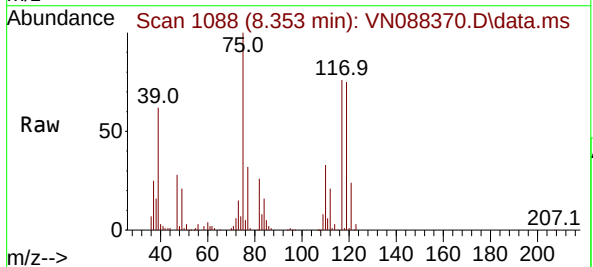
Manual Integrations
APPROVED

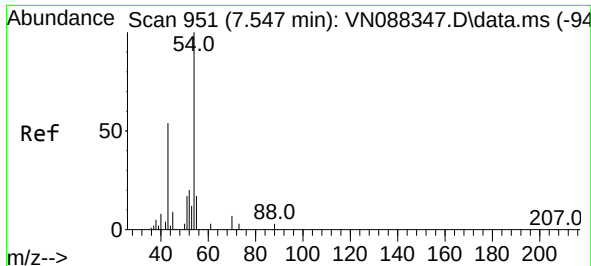
Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025



#36
1,1-Dichloropropene
Concen: 52.546 ug/l
RT: 8.353 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VN088370.D
Acq: 01 Dec 2025 09:58

Tgt Ion: 75 Resp: 257172
Ion Ratio Lower Upper
75 100
110 32.2 15.8 47.4
77 31.8 24.2 36.2





#37

Ethyl Acetate

Concen: 54.564 ug/l

RT: 7.541 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN088370.D

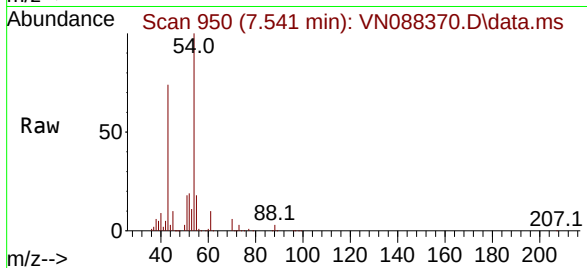
Acq: 01 Dec 2025 09:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



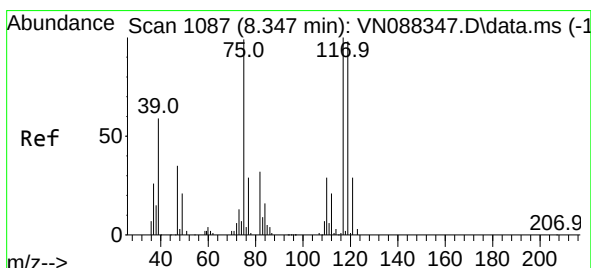
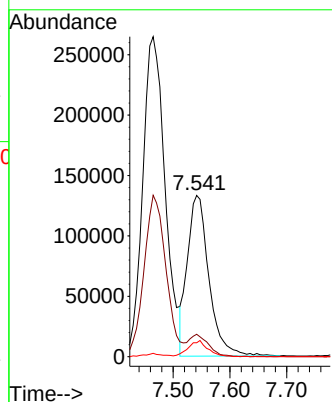
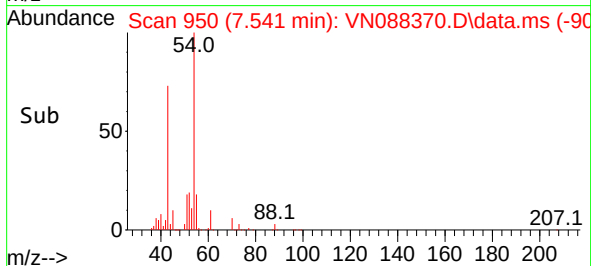
Tgt Ion:	43	Resp:	351134
Ion	Ratio	Lower	Upper
43	100		
61	13.0	9.5	14.3
70	8.9	7.1	10.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/02/2025

Supervised By :Mahesh Dadoda 12/02/2025



#38

Carbon Tetrachloride

Concen: 54.841 ug/l

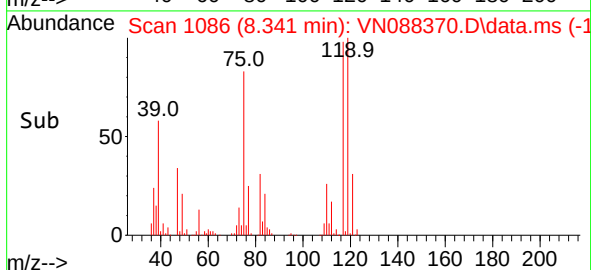
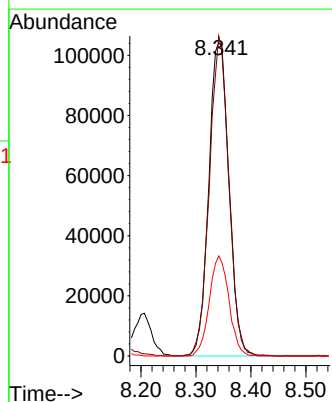
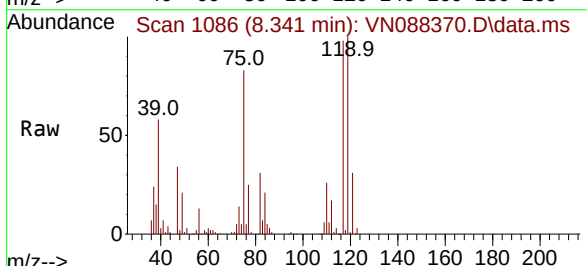
RT: 8.341 min Scan# 1086

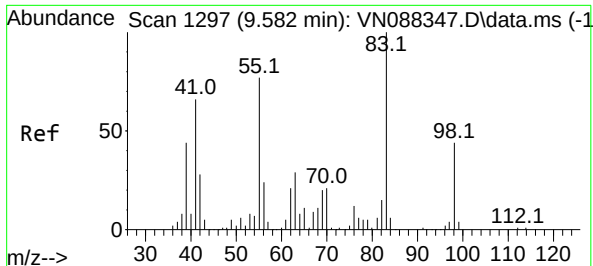
Delta R.T. -0.006 min

Lab File: VN088370.D

Acq: 01 Dec 2025 09:58

Tgt Ion:	117	Resp:	267192
Ion	Ratio	Lower	Upper
117	100		
119	102.2	78.2	117.4
121	32.0	23.4	35.2





#39

Methylcyclohexane

Concen: 58.041 ug/l

RT: 9.582 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VN088370.D

Acq: 01 Dec 2025 09:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 30384

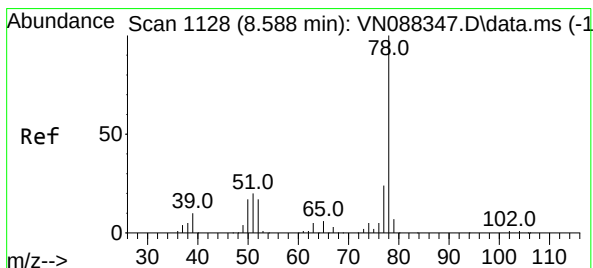
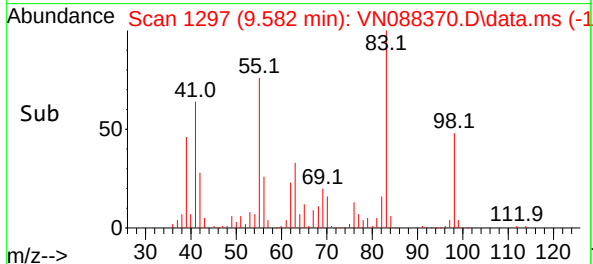
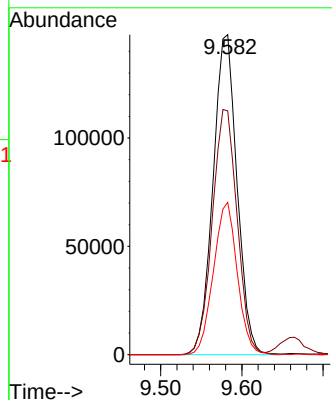
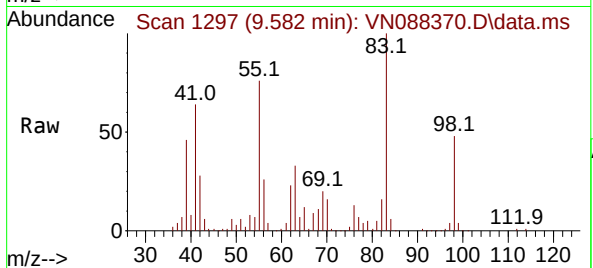
Ion	Ratio	Lower	Upper
83	100		
55	76.2	61.6	92.4
98	47.6	35.3	52.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/02/2025

Supervised By :Mahesh Dadoda 12/02/2025



#40

Benzene

Concen: 55.380 ug/l

RT: 8.588 min Scan# 1128

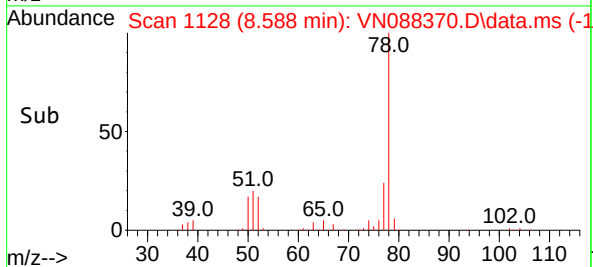
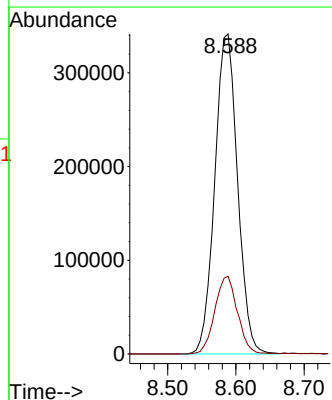
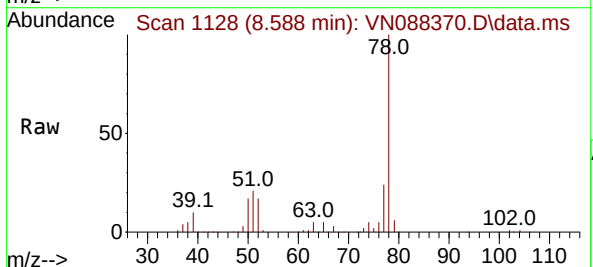
Delta R.T. 0.000 min

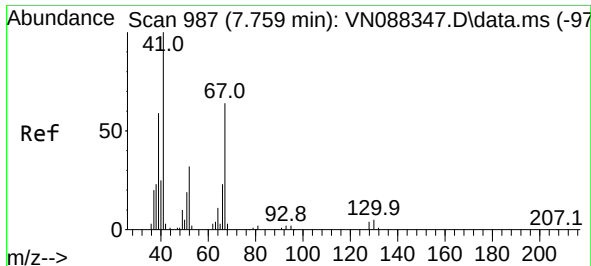
Lab File: VN088370.D

Acq: 01 Dec 2025 09:58

Tgt Ion: 78 Resp: 795502

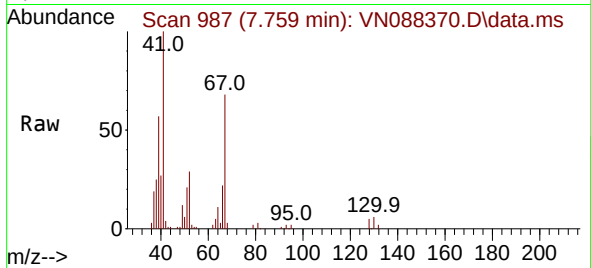
Ion	Ratio	Lower	Upper
78	100		
77	24.3	19.0	28.4





#41
Methacrylonitrile
Concen: 55.940 ug/l m
RT: 7.759 min Scan# 987
Delta R.T. 0.000 min
Lab File: VN088370.D
Acq: 01 Dec 2025 09:58

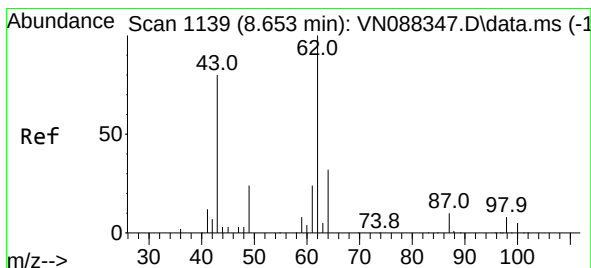
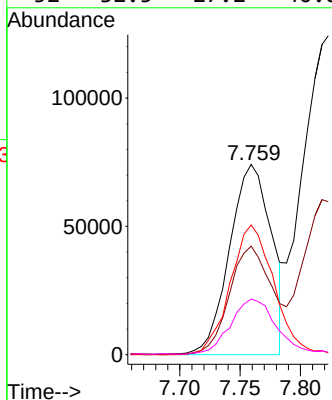
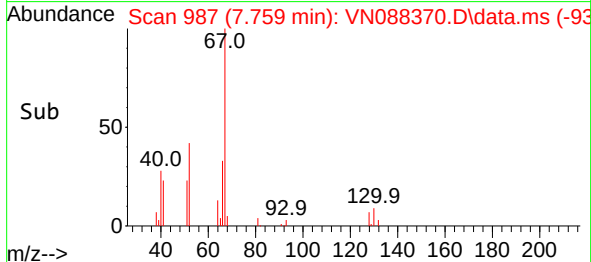
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 178298
Ion Ratio Lower Upper
41 100
39 60.1 46.3 69.5
67 72.1 54.7 82.1
52 32.5 27.2 40.8

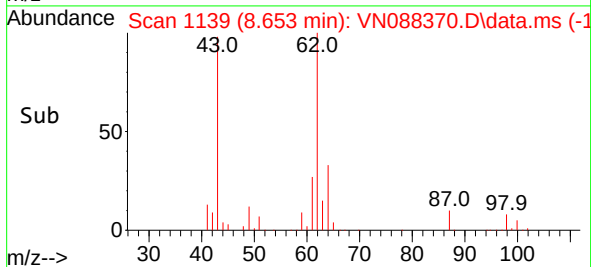
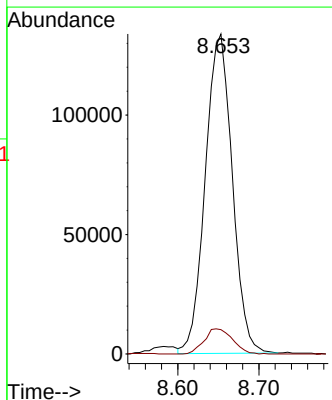
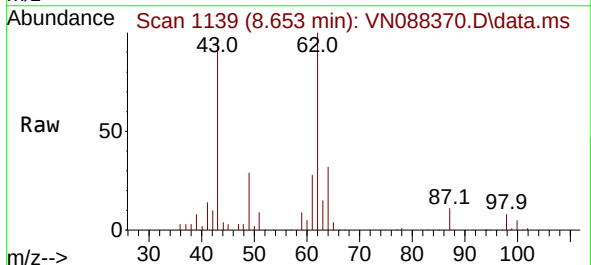
Manual Integrations
APPROVED

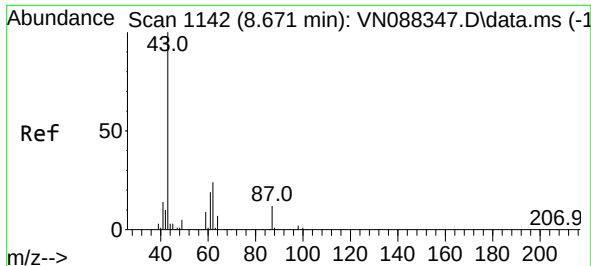
Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025



#42
1,2-Dichloroethane
Concen: 56.455 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. 0.000 min
Lab File: VN088370.D
Acq: 01 Dec 2025 09:58

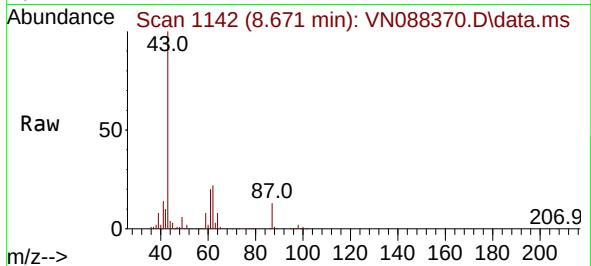
Tgt Ion: 62 Resp: 309394
Ion Ratio Lower Upper
62 100
98 8.3 0.0 16.2





#43
Isopropyl Acetate
Concen: 57.580 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN088370.D
Acq: 01 Dec 2025 09:58

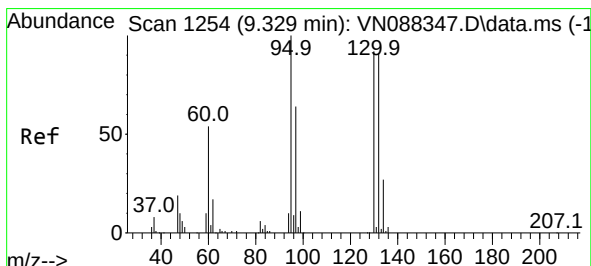
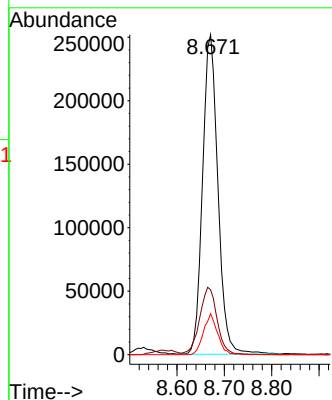
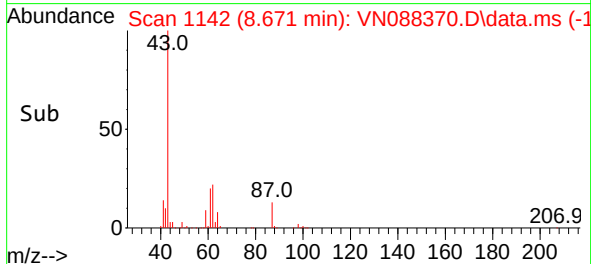
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 566144
Ion Ratio Lower Upper
43 100
61 24.1 18.7 28.1
87 11.7 9.1 13.7

