

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091625\
 Data File : VN087847.D
 Acq On : 16 Sep 2025 13:55
 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 09/17/2025
 Supervised By : Mahesh Dadoda 09/18/2025

Quant Time: Sep 17 01:19:11 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 22 02:55:42 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	239136	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	433645	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	409197	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	226483	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	263710	53.823	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.640%			
35) Dibromofluoromethane	8.147	113	198358	63.355	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 126.700%#			
50) Toluene-d8	10.547	98	693078	59.144	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 118.280%#			
62) 4-Bromofluorobenzene	12.829	95	266909	64.046	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 128.100%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.142	85	176013	51.823	ug/l	99
3) Chloromethane	2.383	50	174247	49.922	ug/l	95
4) Vinyl Chloride	2.536	62	196704	48.605	ug/l	99
5) Bromomethane	2.954	94	119010	56.992	ug/l	93
6) Chloroethane	3.130	64	132207	46.480	ug/l	93
7) Trichlorofluoromethane	3.501	101	302201	50.968	ug/l	98
8) Diethyl Ether	3.953	74	121893	47.204	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.359	101	166711	49.690	ug/l	97
10) Methyl Iodide	4.577	142	125052	49.892	ug/l	91
11) Tert butyl alcohol	5.530	59	208783	245.456	ug/l	99
12) 1,1-Dichloroethene	4.330	96	163096	47.305	ug/l	94
13) Acrolein	4.177	56	320278	306.284	ug/l	98
14) Allyl chloride	5.012	41	314832	50.391	ug/l	90
15) Acrylonitrile	5.706	53	605404	252.369	ug/l	98
16) Acetone	4.424	43	584245	219.048	ug/l	98
17) Carbon Disulfide	4.695	76	474332	49.974	ug/l	98
18) Methyl Acetate	5.012	43	298186	53.395	ug/l	97
19) Methyl tert-butyl Ether	5.789	73	663246	51.280	ug/l	99
20) Methylene Chloride	5.259	84	201058	52.170	ug/l	98
21) trans-1,2-Dichloroethene	5.771	96	180140	48.209	ug/l	98
22) Diisopropyl ether	6.659	45	664049	49.251	ug/l	98
23) Vinyl Acetate	6.589	43	3041175	247.925	ug/l	98
24) 1,1-Dichloroethane	6.547	63	353124	47.768	ug/l	99
25) 2-Butanone	7.471	43	851474	242.652	ug/l	100
26) 2,2-Dichloropropane	7.471	77	307392	48.448	ug/l	100
27) cis-1,2-Dichloroethene	7.471	96	222747	49.864	ug/l	98
28) Bromochloromethane	7.794	49	245962	68.823	ug/l	94
29) Tetrahydrofuran	7.824	42	567261	251.193	ug/l	100
30) Chloroform	7.947	83	380295	50.401	ug/l	98
31) Cyclohexane	8.236	56	294041	47.712	ug/l	98
32) 1,1,1-Trichloroethane	8.153	97	312119	48.810	ug/l	97
36) 1,1-Dichloropropene	8.347	75	245212	51.052	ug/l	97
37) Ethyl Acetate	7.541	43	345834	52.691	ug/l	97
38) Carbon Tetrachloride	8.347	117	265088	55.898	ug/l	97
39) Methylcyclohexane	9.583	83	291228	55.073	ug/l	96
40) Benzene	8.588	78	779652	52.922	ug/l	99