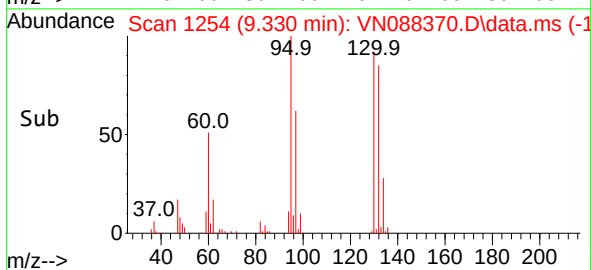
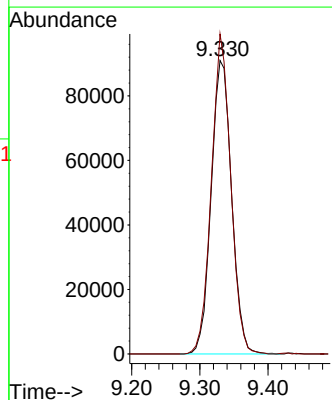
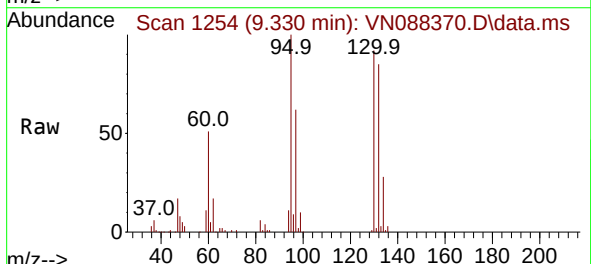
Manual Integrations
APPROVED

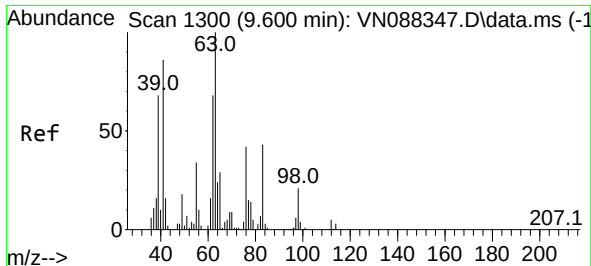
Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025



#44
Trichloroethene
Concen: 55.896 ug/l
RT: 9.330 min Scan# 1254
Delta R.T. 0.000 min
Lab File: VN088370.D
Acq: 01 Dec 2025 09:58

Tgt Ion:130 Resp: 189717
Ion Ratio Lower Upper
130 100
95 109.1 0.0 217.0





#45

1,2-Dichloropropane

Concen: 56.298 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN088370.D

Acq: 01 Dec 2025 09:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 20719

Ion Ratio Lower Upper

63 100

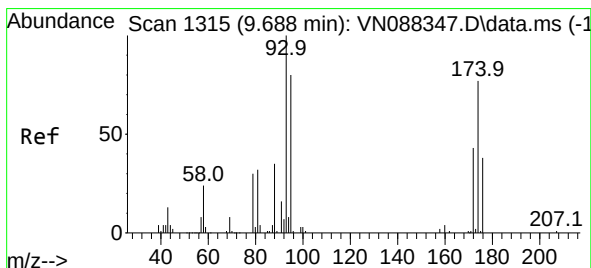
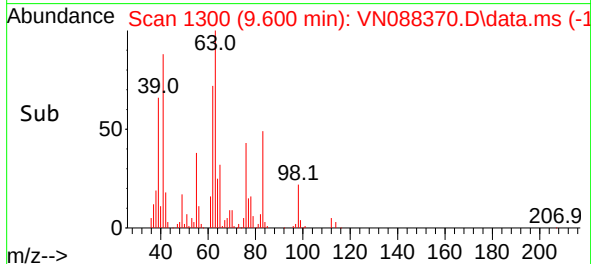
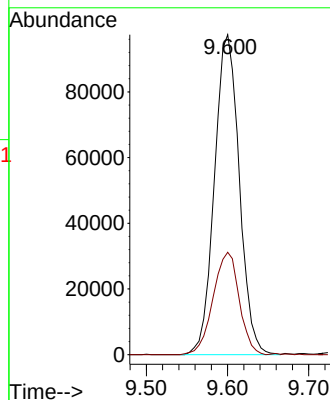
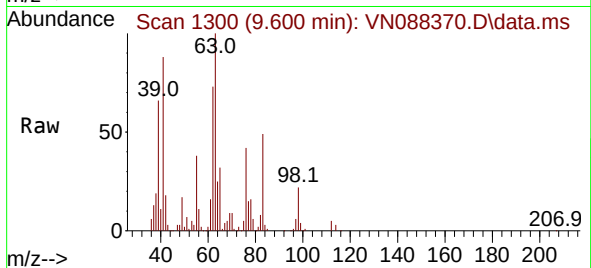
65 32.0 23.0 34.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/02/2025

Supervised By :Mahesh Dadoda 12/02/2025



#46

Dibromomethane

Concen: 58.039 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. 0.000 min

Lab File: VN088370.D

Acq: 01 Dec 2025 09:58

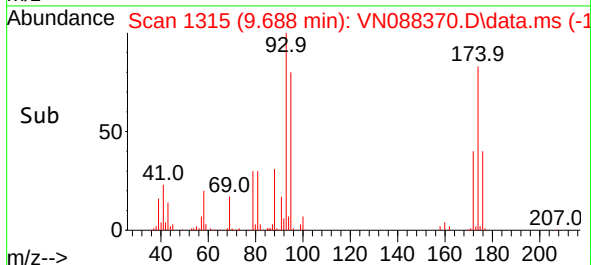
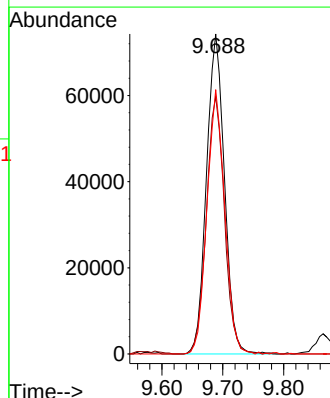
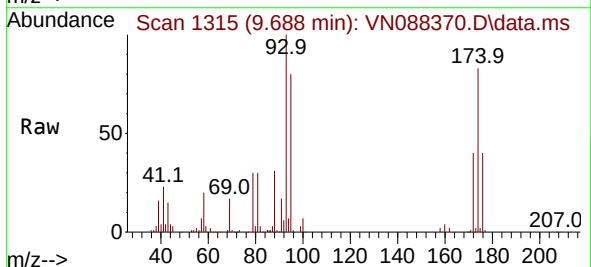
Tgt Ion: 93 Resp: 152439

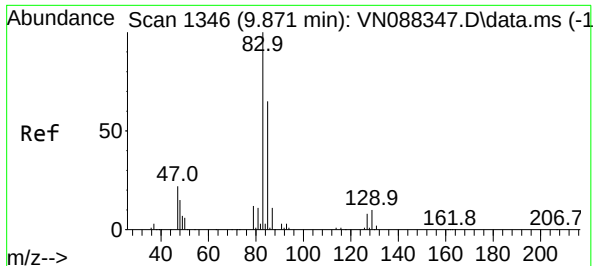
Ion Ratio Lower Upper

93 100

95 80.9 65.8 98.6

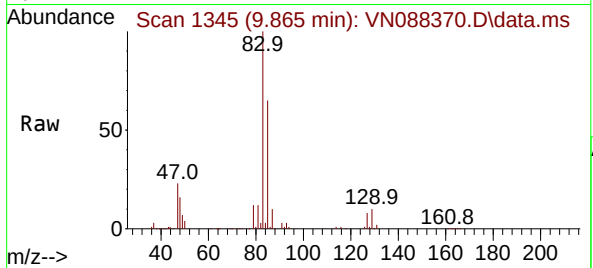
174 81.8 64.3 96.5





#47
Bromodichloromethane
Concen: 57.219 ug/l
RT: 9.865 min Scan# 1345
Delta R.T. -0.006 min
Lab File: VN088370.D
Acq: 01 Dec 2025 09:58

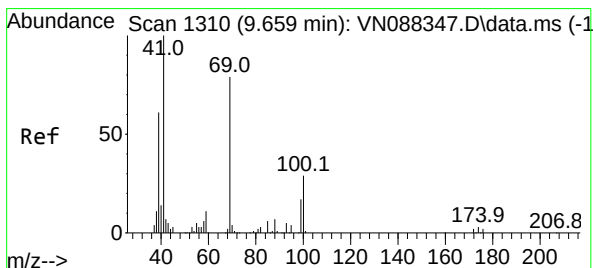
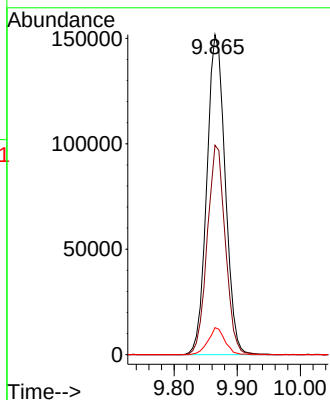
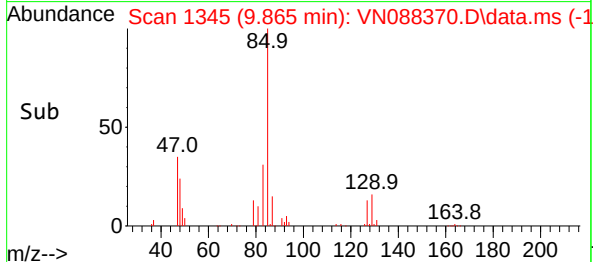
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



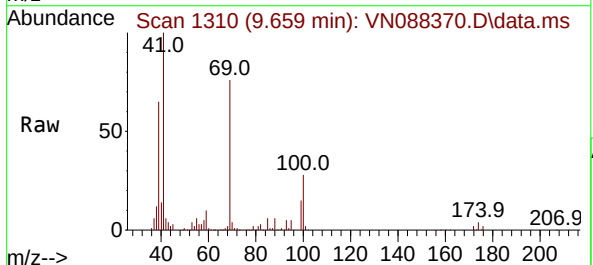
Tgt Ion: 83 Resp: 30664
Ion Ratio Lower Upper
83 100
85 65.4 51.9 77.9
127 8.5 6.3 9.5

Manual Integrations
APPROVED

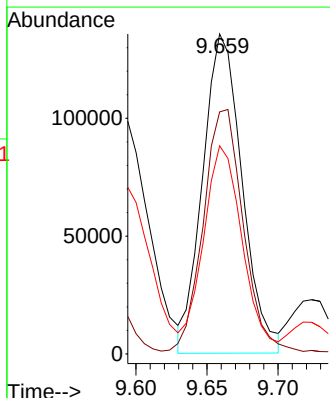
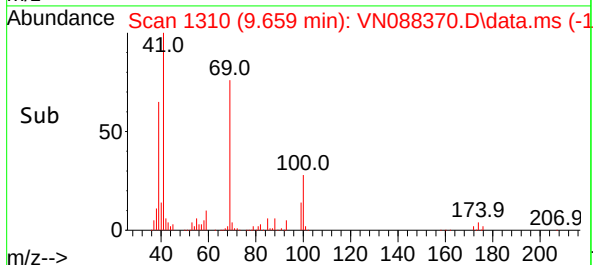
Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025

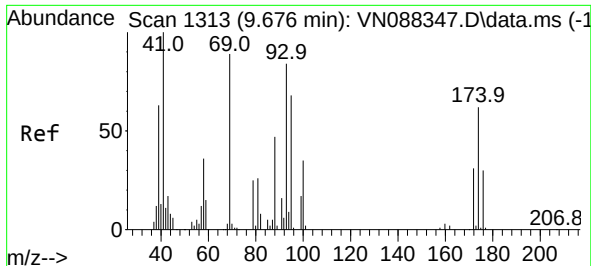


#48
Methyl methacrylate
Concen: 58.460 ug/l
RT: 9.659 min Scan# 1310
Delta R.T. 0.000 min
Lab File: VN088370.D
Acq: 01 Dec 2025 09:58



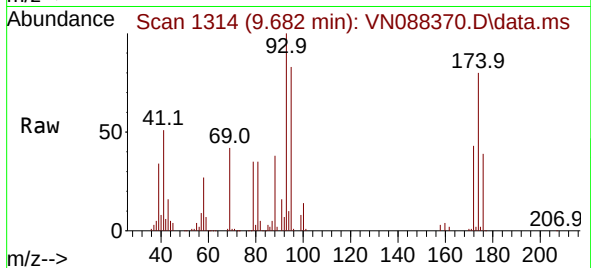
Tgt Ion: 41 Resp: 262260
Ion Ratio Lower Upper
41 100
69 78.2 62.4 93.6
39 64.4 52.6 79.0





#49
1,4-Dioxane
Concen: 1073.826 ug/l
RT: 9.682 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN088370.D
Acq: 01 Dec 2025 09:58

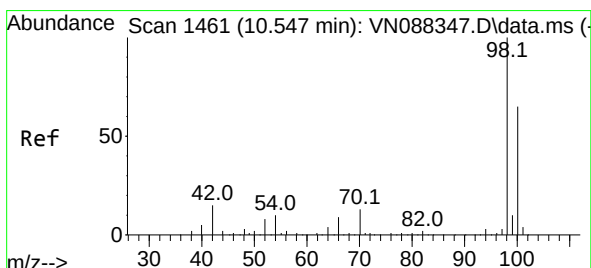
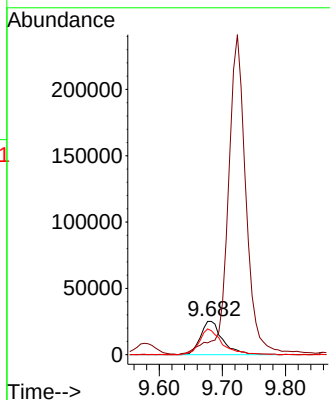
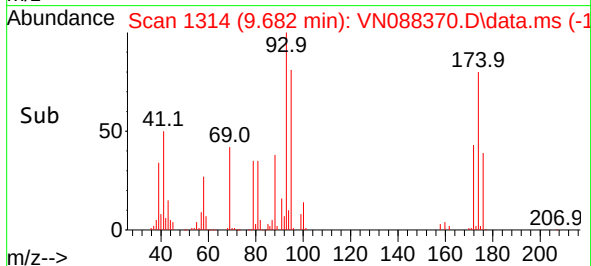
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



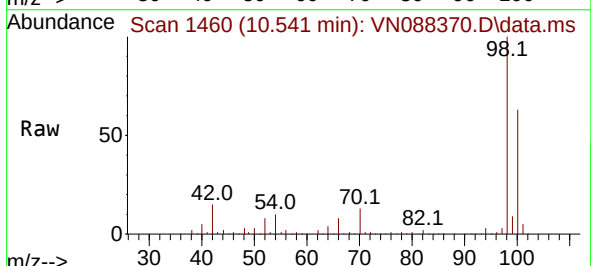
Tgt Ion: 88 Resp: 61264
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 79.1 62.0 93.0

Manual Integrations
APPROVED

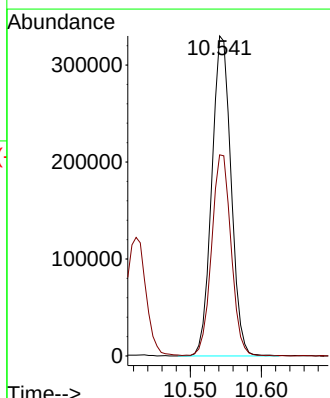
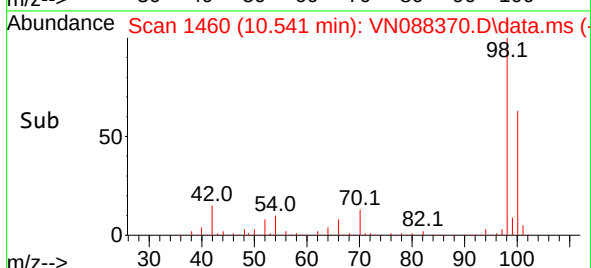
Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025

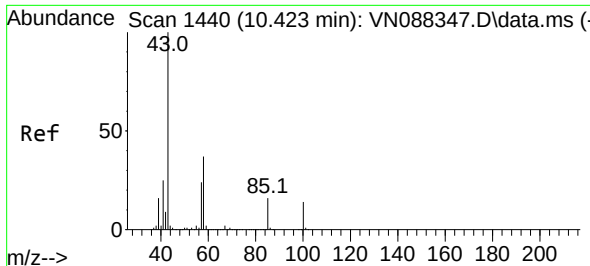


#50
Toluene-d8
Concen: 52.597 ug/l
RT: 10.541 min Scan# 1460
Delta R.T. -0.006 min
Lab File: VN088370.D
Acq: 01 Dec 2025 09:58



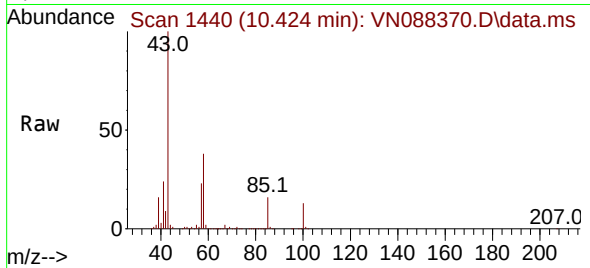
Tgt Ion: 98 Resp: 620606
Ion Ratio Lower Upper
98 100
100 63.5 52.2 78.2