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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)
41) Methacrylonitrile	7.759	41	178403	52.473	ug/l	98
42) 1,2-Dichloroethane	8.653	62	299001	52.815	ug/l	99
43) Isopropyl Acetate	8.677	43	547228	53.402	ug/l	98
44) Trichloroethene	9.335	130	184521	54.860	ug/l	94
45) 1,2-Dichloropropane	9.600	63	203980	52.528	ug/l	100
46) Dibromomethane	9.688	93	155428	56.246	ug/l	96
47) Bromodichloromethane	9.871	83	315780	55.758	ug/l	99
48) Methyl methacrylate	9.665	41	258081	53.245	ug/l	96
49) 1,4-Dioxane	9.688	88	73308	1166.875	ug/l #	98
51) 4-Methyl-2-Pentanone	10.424	43	1693751	273.953	ug/l	98
52) Toluene	10.612	92	495572	54.261	ug/l	100
53) t-1,3-Dichloropropene	10.818	75	332853	56.779	ug/l	99
54) cis-1,3-Dichloropropene	10.294	75	341604	56.121	ug/l	96
55) 1,1,2-Trichloroethane	10.994	97	202706	57.374	ug/l	97
56) Ethyl methacrylate	10.859	69	327855	58.065	ug/l	96
57) 1,3-Dichloropropane	11.141	76	345485	55.253	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.141	63	782005	255.885	ug/l	97
59) 2-Hexanone	11.177	43	1154791	295.539	ug/l	98
60) Dibromochloromethane	11.341	129	235020	57.409	ug/l	98
61) 1,2-Dibromoethane	11.447	107	215454	57.833	ug/l	99
64) Tetrachloroethene	11.082	164	152293	53.644	ug/l	95
65) Chlorobenzene	11.871	112	542528	53.293	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.941	131	198995	58.880	ug/l	99
67) Ethyl Benzene	11.941	91	960475	54.491	ug/l	99
68) m/p-Xylenes	12.047	106	731633	113.180	ug/l	95
69) o-Xylene	12.376	106	352248	55.603	ug/l	98
70) Styrene	12.388	104	615294	57.974	ug/l	99
71) Bromoform	12.559	173	165142	63.713	ug/l #	98
73) Isopropylbenzene	12.676	105	909235	49.681	ug/l	99
74) N-amyl acetate	12.506	43	298290m	43.009	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.918	83	317356	50.367	ug/l	99
76) 1,2,3-Trichloropropane	12.971	75	256155m	48.230	ug/l	
77) Bromobenzene	12.959	156	228891	53.044	ug/l	93
78) n-propylbenzene	13.012	91	1139368	50.543	ug/l	98
79) 2-Chlorotoluene	13.106	91	672391	49.565	ug/l	99
80) 1,3,5-Trimethylbenzene	13.153	105	792404	51.039	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.718	75	107938	53.803	ug/l #	80
82) 4-Chlorotoluene	13.200	91	701460	49.180	ug/l	96
83) tert-Butylbenzene	13.418	119	674001	52.096	ug/l	97
84) 1,2,4-Trimethylbenzene	13.459	105	808453	52.018	ug/l	100
85) sec-Butylbenzene	13.594	105	1007598	52.481	ug/l	98
86) p-Isopropyltoluene	13.706	119	841554	53.083	ug/l	99
87) 1,3-Dichlorobenzene	13.712	146	445525	52.429	ug/l	98
88) 1,4-Dichlorobenzene	13.788	146	456948	51.672	ug/l	98
89) n-Butylbenzene	14.035	91	834441	52.997	ug/l	99
90) Hexachloroethane	14.312	117	165831	54.904	ug/l	94
91) 1,2-Dichlorobenzene	14.082	146	426983	52.963	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.694	75	74222	49.587	ug/l	91
93) 1,2,4-Trichlorobenzene	15.370	180	273253	56.445	ug/l	98
94) Hexachlorobutadiene	15.476	225	103689	60.079	ug/l	100
95) Naphthalene	15.612	128	923574	53.862	ug/l	100
96) 1,2,3-Trichlorobenzene	15.812	180	262091	55.379	ug/l	97

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

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

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ClientSampleId :

VSTDCCC050

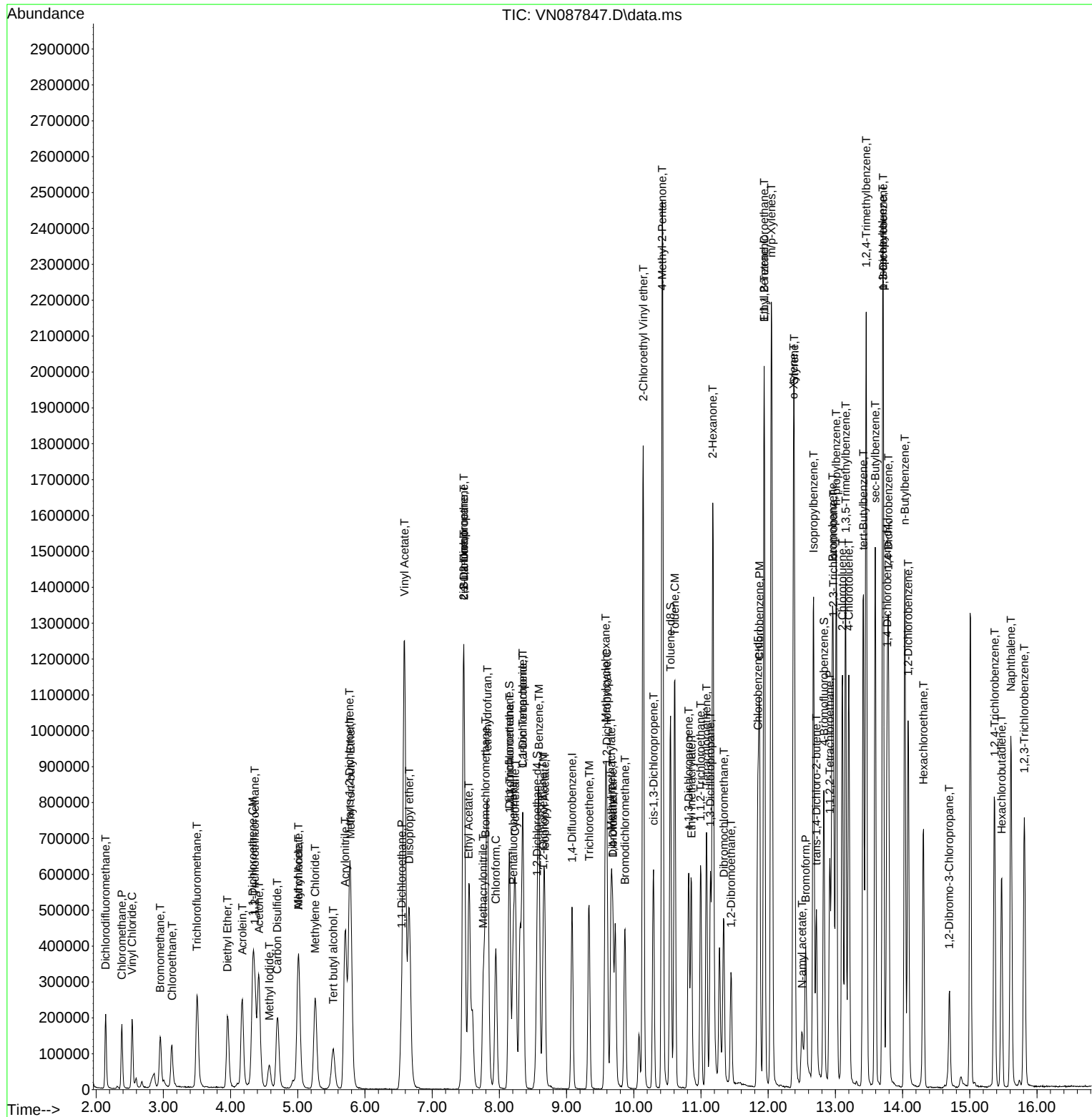
Manual Integrations

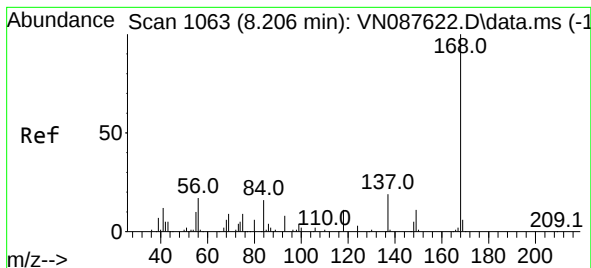
APPROVED

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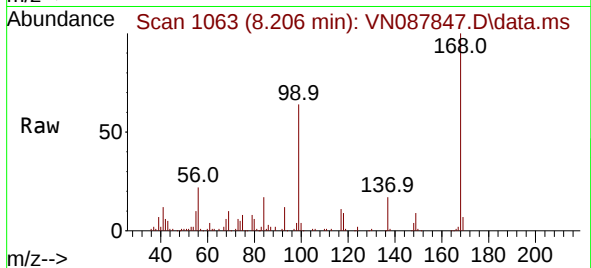
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VN087847.D
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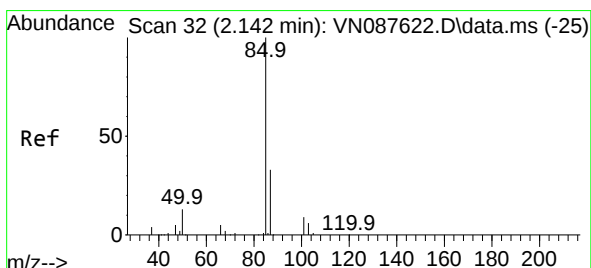
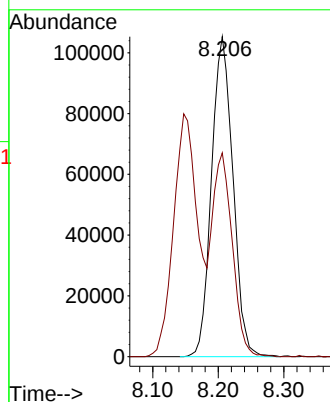
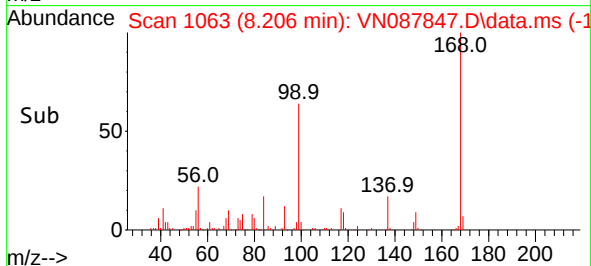
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 239130
Ion Ratio Lower Upper
168 100
99 63.7 57.2 85.8