#51
4-Methyl-2-Pentanone
Concen: 294.976 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. 0.000 min
Lab File: VN088370.D
Acq: 01 Dec 2025 09:58

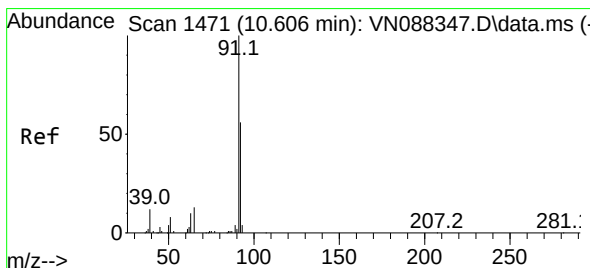
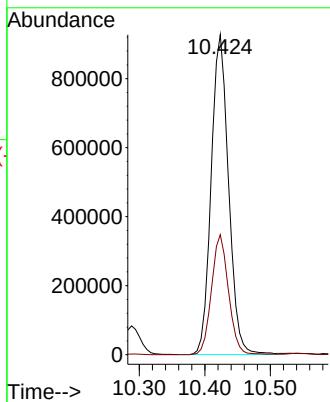
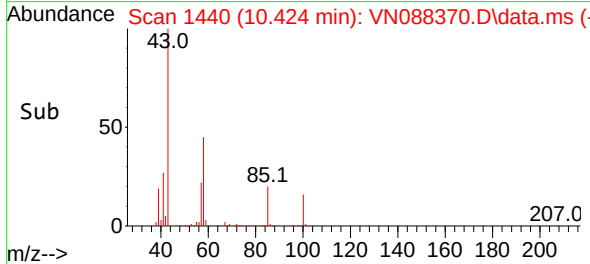
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 1709510
Ion Ratio Lower Upper
43 100
58 36.8 29.1 43.7

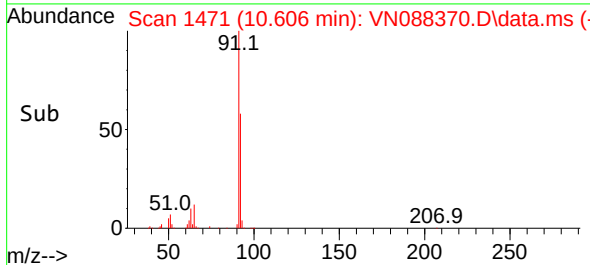
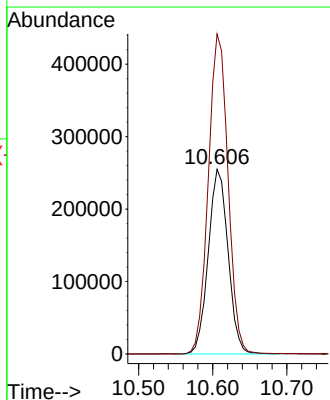
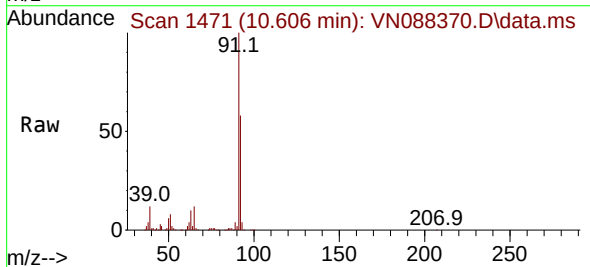
Manual Integrations
APPROVED

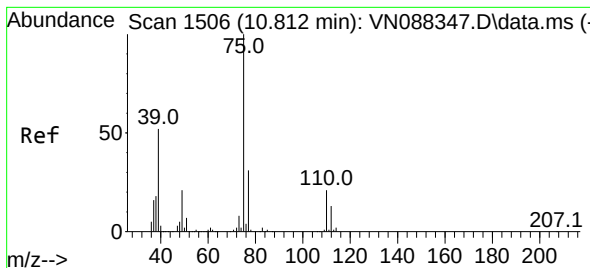
Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025



#52
Toluene
Concen: 57.023 ug/l
RT: 10.606 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VN088370.D
Acq: 01 Dec 2025 09:58

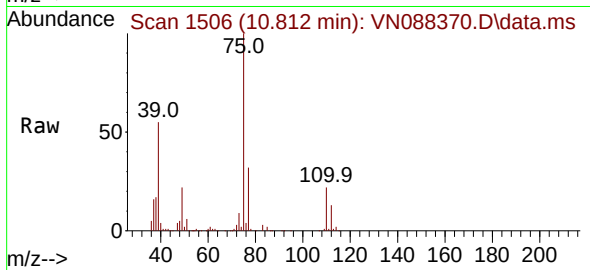
Tgt Ion: 92 Resp: 472964
Ion Ratio Lower Upper
92 100
91 173.0 140.2 210.2





#53
t-1,3-Dichloropropene
Concen: 58.302 ug/l
RT: 10.812 min Scan# 1506
Delta R.T. 0.000 min
Lab File: VN088370.D
Acq: 01 Dec 2025 09:58

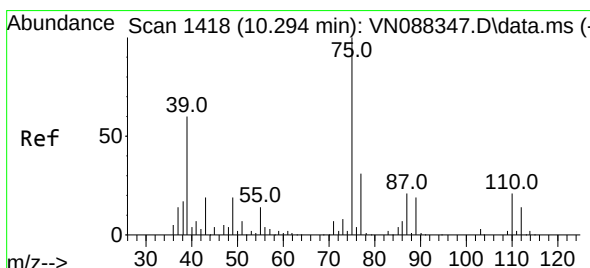
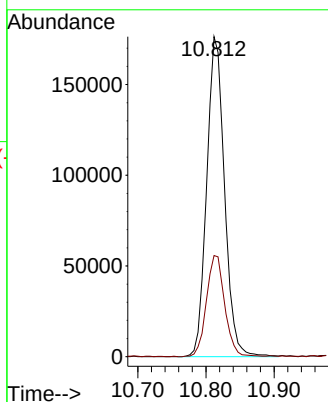
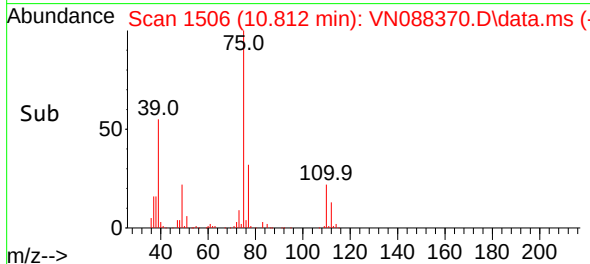
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



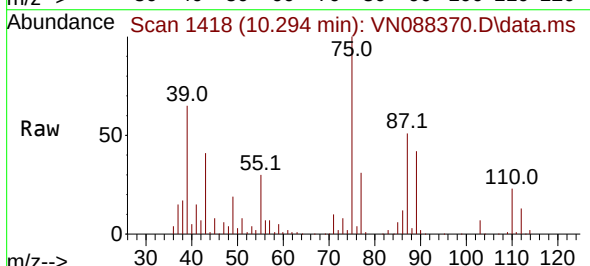
Tgt Ion: 75 Resp: 32070
Ion Ratio Lower Upper
75 100
77 31.6 24.8 37.2

Manual Integrations
APPROVED

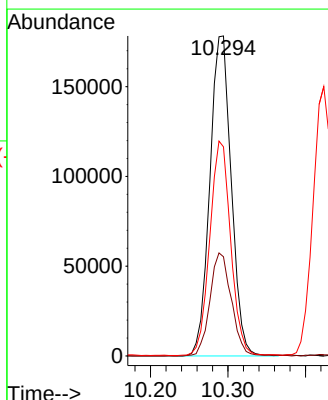
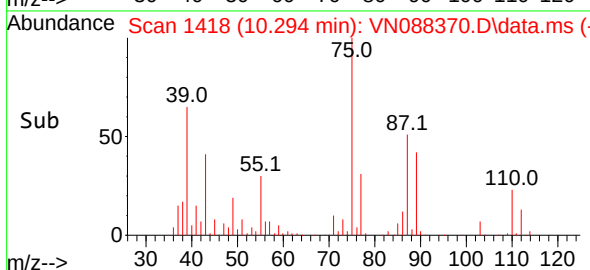
Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025

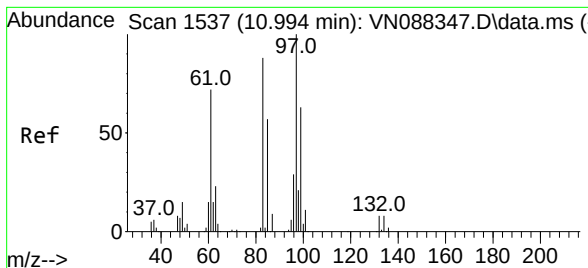


#54
cis-1,3-Dichloropropene
Concen: 59.163 ug/l
RT: 10.294 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VN088370.D
Acq: 01 Dec 2025 09:58



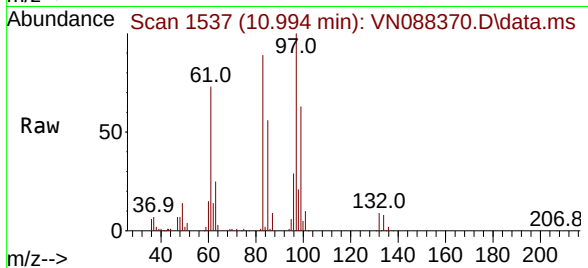
Tgt Ion: 75 Resp: 342246
Ion Ratio Lower Upper
75 100
77 31.0 24.5 36.7
39 65.2 48.3 72.5





#55
1,1,2-Trichloroethane
Concen: 57.061 ug/l
RT: 10.994 min Scan# 1537
Delta R.T. 0.000 min
Lab File: VN088370.D
Acq: 01 Dec 2025 09:58

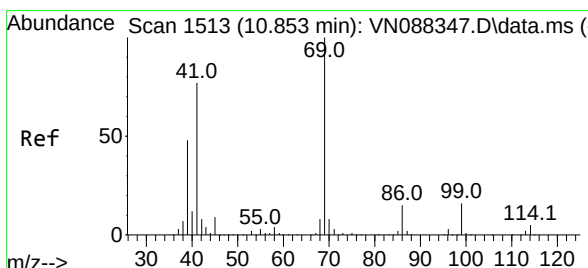
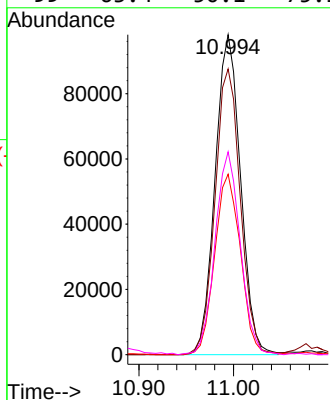
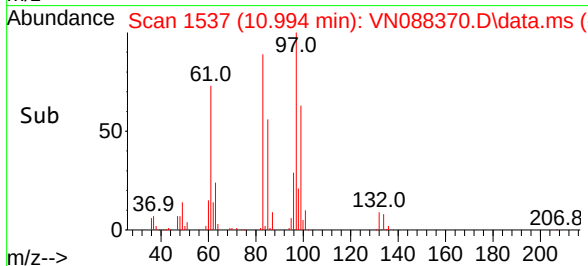
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



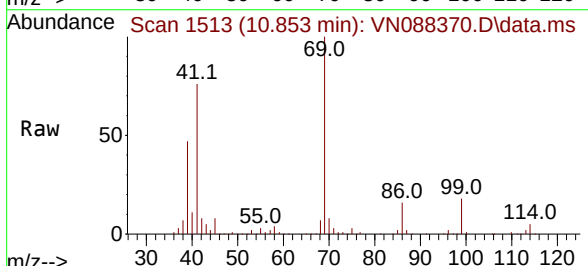
Tgt Ion:	97	Resp:	18311
Ion Ratio	100	Lower	Upper
97	100		
83	89.3	70.4	105.6
85	56.4	45.4	68.2
99	63.4	50.1	75.1

Manual Integrations
APPROVED

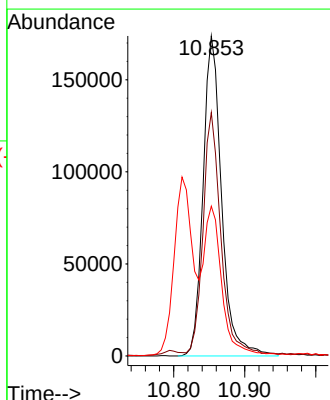
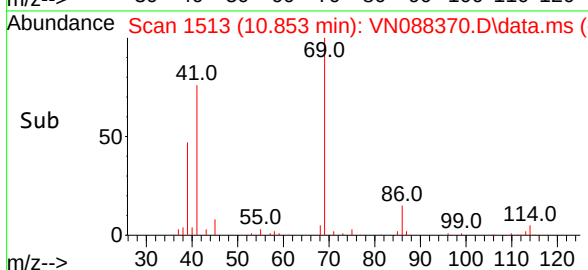
Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025

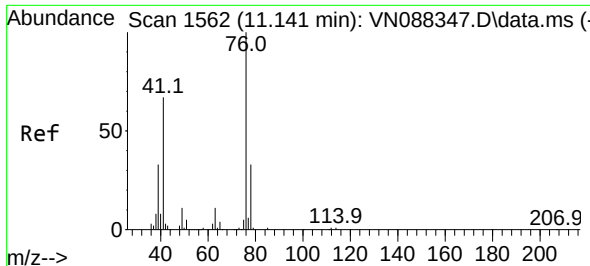


#56
Ethyl methacrylate
Concen: 62.537 ug/l
RT: 10.853 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VN088370.D
Acq: 01 Dec 2025 09:58



Tgt Ion:	69	Resp:	317004
Ion Ratio	100	Lower	Upper
69	100		
41	72.9	59.6	89.4
39	43.9	36.4	54.6





#57

1,3-Dichloropropane

Concen: 58.496 ug/l

RT: 11.141 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN088370.D

Acq: 01 Dec 2025 09:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 33864

Ion Ratio Lower Upper

76 100

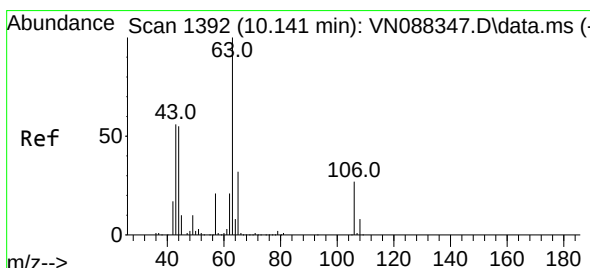
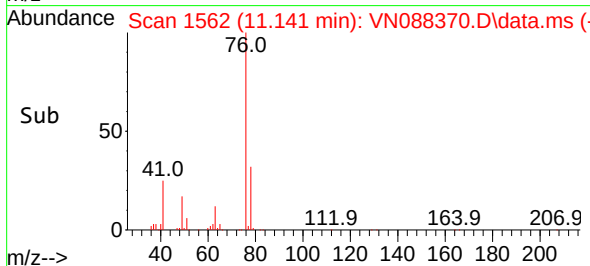
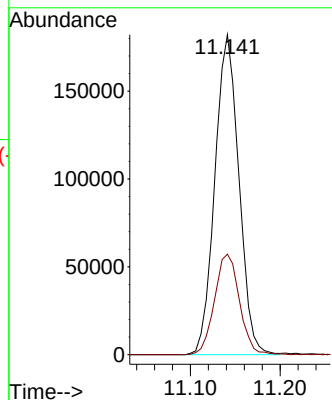
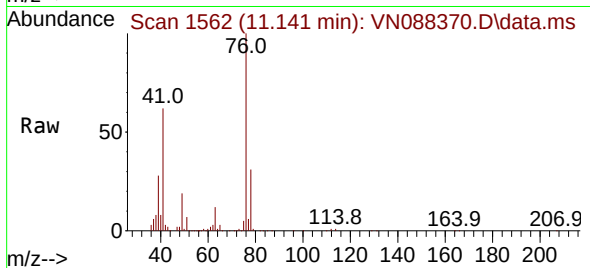
78 32.6 26.2 39.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/02/2025

Supervised By :Mahesh Dadoda 12/02/2025



#58

2-Chloroethyl Vinyl ether

Concen: 323.148 ug/l

RT: 10.135 min Scan# 1391

Delta R.T. -0.006 min

Lab File: VN088370.D

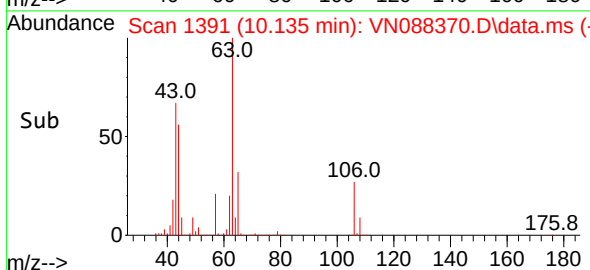
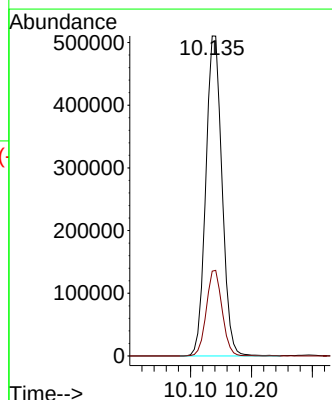
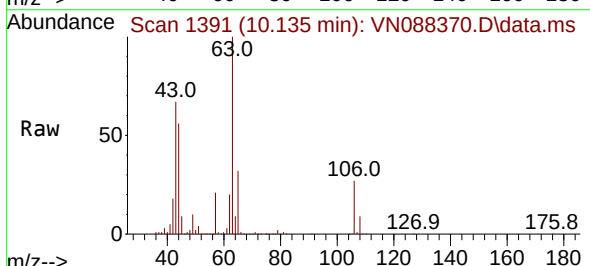
Acq: 01 Dec 2025 09:58