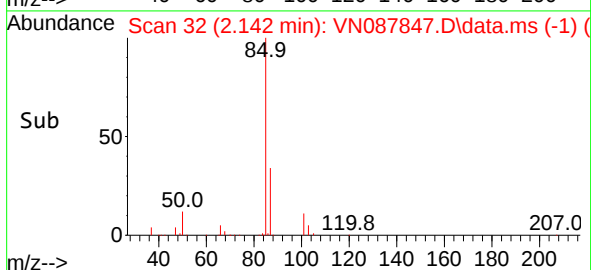
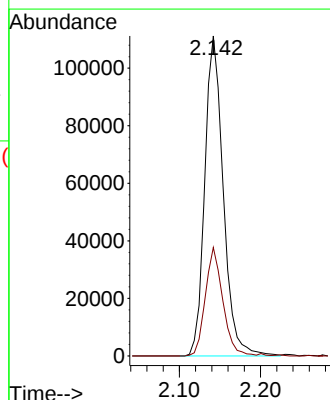
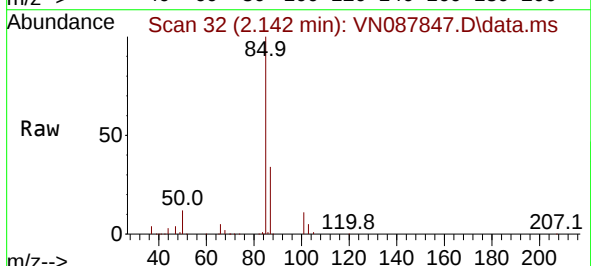
Manual Integrations
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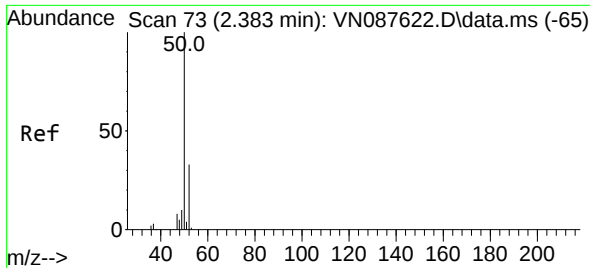
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025



#2
Dichlorodifluoromethane
Concen: 51.823 ug/l
RT: 2.142 min Scan# 32
Delta R.T. -0.000 min
Lab File: VN087847.D
Acq: 16 Sep 2025 13:55

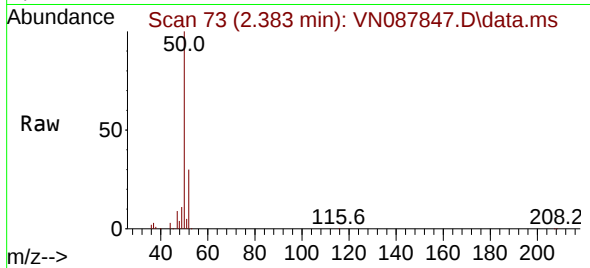
Tgt Ion: 85 Resp: 176013
Ion Ratio Lower Upper
85 100
87 33.9 16.6 49.8





#3
Chloromethane
Concen: 49.922 ug/l
RT: 2.383 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN087847.D
Acq: 16 Sep 2025 13:55

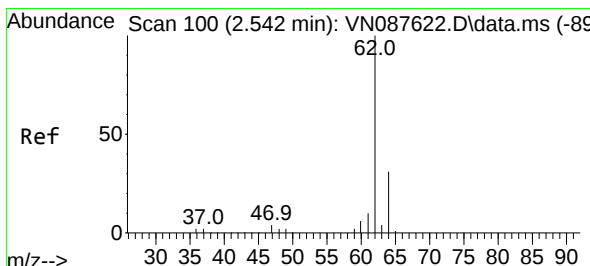
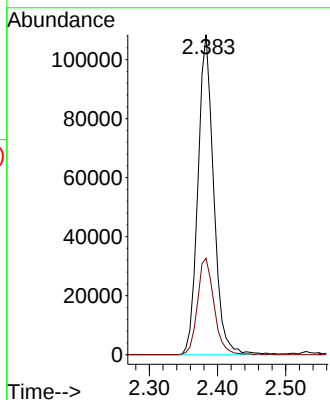
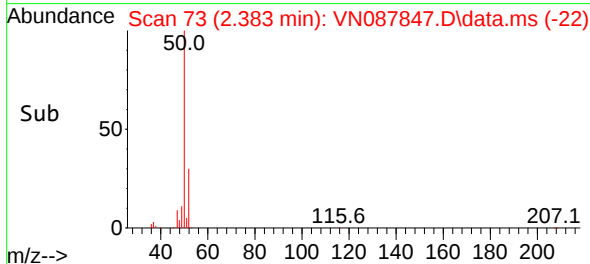
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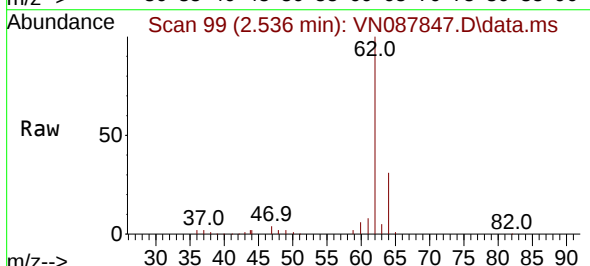
Tgt Ion: 50 Resp: 17424
Ion Ratio Lower Upper
50 100
52 30.1 26.2 39.4