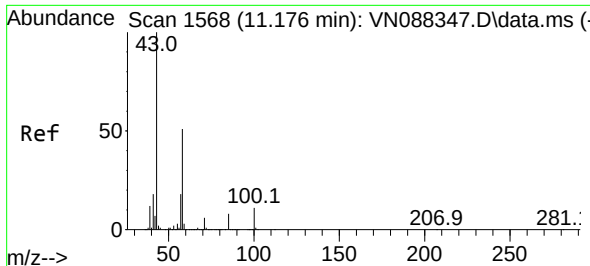
Tgt Ion: 63 Resp: 944366

Ion Ratio Lower Upper

63 100

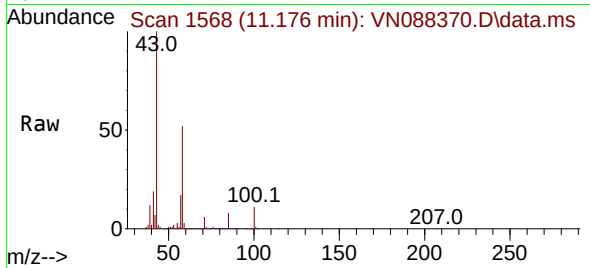
106 26.1 20.5 30.7





#59
2-Hexanone
Concen: 287.241 ug/l
RT: 11.176 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VN088370.D
Acq: 01 Dec 2025 09:58

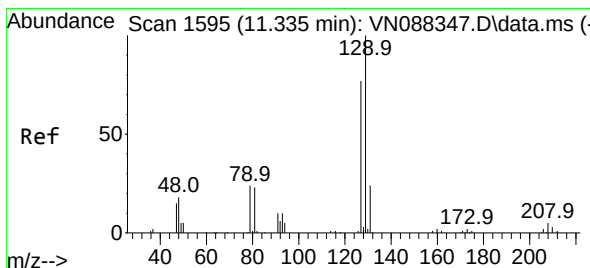
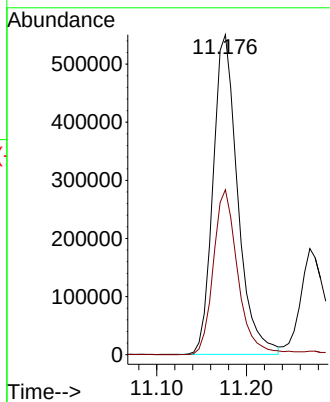
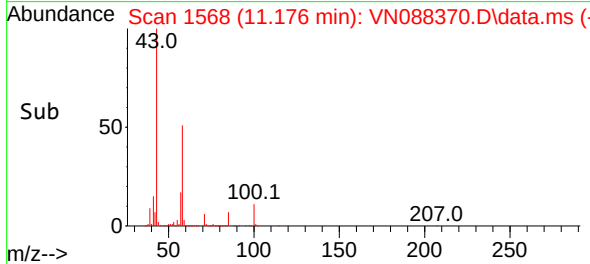
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 1048679
Ion Ratio Lower Upper
43 100
58 51.5 25.3 75.9

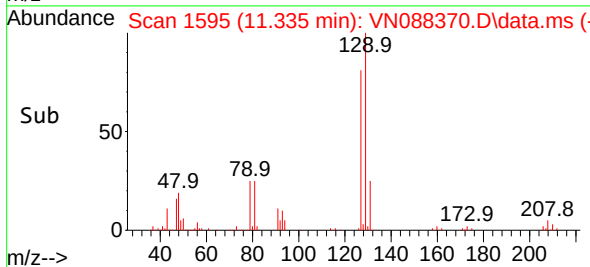
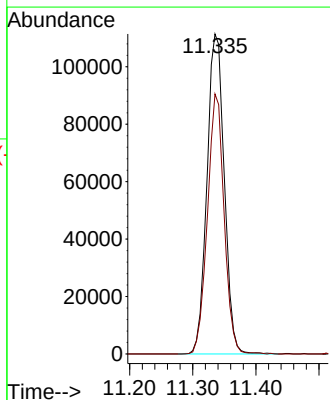
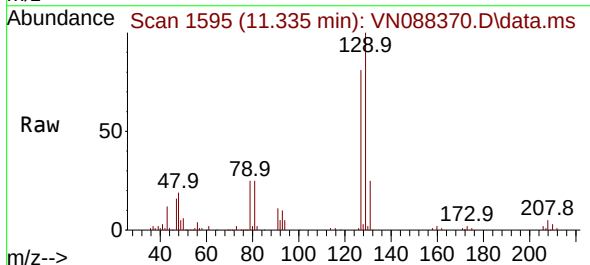
Manual Integrations
APPROVED

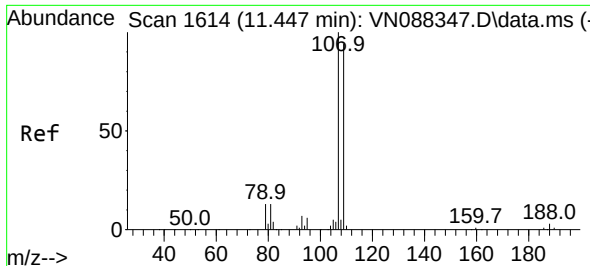
Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025



#60
Dibromochloromethane
Concen: 58.062 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VN088370.D
Acq: 01 Dec 2025 09:58

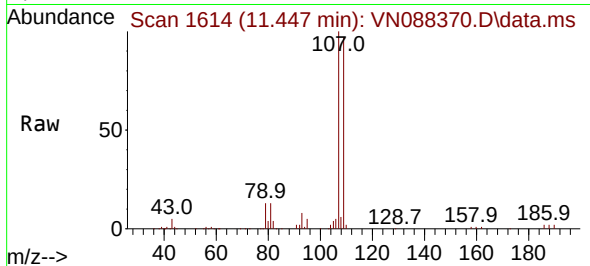
Tgt Ion:129 Resp: 212408
Ion Ratio Lower Upper
129 100
127 78.3 38.2 114.6





#61
1,2-Dibromoethane
Concen: 58.199 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VN088370.D
Acq: 01 Dec 2025 09:58

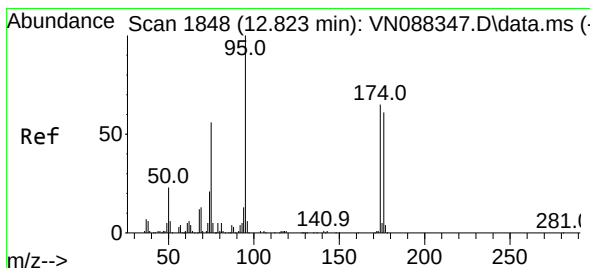
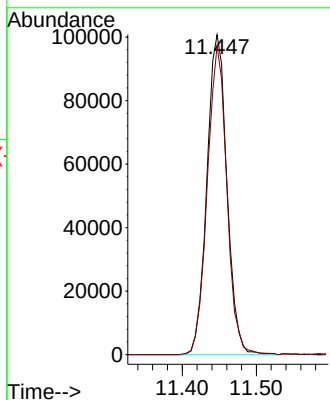
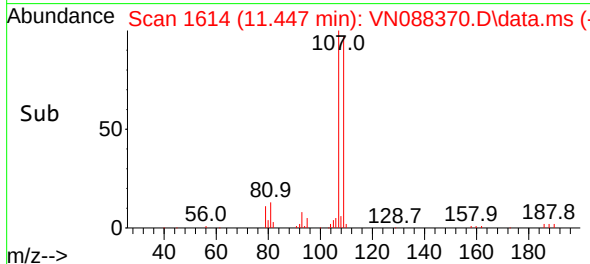
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



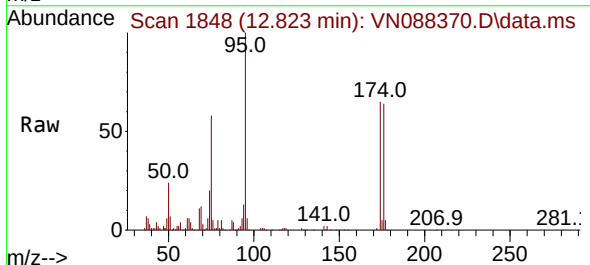
Tgt Ion:107 Resp: 189124
Ion Ratio Lower Upper
107 100
109 94.2 74.6 112.0

Manual Integrations
APPROVED

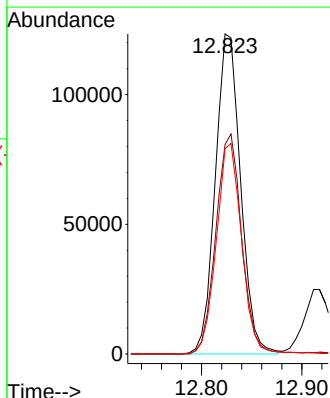
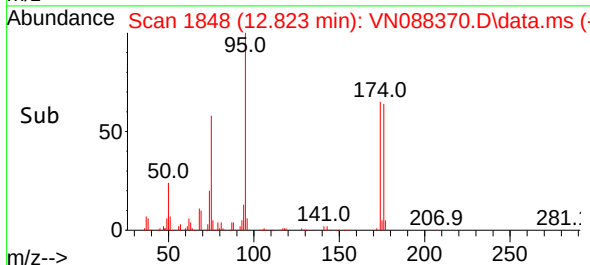
Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025

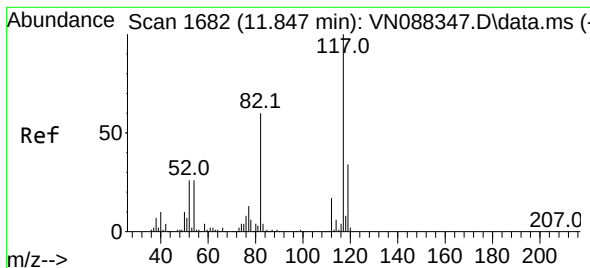


#62
4-Bromofluorobenzene
Concen: 53.376 ug/l
RT: 12.823 min Scan# 1848
Delta R.T. 0.000 min
Lab File: VN088370.D
Acq: 01 Dec 2025 09:58



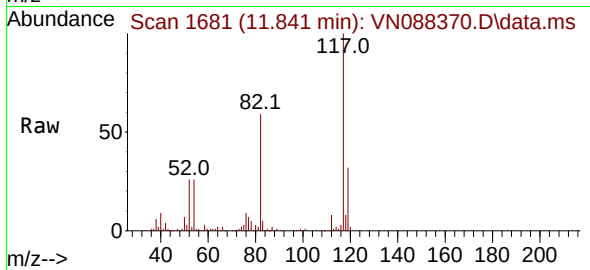
Tgt Ion: 95 Resp: 216098
Ion Ratio Lower Upper
95 100
174 69.9 0.0 139.0
176 66.1 0.0 132.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1681
Delta R.T. -0.006 min
Lab File: VN088370.D
Acq: 01 Dec 2025 09:58

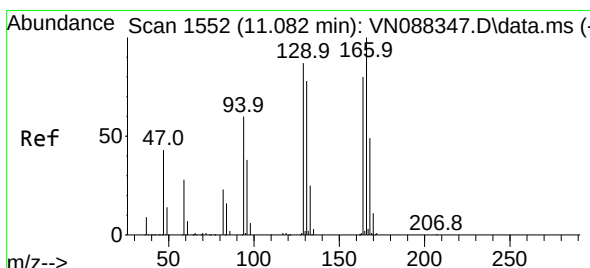
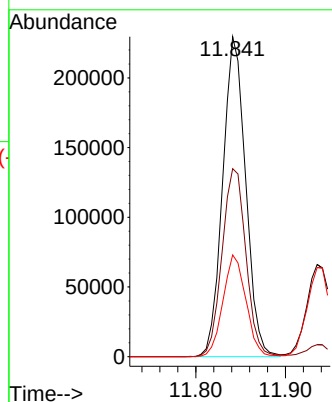
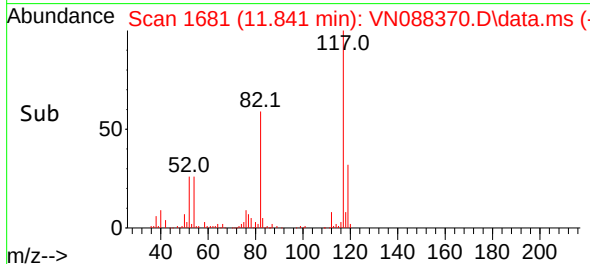
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 408098
Ion Ratio Lower Upper
117 100
82 58.7 47.8 71.8
119 31.8 26.9 40.3

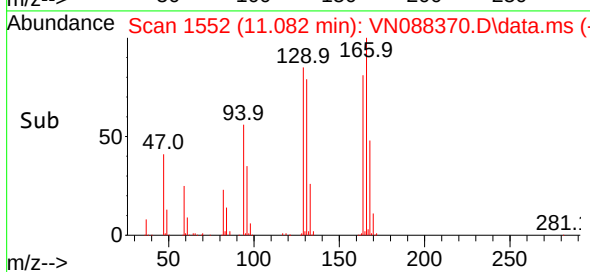
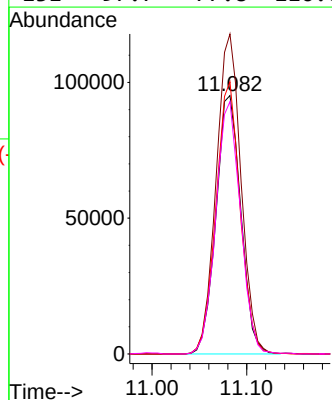
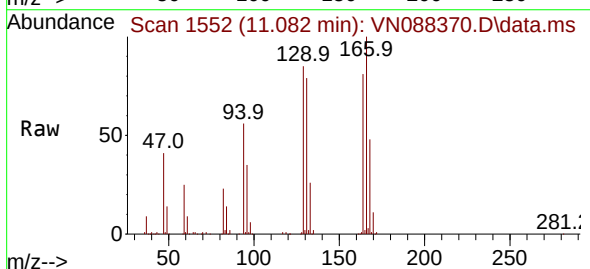
Manual Integrations
APPROVED

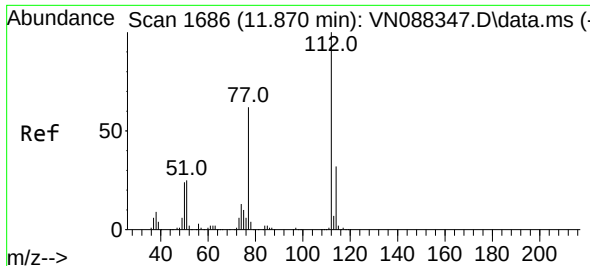
Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025



#64
Tetrachloroethene
Concen: 53.571 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. 0.000 min
Lab File: VN088370.D
Acq: 01 Dec 2025 09:58

Tgt Ion:164 Resp: 173317
Ion Ratio Lower Upper
164 100
166 123.9 99.6 149.4
129 105.4 86.6 129.8
131 97.7 77.8 116.6





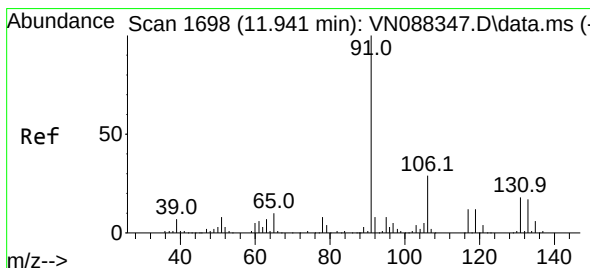
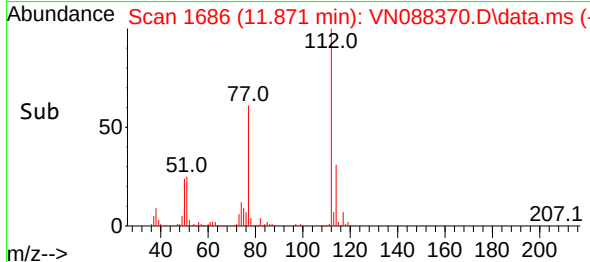
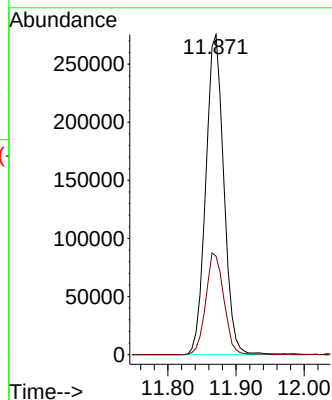
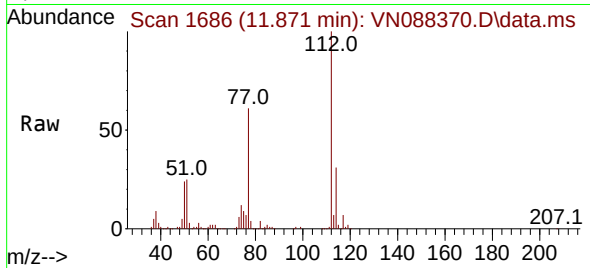
#65
Chlorobenzene
Concen: 55.274 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN088370.D
Acq: 01 Dec 2025 09:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 506678
Ion Ratio Lower Upper
112 100
114 30.8 25.4 38.2