Manual Integrations
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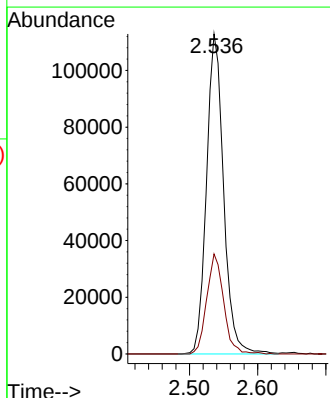
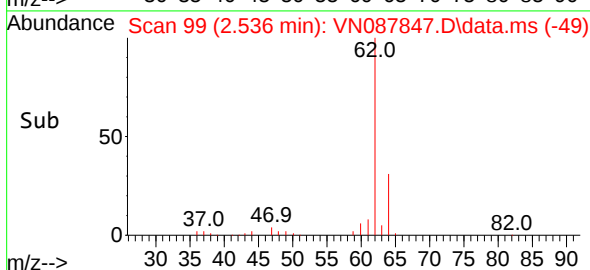
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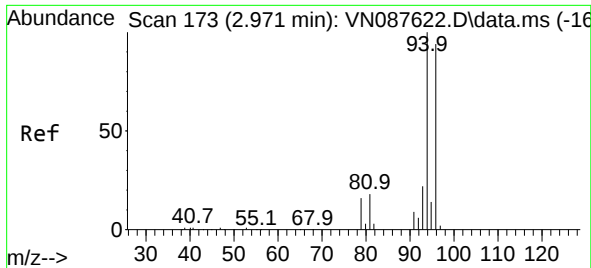


#4
Vinyl Chloride
Concen: 48.605 ug/l
RT: 2.536 min Scan# 99
Delta R.T. -0.006 min
Lab File: VN087847.D
Acq: 16 Sep 2025 13:55



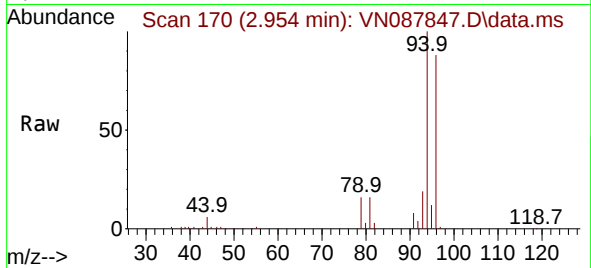
Tgt Ion: 62 Resp: 196704
Ion Ratio Lower Upper
62 100
64 31.3 24.6 37.0





#5
Bromomethane
Concen: 56.992 ug/l
RT: 2.954 min Scan# 11
Delta R.T. -0.018 min
Lab File: VN087847.D
Acq: 16 Sep 2025 13:55

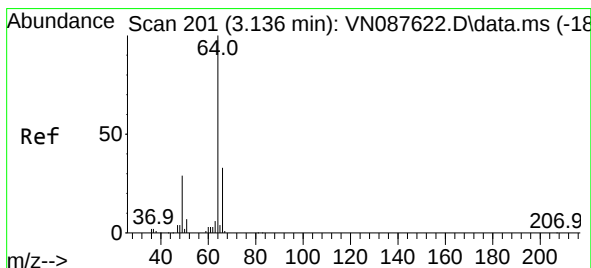
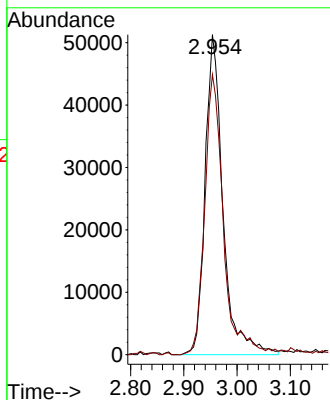
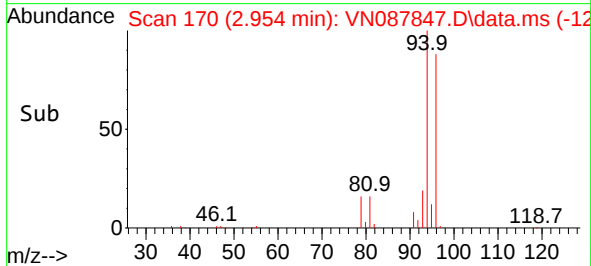
Instrument :
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Tgt Ion: 94 Resp: 119010
Ion Ratio Lower Upper
94 100
96 87.5 75.4 113.2

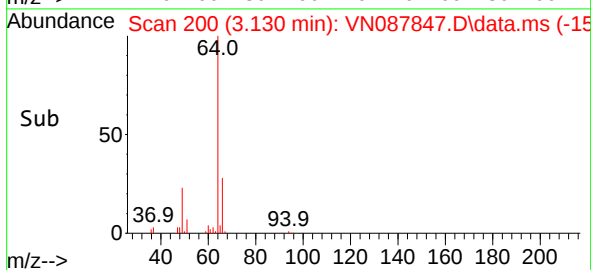
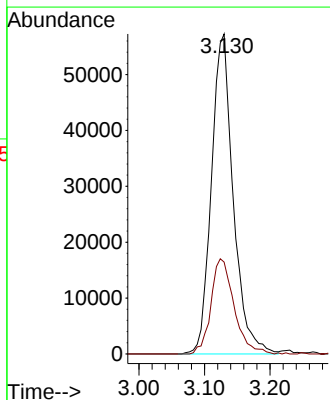
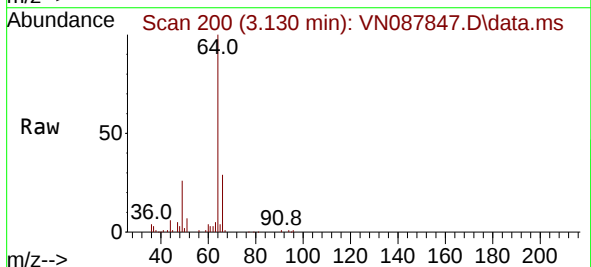
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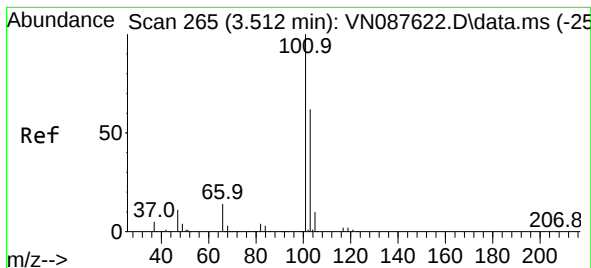
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025



#6
Chloroethane
Concen: 46.480 ug/l
RT: 3.130 min Scan# 200
Delta R.T. -0.006 min
Lab File: VN087847.D
Acq: 16 Sep 2025 13:55

Tgt Ion: 64 Resp: 132207
Ion Ratio Lower Upper
64 100
66 28.7 26.2 39.2





#7

Trichlorofluoromethane

Concen: 50.968 ug/l

RT: 3.501 min Scan# 2

Delta R.T. -0.012 min

Lab File: VN087847.D

Acq: 16 Sep 2025 13:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:101 Resp: 30220

Ion Ratio Lower Upper

101 100

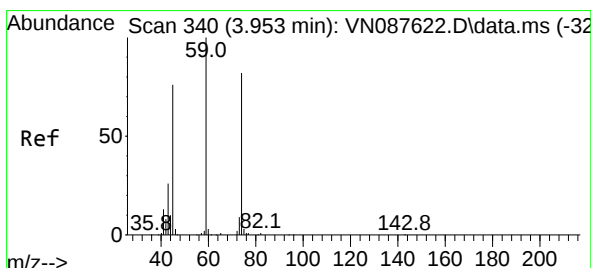
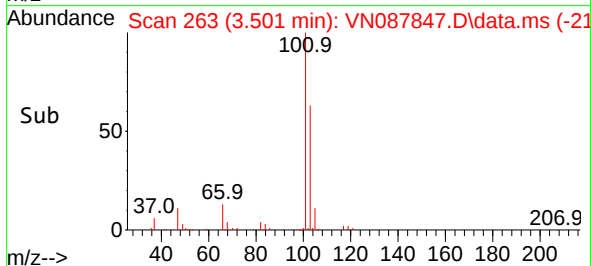
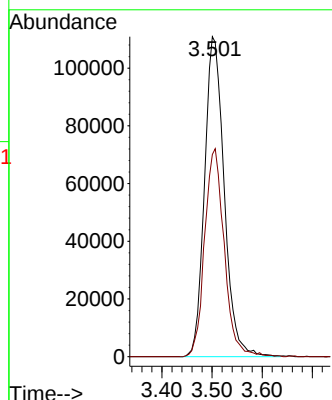
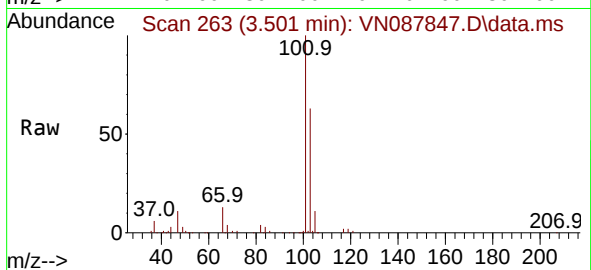
103 63.2 49.4 74.0