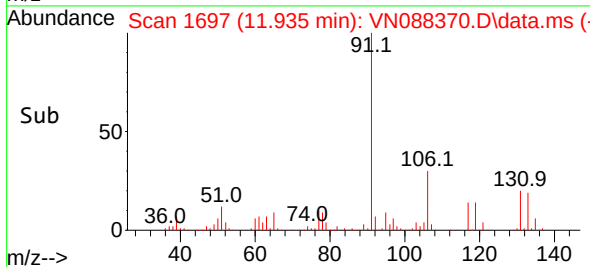
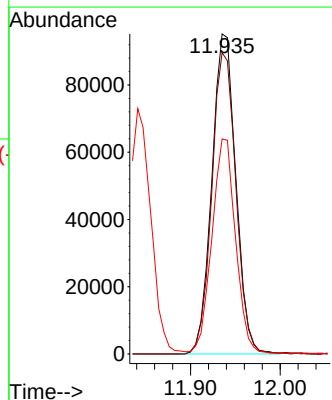
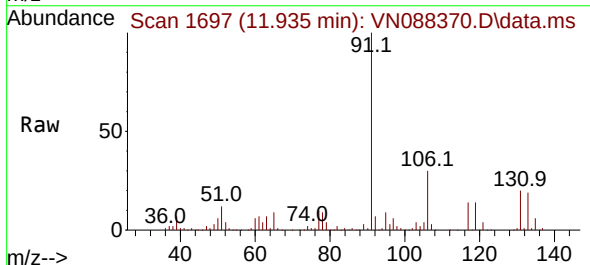
Manual Integrations
APPROVED

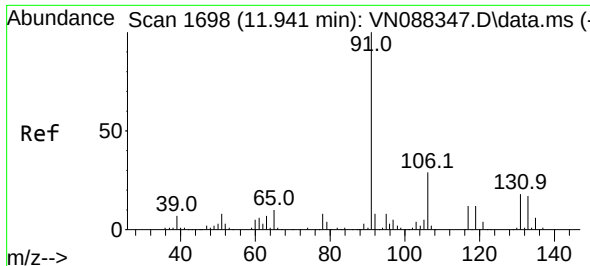
Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 57.102 ug/l
RT: 11.935 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VN088370.D
Acq: 01 Dec 2025 09:58

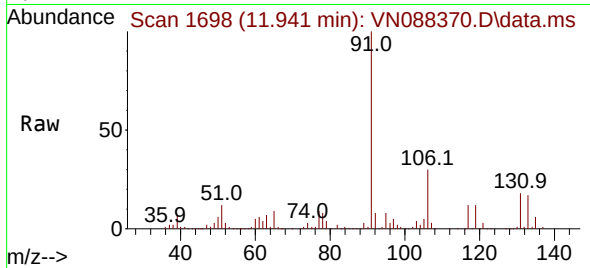
Tgt Ion:131 Resp: 176540
Ion Ratio Lower Upper
131 100
133 94.9 47.4 142.2
119 66.1 33.4 100.1





#67
Ethyl Benzene
Concen: 55.709 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN088370.D
Acq: 01 Dec 2025 09:58

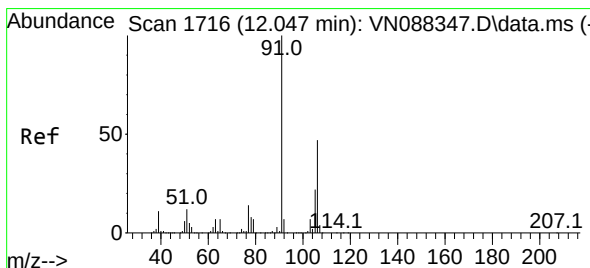
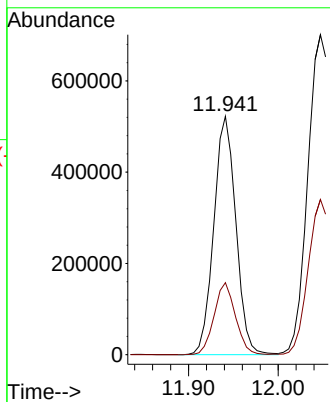
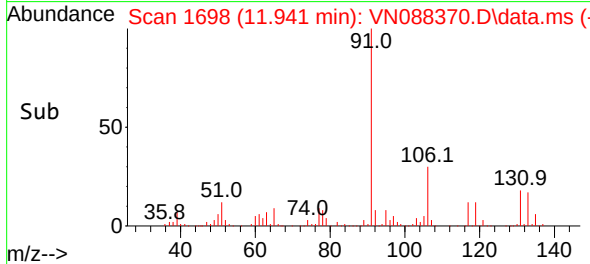
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



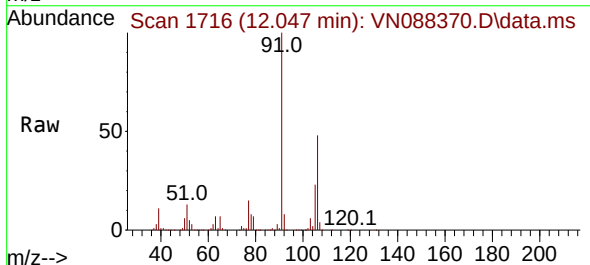
Tgt Ion: 91 Resp: 892540
Ion Ratio Lower Upper
91 100
106 30.2 23.6 35.4

Manual Integrations
APPROVED

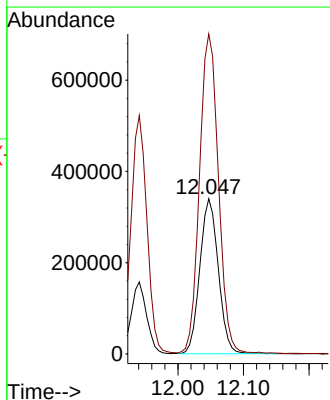
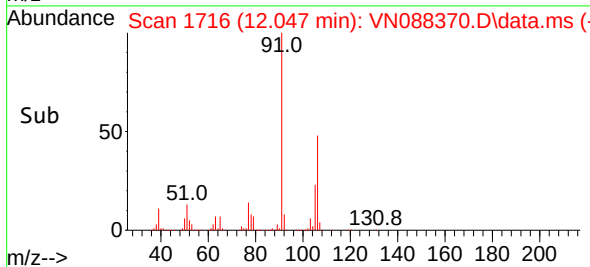
Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025

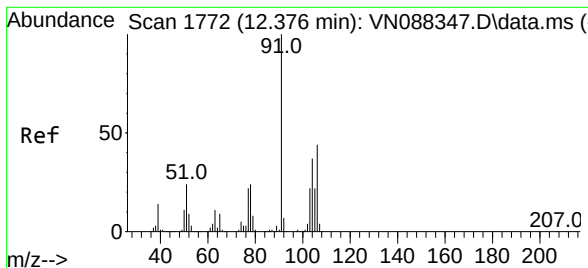


#68
m/p-Xylenes
Concen: 112.150 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VN088370.D
Acq: 01 Dec 2025 09:58



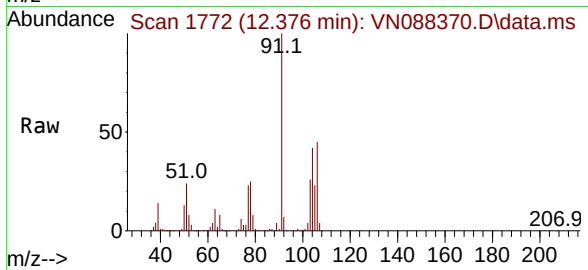
Tgt Ion:106 Resp: 666195
Ion Ratio Lower Upper
106 100
91 211.5 167.8 251.6





#69
o-Xylene
Concen: 56.069 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VN088370.D
Acq: 01 Dec 2025 09:58

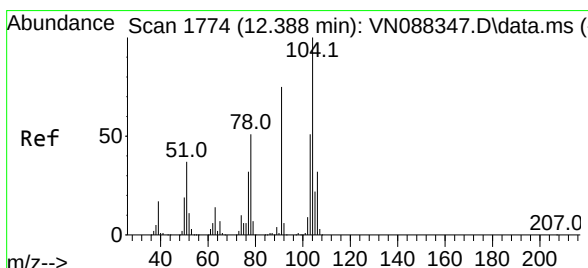
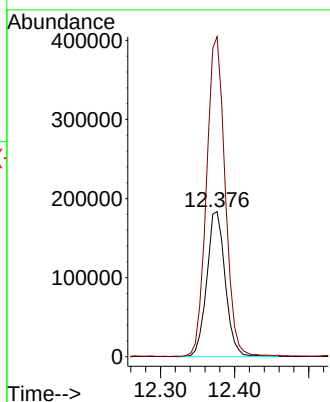
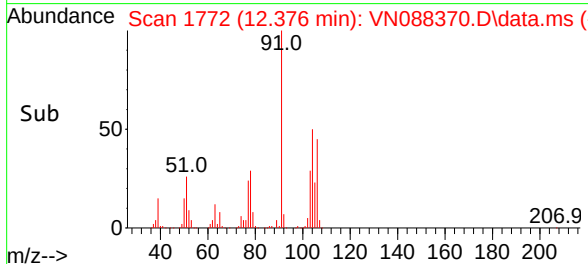
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:106 Resp: 31753
Ion Ratio Lower Upper
106 100
91 223.0 112.9 338.7

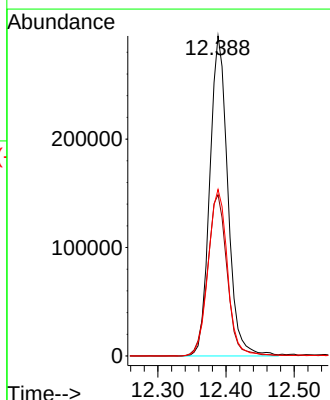
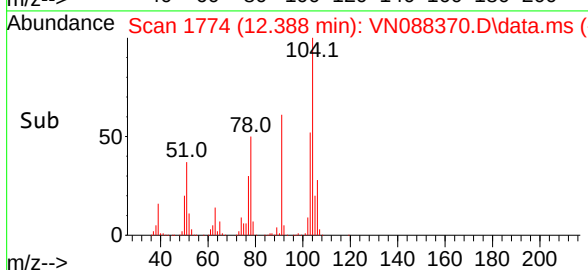
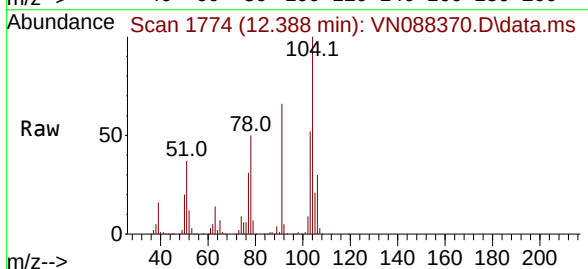
Manual Integrations
APPROVED

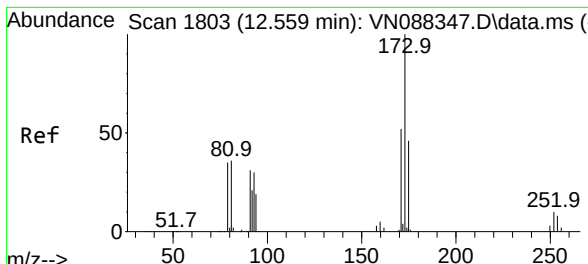
Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025



#70
Styrene
Concen: 59.301 ug/l
RT: 12.388 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VN088370.D
Acq: 01 Dec 2025 09:58

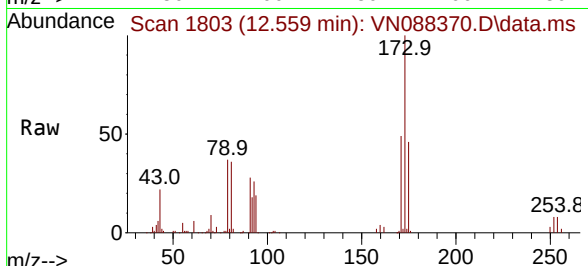
Tgt Ion:104 Resp: 545300
Ion Ratio Lower Upper
104 100
78 54.4 44.3 66.5
103 55.8 44.2 66.4





#71
Bromoform
Concen: 60.715 ug/l
RT: 12.559 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN088370.D
Acq: 01 Dec 2025 09:58

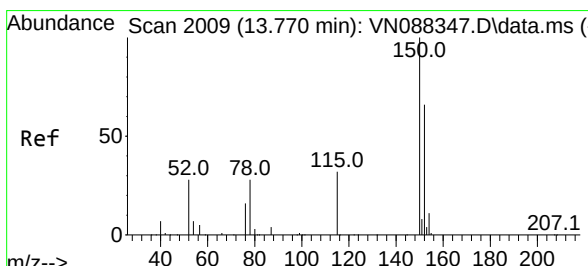
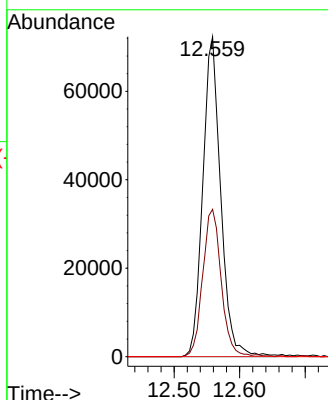
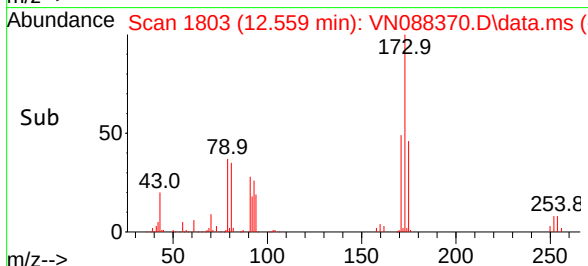
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



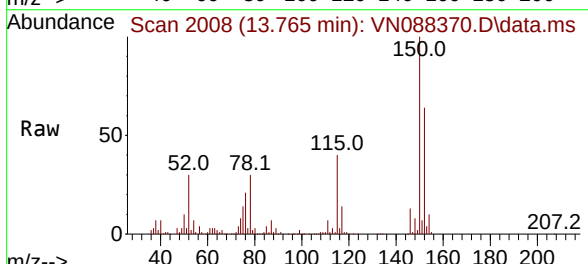
Tgt Ion:173 Resp: 137488
Ion Ratio Lower Upper
173 100
175 47.8 23.9 71.8
254 0.0 0.1 0.1

Manual Integrations
APPROVED

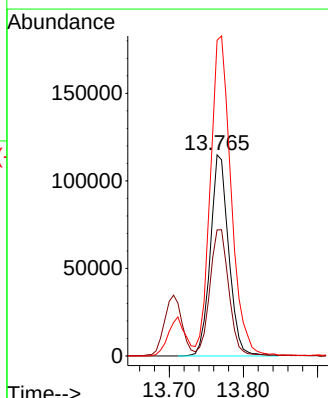
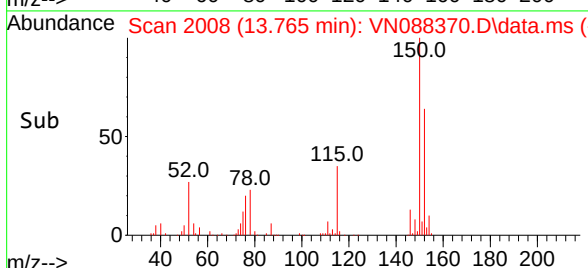
Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025

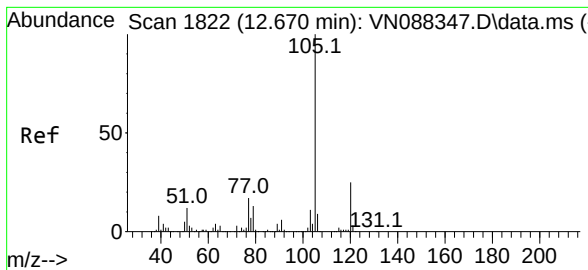


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.765 min Scan# 2008
Delta R.T. -0.006 min
Lab File: VN088370.D
Acq: 01 Dec 2025 09:58



Tgt Ion:152 Resp: 197460
Ion Ratio Lower Upper
152 100
115 64.6 33.0 98.9
150 179.1 0.0 349.0





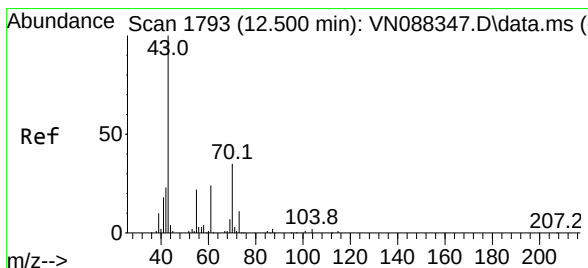
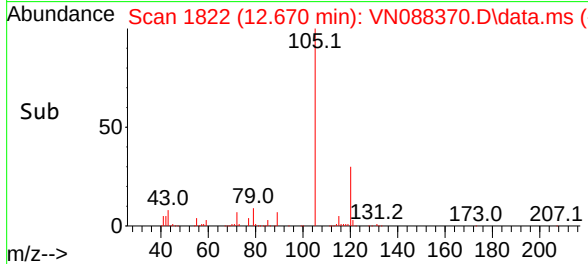
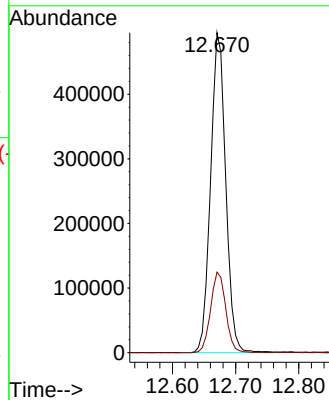
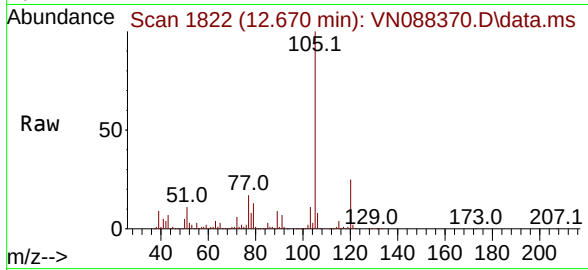
#73
Isopropylbenzene
Concen: 56.515 ug/l
RT: 12.670 min Scan# 1822
Delta R.T. 0.000 min
Lab File: VN088370.D
Acq: 01 Dec 2025 09:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 105 Resp: 82511
Ion Ratio Lower Upper
105 100
120 25.2 12.8 38.3