Manual Integrations

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#8

Diethyl Ether

Concen: 47.204 ug/l

RT: 3.953 min Scan# 340

Delta R.T. -0.000 min

Lab File: VN087847.D

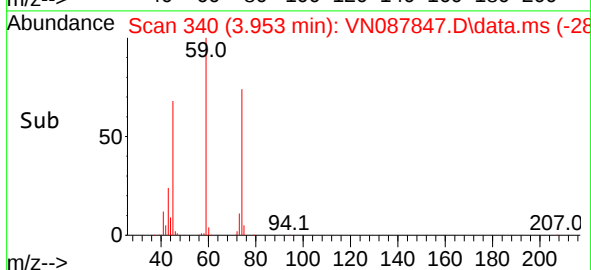
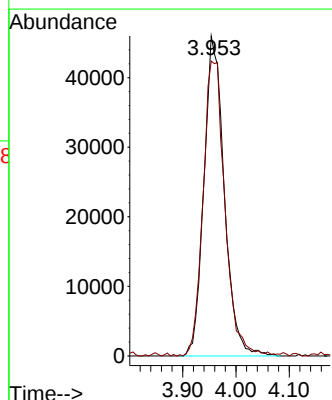
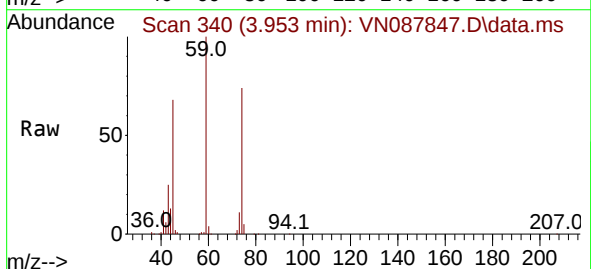
Acq: 16 Sep 2025 13:55

Tgt Ion: 74 Resp: 121893

Ion Ratio Lower Upper

74 100

45 99.2 50.6 151.9





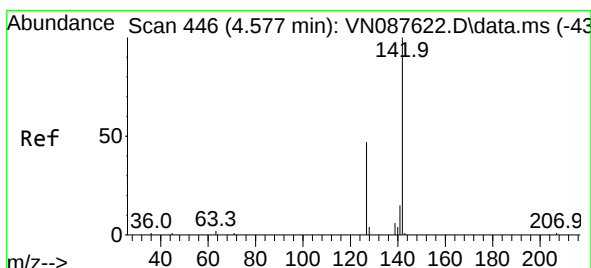
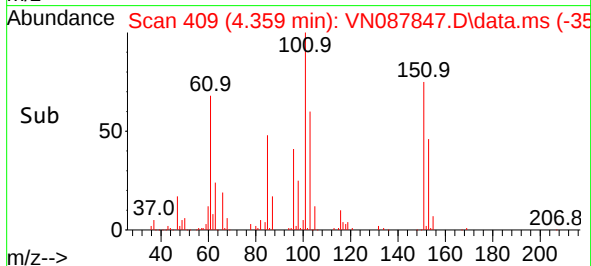
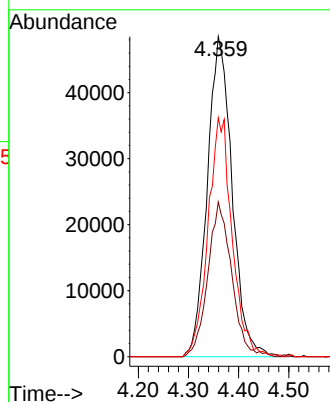
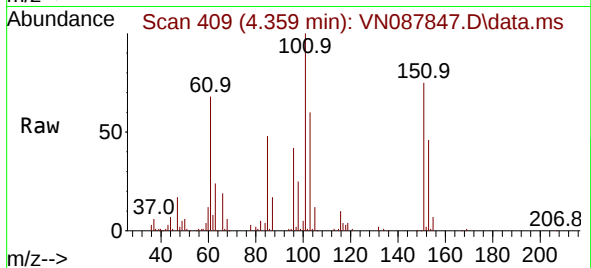
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.690 ug/l
RT: 4.359 min Scan# 409
Delta R.T. -0.006 min
Lab File: VN087847.D
Acq: 16 Sep 2025 13:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 16671
Ion Ratio Lower Upper
101 100
85 46.3 36.6 55.0
151 72.7 54.7 82.1

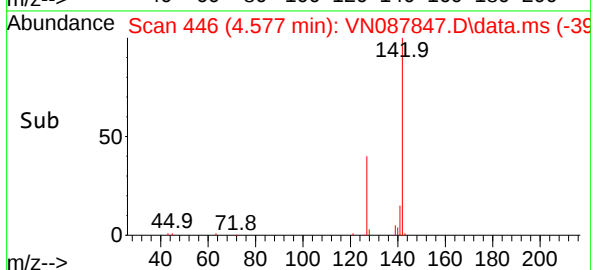
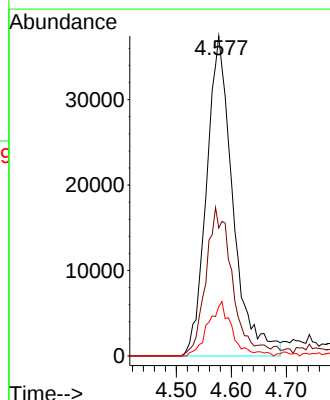
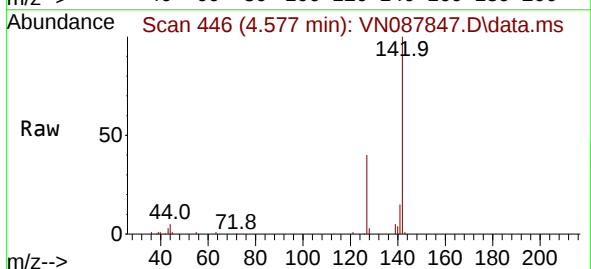
Manual Integrations
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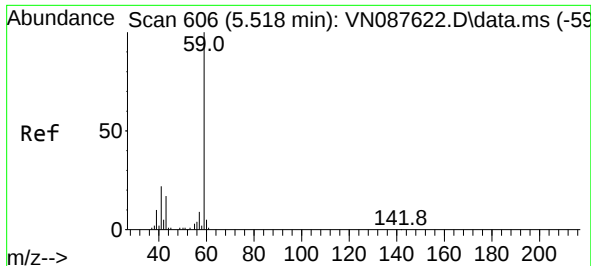
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025