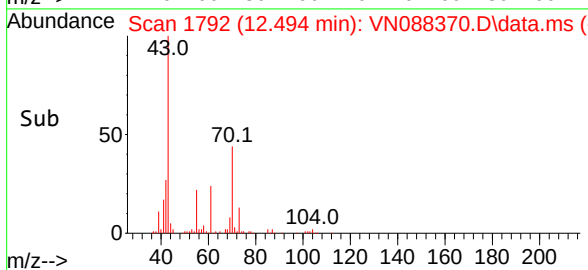
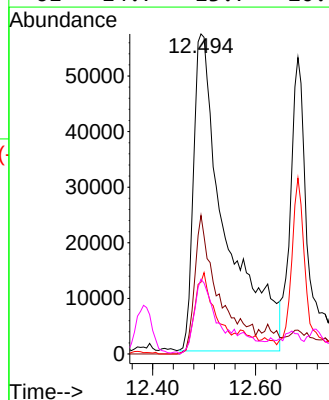
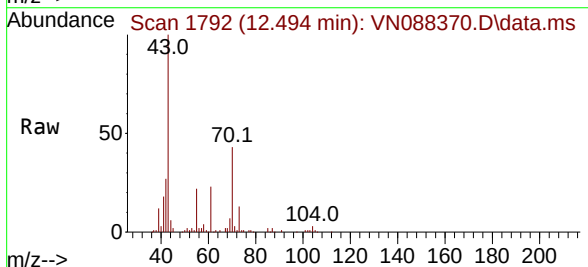
Manual Integrations
APPROVED

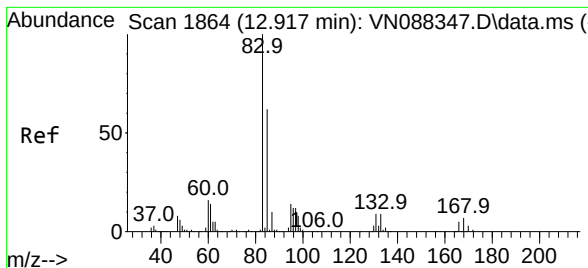
Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025



#74
N-ethyl acetate
Concen: 49.643 ug/l m
RT: 12.494 min Scan# 1792
Delta R.T. -0.006 min
Lab File: VN088370.D
Acq: 01 Dec 2025 09:58

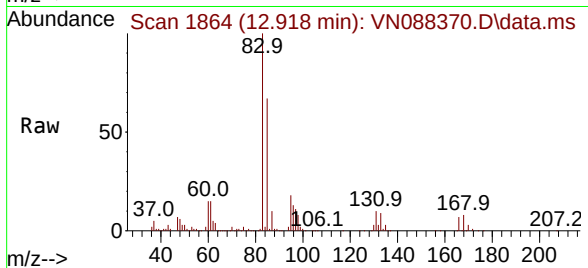
Tgt Ion: 43 Resp: 246831
Ion Ratio Lower Upper
43 100
70 34.8 28.3 42.5
55 16.7 17.7 26.5#
61 14.7 13.7 20.5





#75
1,1,2,2-Tetrachloroethane
Concen: 54.950 ug/l
RT: 12.918 min Scan# 1864
Delta R.T. 0.000 min
Lab File: VN088370.D
Acq: 01 Dec 2025 09:58

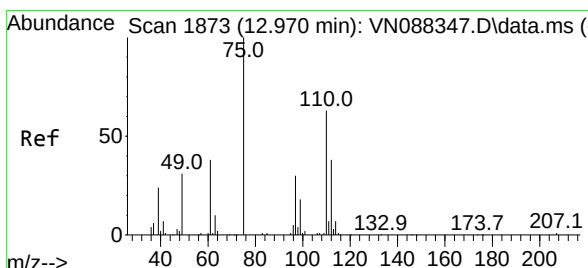
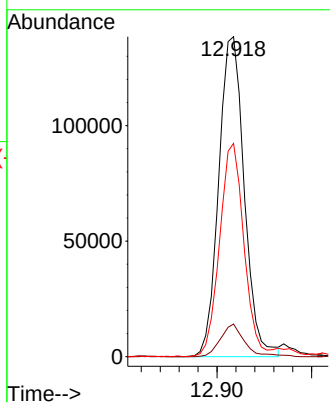
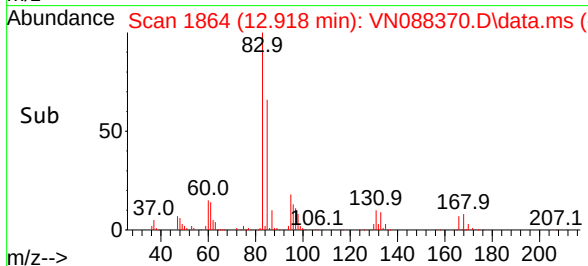
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



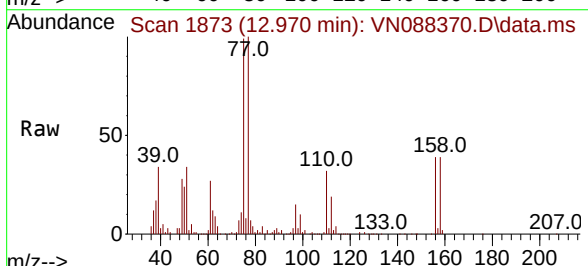
Tgt Ion: 83 Resp: 259360
Ion Ratio Lower Upper
83 100
131 9.7 4.8 14.4
85 63.6 32.1 96.5

Manual Integrations
APPROVED

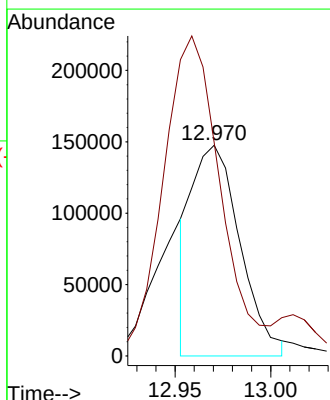
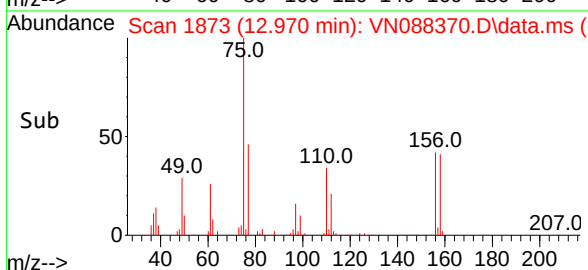
Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025

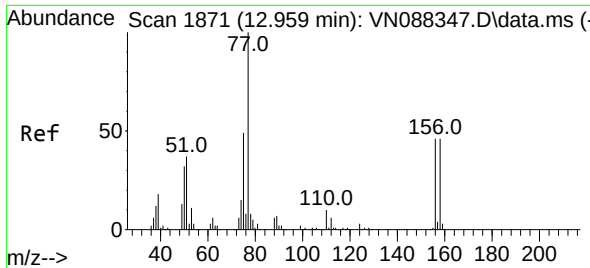


#76
1,2,3-Trichloropropane
Concen: 55.953 ug/l m
RT: 12.970 min Scan# 1873
Delta R.T. 0.000 min
Lab File: VN088370.D
Acq: 01 Dec 2025 09:58



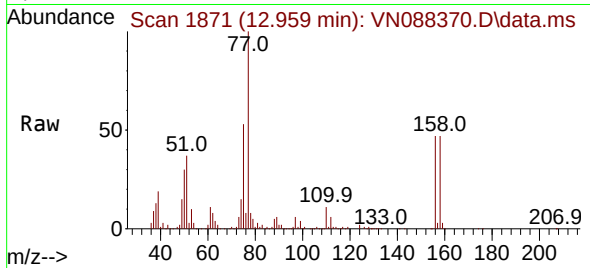
Tgt Ion: 75 Resp: 258773
Ion Ratio Lower Upper
75 100
77 181.6 87.2 261.6





#77
Bromobenzene
Concen: 57.171 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN088370.D
Acq: 01 Dec 2025 09:58

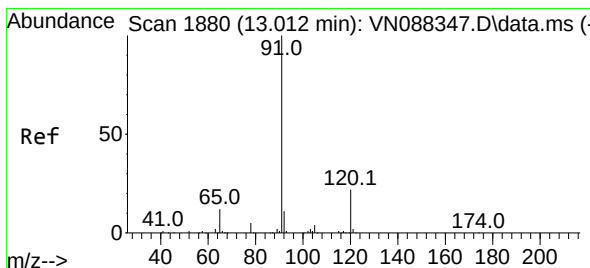
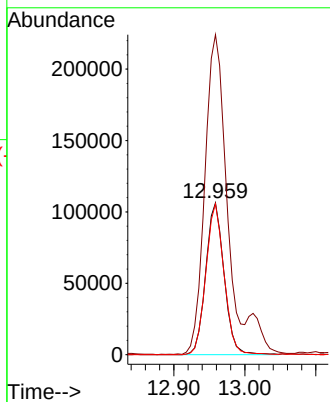
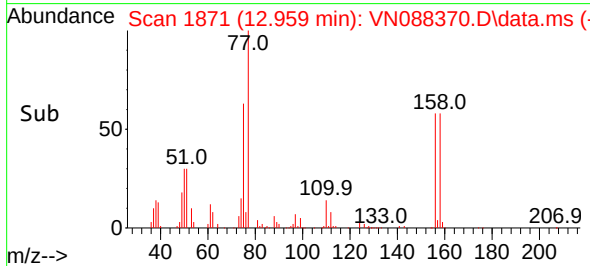
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:156 Resp: 190979
Ion Ratio Lower Upper
156 100
77 246.1 121.6 364.7
158 98.6 48.6 145.8

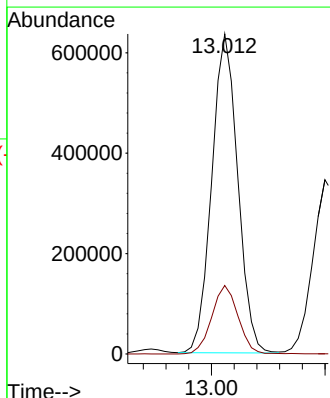
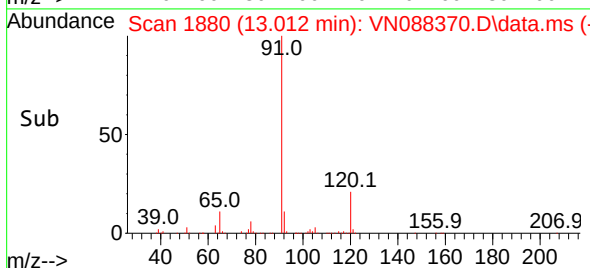
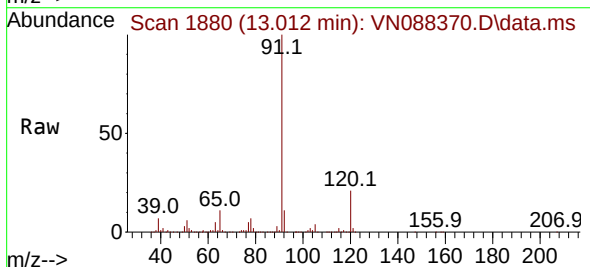
Manual Integrations
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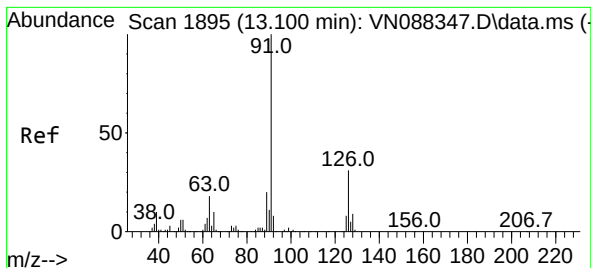
Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025



#78
n-propylbenzene
Concen: 56.441 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN088370.D
Acq: 01 Dec 2025 09:58

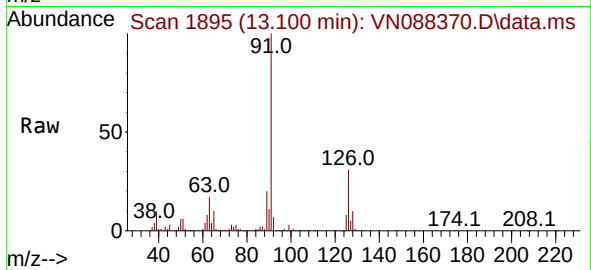
Tgt Ion: 91 Resp: 1008099
Ion Ratio Lower Upper
91 100
120 21.8 10.9 32.6





#79
2-Chlorotoluene
Concen: 55.123 ug/l
RT: 13.100 min Scan# 1895
Delta R.T. 0.000 min
Lab File: VN088370.D
Acq: 01 Dec 2025 09:58

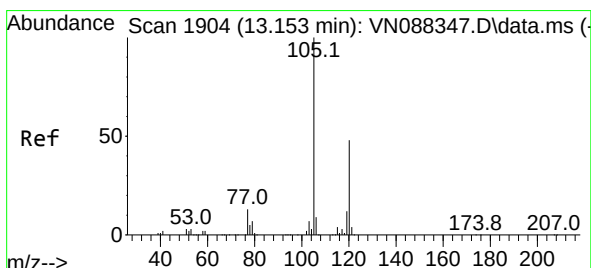
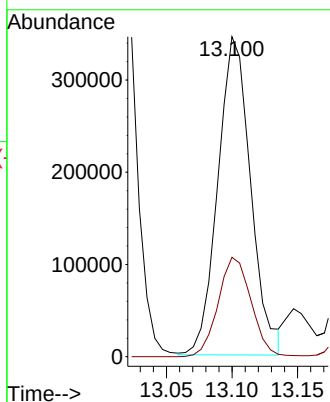
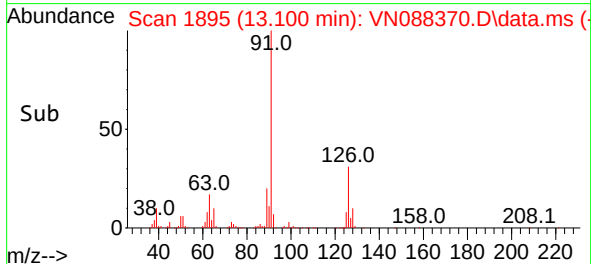
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



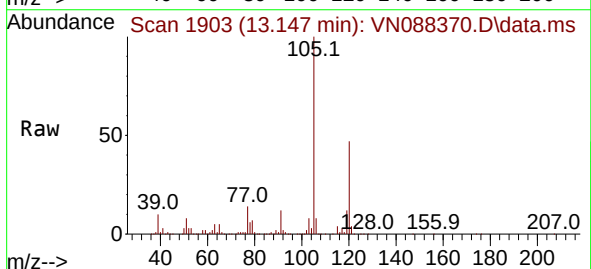
Tgt Ion: 91 Resp: 60123
Ion Ratio Lower Upper
91 100
126 31.4 15.3 45.9

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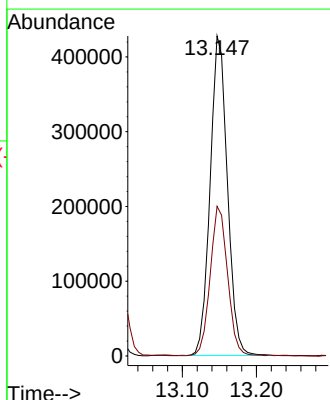
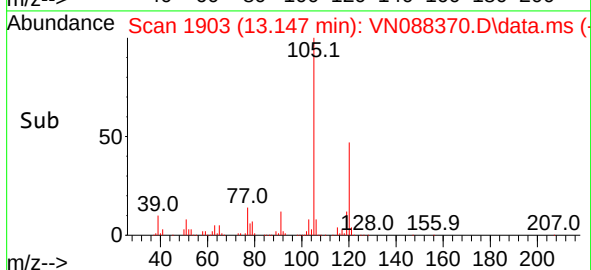
Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025

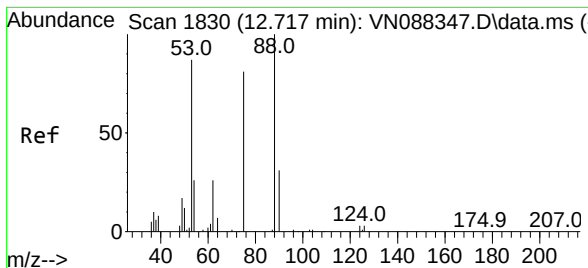


#80
1,3,5-Trimethylbenzene
Concen: 57.227 ug/l
RT: 13.147 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VN088370.D
Acq: 01 Dec 2025 09:58



Tgt Ion:105 Resp: 692333
Ion Ratio Lower Upper
105 100
120 47.4 23.8 71.5





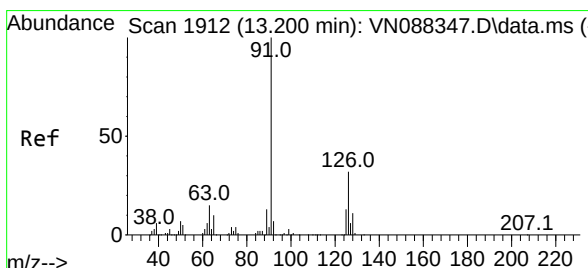
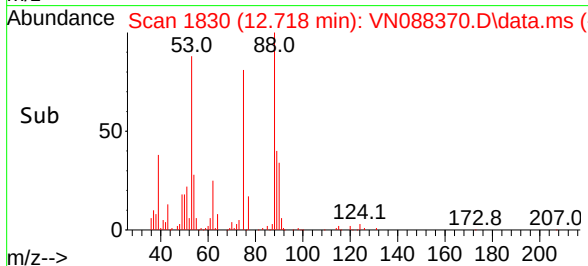
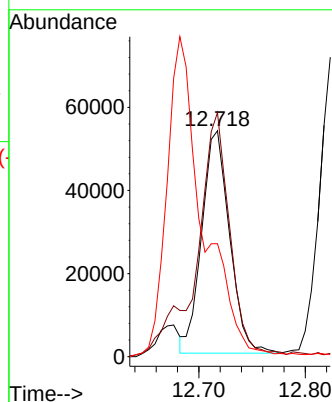
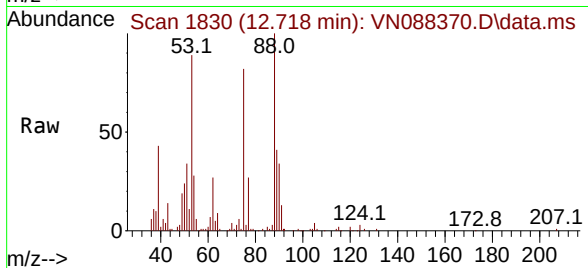
#81
trans-1,4-Dichloro-2-butene
Concen: 59.611 ug/l
RT: 12.718 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN088370.D
Acq: 01 Dec 2025 09:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 97180
Ion Ratio Lower Upper
75 100
53 129.5 92.2 138.4
89 0.0 0.0 0.0

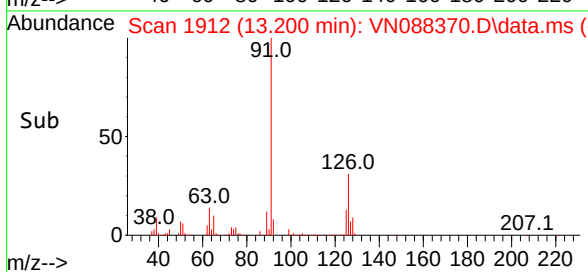
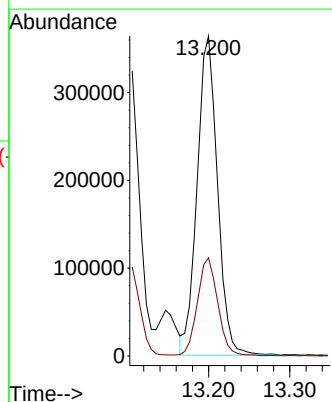
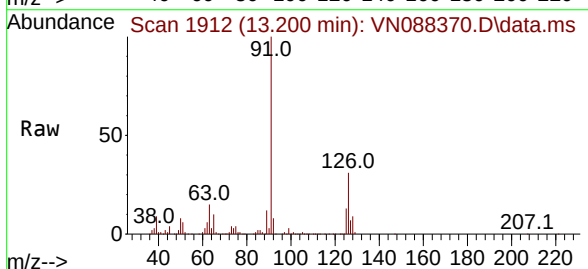
Manual Integrations
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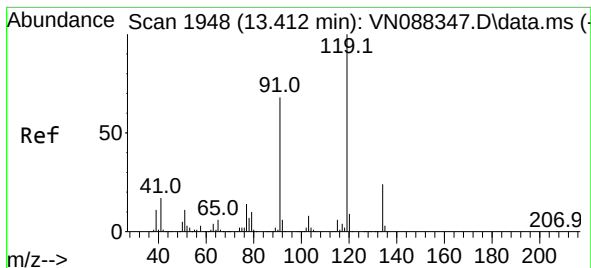
Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025



#82
4-Chlorotoluene
Concen: 58.473 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VN088370.D
Acq: 01 Dec 2025 09:58

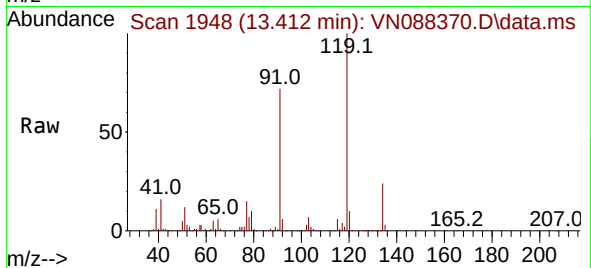
Tgt Ion: 91 Resp: 633461
Ion Ratio Lower Upper
91 100
126 30.7 15.6 46.7





#83
tert-Butylbenzene
Concen: 55.723 ug/l
RT: 13.412 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VN088370.D
Acq: 01 Dec 2025 09:58

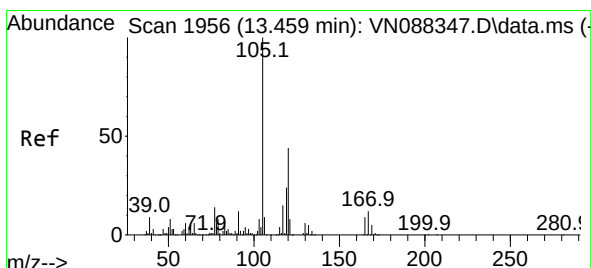
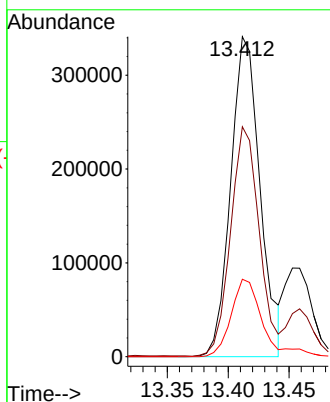
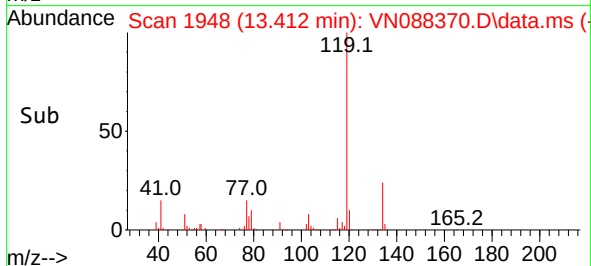
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



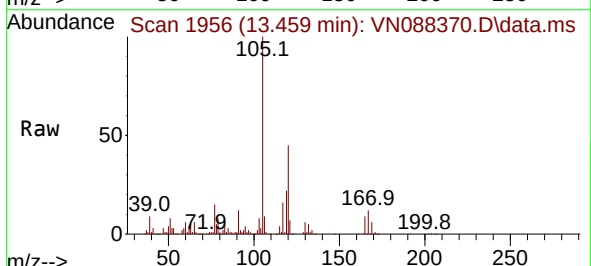
Tgt Ion:119 Resp: 573074
Ion Ratio Lower Upper
119 100
91 69.9 35.1 105.3
134 25.9 12.8 38.4

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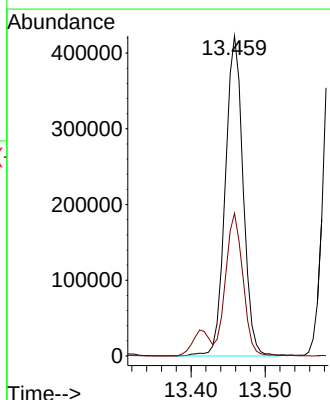
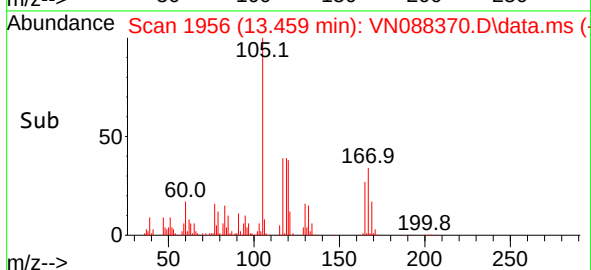
Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025

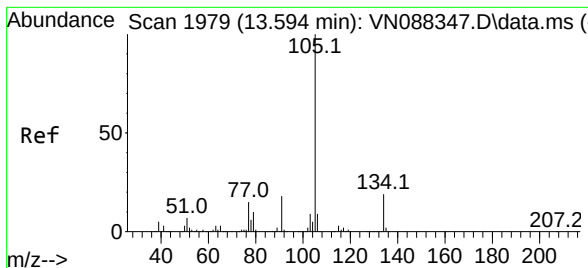


#84
1,2,4-Trimethylbenzene
Concen: 58.609 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN088370.D
Acq: 01 Dec 2025 09:58



Tgt Ion:105 Resp: 704771
Ion Ratio Lower Upper
105 100
120 43.6 22.1 66.1





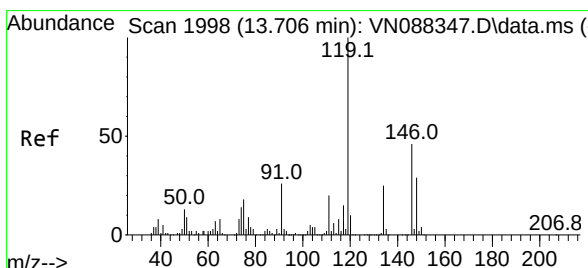
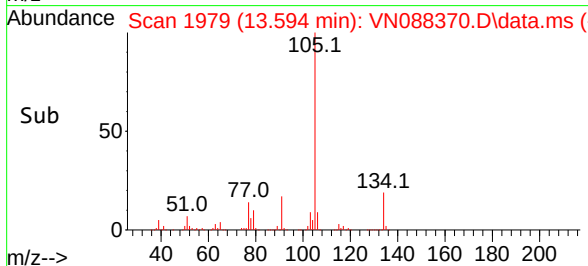
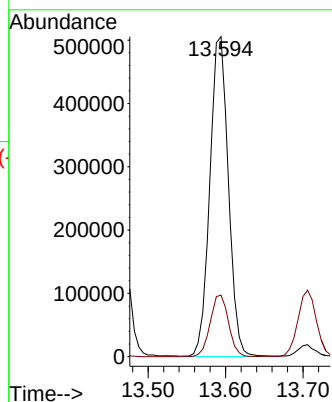
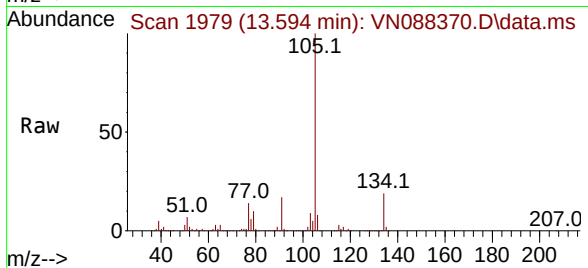
#85
 sec-Butylbenzene
 Concen: 56.889 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VN088370.D
 Acq: 01 Dec 2025 09:58

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 840504
 Ion Ratio Lower Upper
 105 100
 134 19.0 9.5 28.5

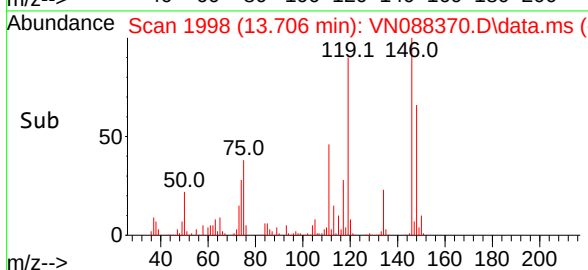
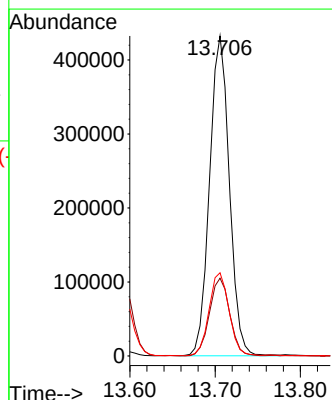
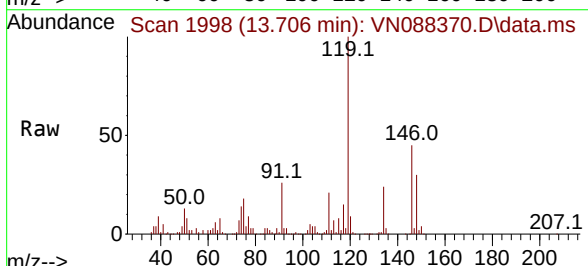
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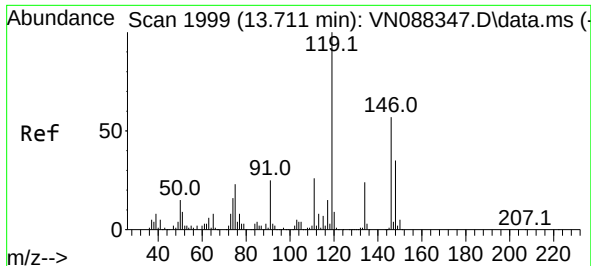
Reviewed By :John Carlone 12/02/2025
 Supervised By :Mahesh Dadoda 12/02/2025



#86
 p-Isopropyltoluene
 Concen: 57.528 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. 0.000 min
 Lab File: VN088370.D
 Acq: 01 Dec 2025 09:58

Tgt Ion:119 Resp: 696965
 Ion Ratio Lower Upper
 119 100
 134 24.8 12.2 36.6
 91 26.3 13.0 39.0





#87

1,3-Dichlorobenzene

Concen: 56.231 ug/l

RT: 13.712 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VN088370.D

Acq: 01 Dec 2025 09:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 365660

Ion Ratio Lower Upper

146 100

111 44.6 22.4 67.0

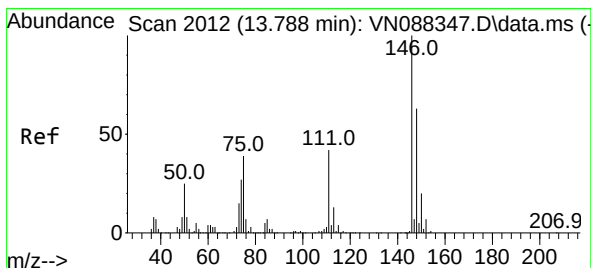
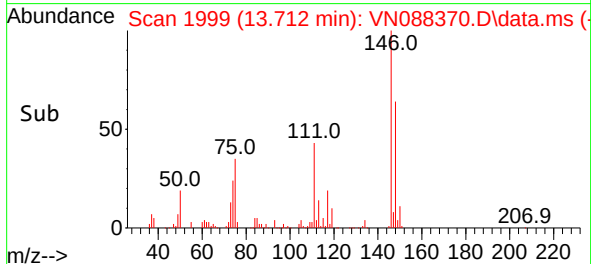
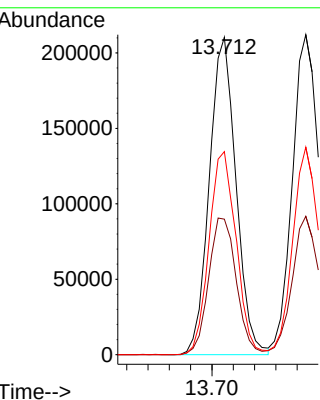
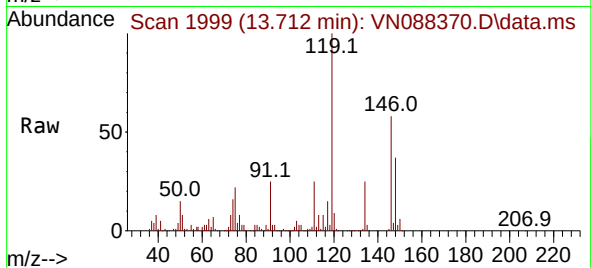
148 64.9 31.6 94.8

Manual Integrations

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Reviewed By :John Carlone 12/02/2025

Supervised By :Mahesh Dadoda 12/02/2025



#88

1,4-Dichlorobenzene

Concen: 55.121 ug/l

RT: 13.788 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VN088370.D

Acq: 01 Dec 2025 09:58

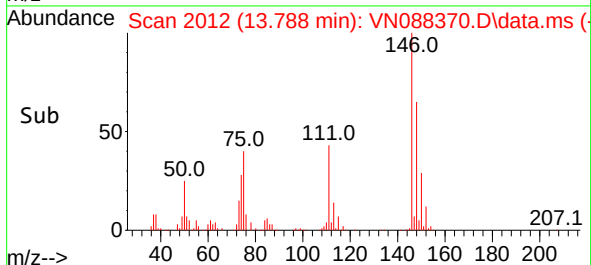
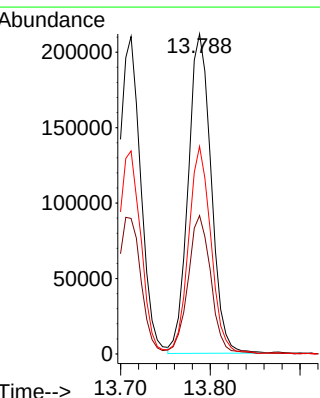
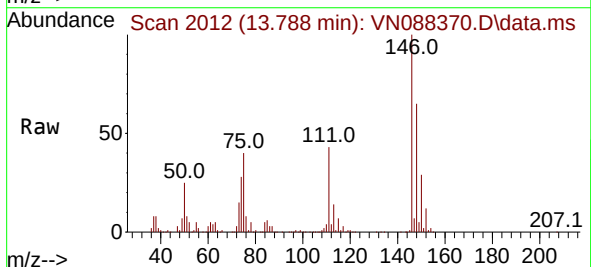
Tgt Ion:146 Resp: 375462

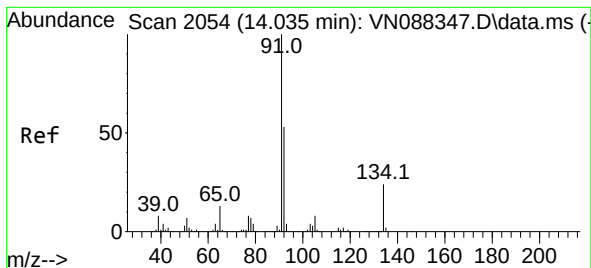
Ion Ratio Lower Upper

146 100

111 43.7 21.6 64.6

148 63.0 31.0 93.0





#89

n-Butylbenzene

Concen: 56.418 ug/l

RT: 14.029 min Scan# 2053

Delta R.T. -0.006 min

Lab File: VN088370.D

Acq: 01 Dec 2025 09:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

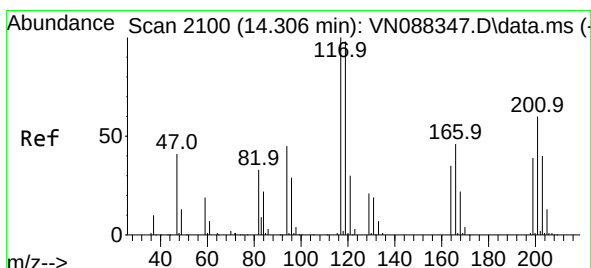
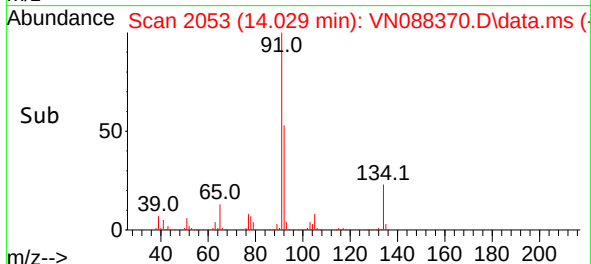
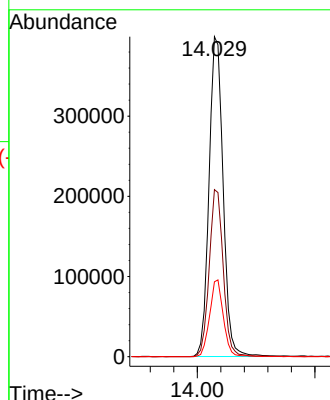
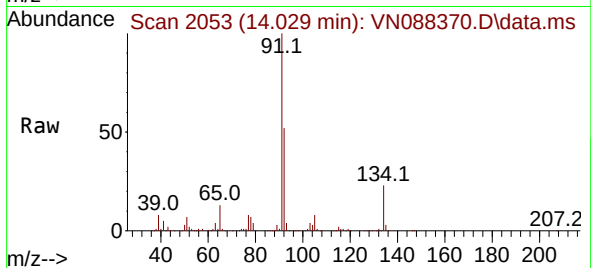
Tgt Ion: 91 Resp: 663659
 Ion Ratio Lower Upper
 91 100
 92 52.1 26.1 78.3
 134 23.4 11.7 35.1

Manual Integrations

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Reviewed By :John Carlone 12/02/2025

Supervised By :Mahesh Dadoda 12/02/2025



#90

Hexachloroethane

Concen: 56.344 ug/l

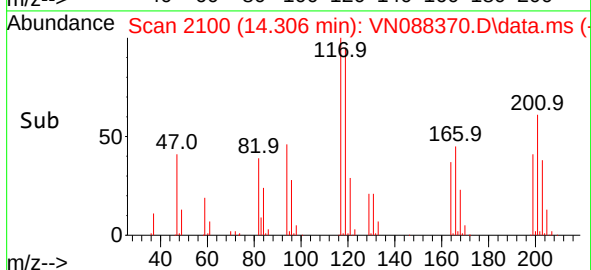
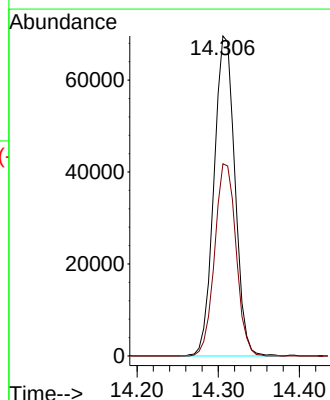
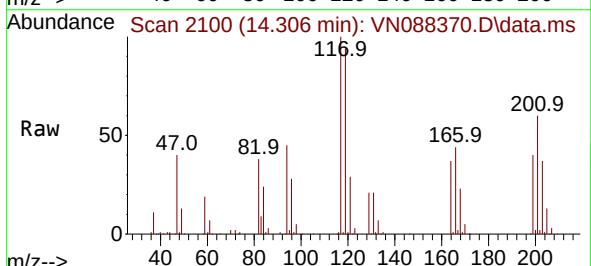
RT: 14.306 min Scan# 2100

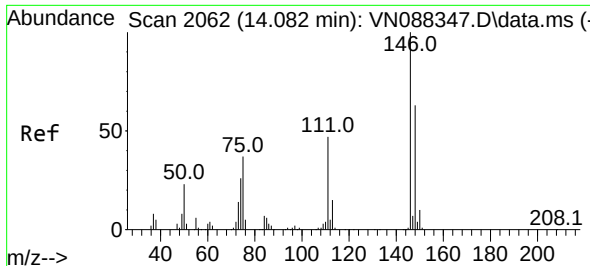
Delta R.T. 0.000 min

Lab File: VN088370.D

Acq: 01 Dec 2025 09:58

Tgt Ion:117 Resp: 124701
 Ion Ratio Lower Upper
 117 100
 201 61.4 30.3 90.9





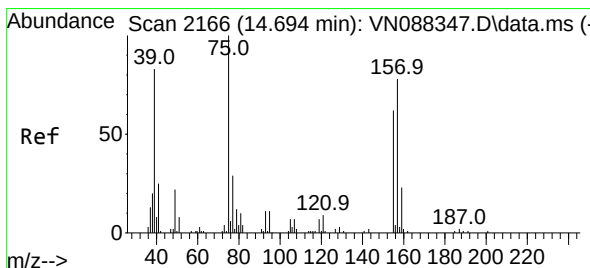
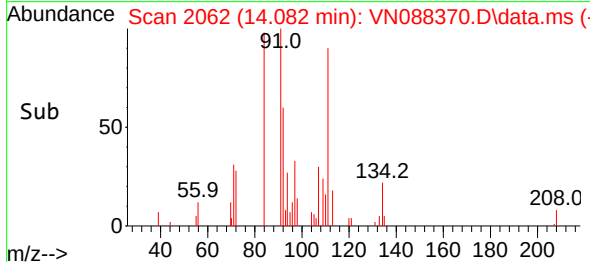
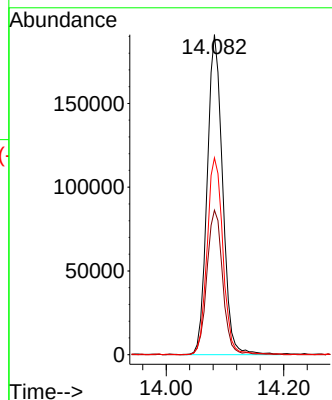
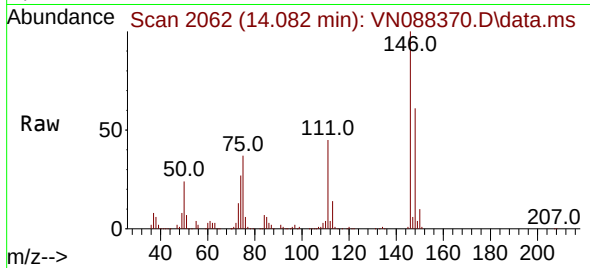
#91
1,2-Dichlorobenzene
Concen: 56.704 ug/l
RT: 14.082 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VN088370.D
Acq: 01 Dec 2025 09:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 346992
Ion Ratio Lower Upper
146 100
111 46.2 23.3 69.9
148 63.0 31.8 95.4

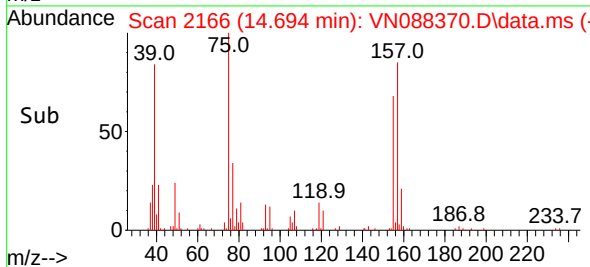
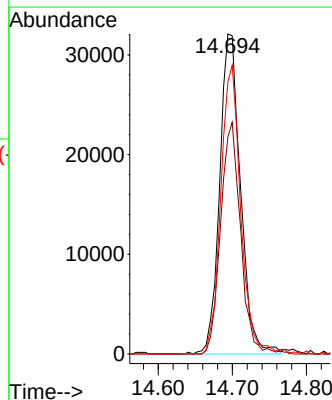
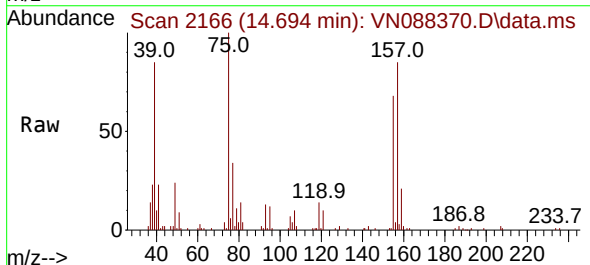
Manual Integrations
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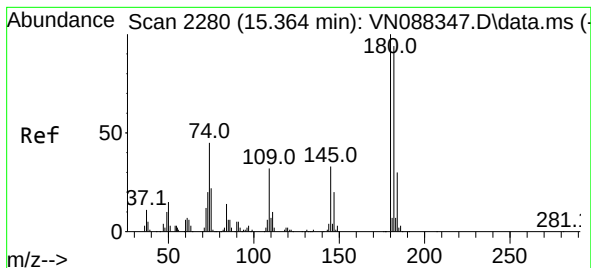
Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 54.672 ug/l
RT: 14.694 min Scan# 2166
Delta R.T. 0.000 min
Lab File: VN088370.D
Acq: 01 Dec 2025 09:58

Tgt Ion: 75 Resp: 62609
Ion Ratio Lower Upper
75 100
155 69.3 33.7 101.1
157 86.6 43.8 131.3





#93

1,2,4-Trichlorobenzene

Concen: 56.615 ug/l

RT: 15.364 min Scan# 2280

Delta R.T. 0.000 min

Lab File: VN088370.D

Acq: 01 Dec 2025 09:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:180 Resp: 205849

Ion Ratio Lower Upper

180 100

182 94.3 46.1 138.2

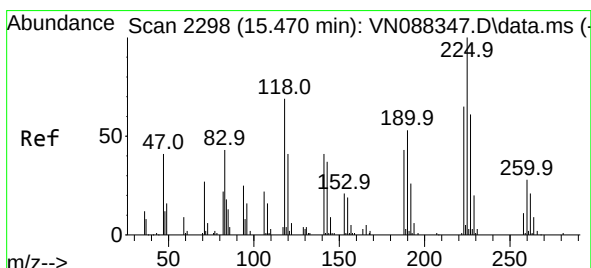
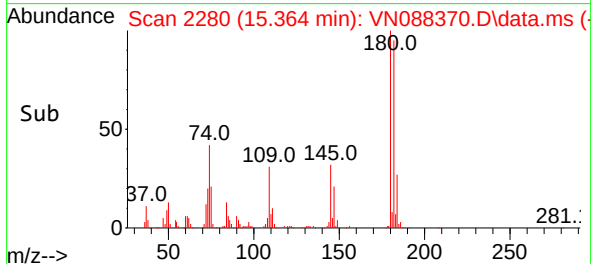
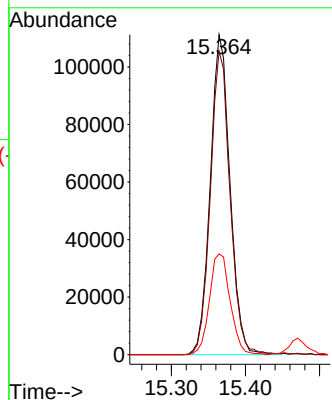
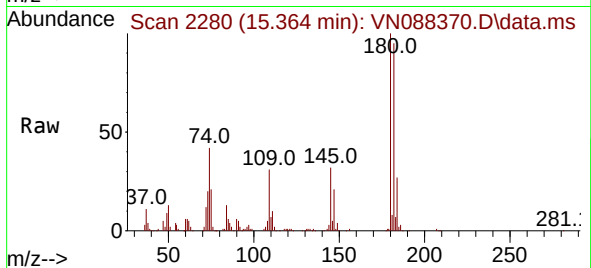
145 33.0 16.7 50.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/02/2025

Supervised By :Mahesh Dadoda 12/02/2025



#94

Hexachlorobutadiene

Concen: 53.442 ug/l

RT: 15.470 min Scan# 2298

Delta R.T. 0.000 min

Lab File: VN088370.D

Acq: 01 Dec 2025 09:58

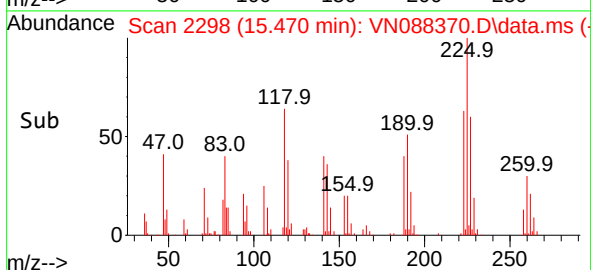
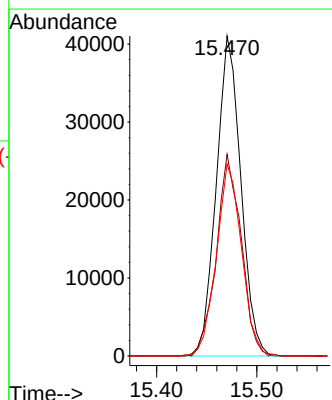
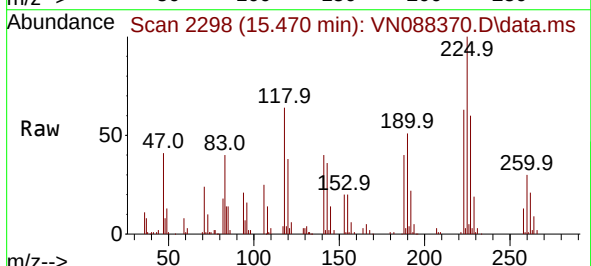
Tgt Ion:225 Resp: 69826

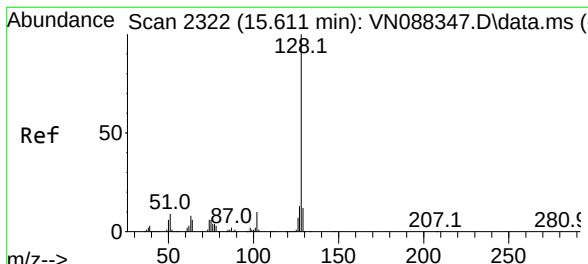
Ion Ratio Lower Upper

225 100

223 63.6 32.3 96.8

227 61.6 29.9 89.8





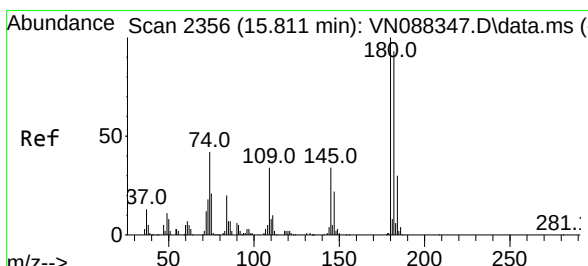
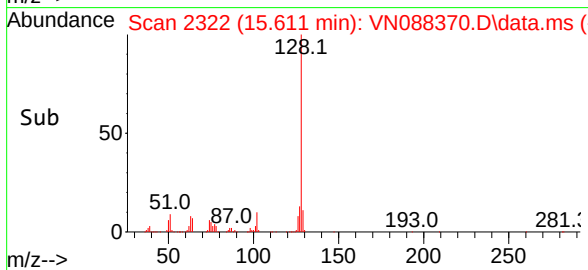
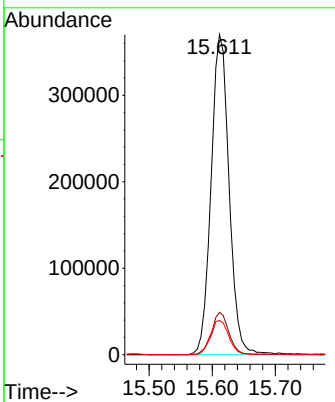
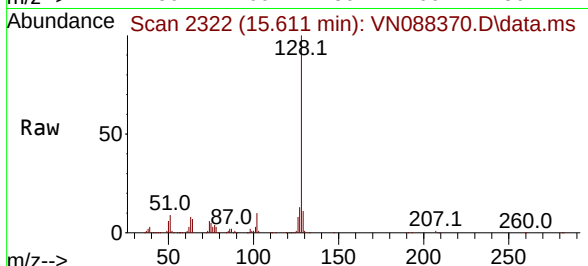
#95
 Naphthalene
 Concen: 58.123 ug/l
 RT: 15.611 min Scan# 2322
 Delta R.T. 0.000 min
 Lab File: VN088370.D
 Acq: 01 Dec 2025 09:58

Instrument : MSVOA_N
 ClientSampleId : VSTDCCC050

Tgt Ion:	128	Resp:	73231
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.4	15.6
129	10.9	9.0	13.6

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#96
 1,2,3-Trichlorobenzene
 Concen: 55.205 ug/l
 RT: 15.811 min Scan# 2356
 Delta R.T. 0.000 min
 Lab File: VN088370.D
 Acq: 01 Dec 2025 09:58

Tgt Ion:	180	Resp:	195344
Ion Ratio	Lower	Upper	
180	100		
182	96.3	45.9	137.7
145	35.7	17.8	53.4