#10
Methyl Iodide
Concen: 49.892 ug/l
RT: 4.577 min Scan# 446
Delta R.T. -0.000 min
Lab File: VN087847.D
Acq: 16 Sep 2025 13:55

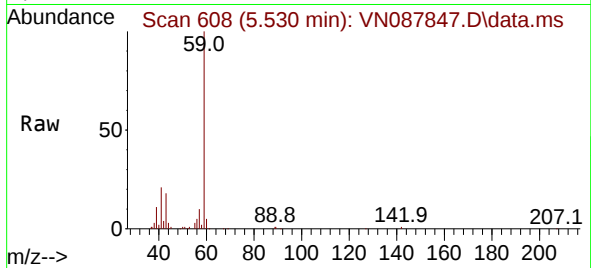
Tgt Ion:142 Resp: 125052
Ion Ratio Lower Upper
142 100
127 40.0 38.0 57.0
141 15.4 12.0 18.0





#11
Tert butyl alcohol
Concen: 245.456 ug/l
RT: 5.530 min Scan# 606
Delta R.T. 0.012 min
Lab File: VN087847.D
Acq: 16 Sep 2025 13:55

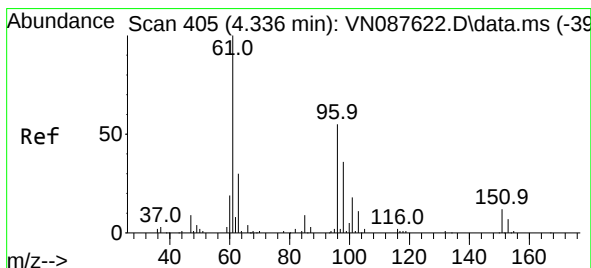
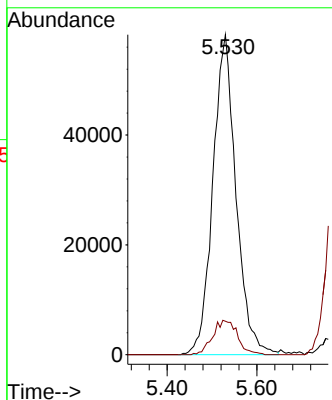
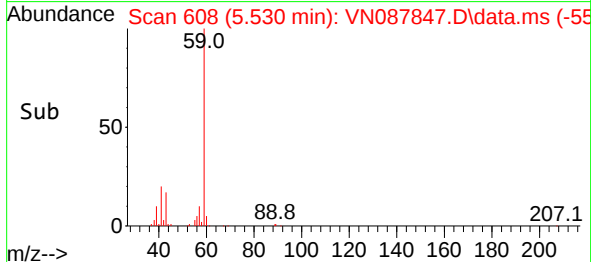
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 59 Resp: 208783
Ion Ratio Lower Upper
59 100
57 11.5 9.0 13.4

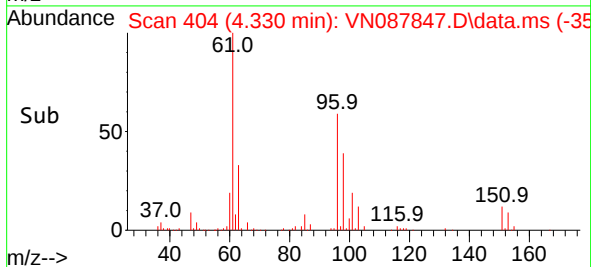
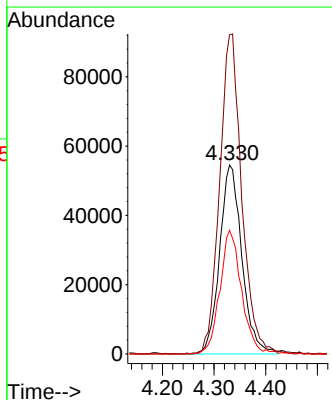
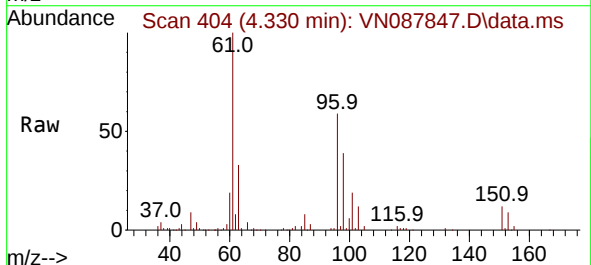
Manual Integrations
APPROVED

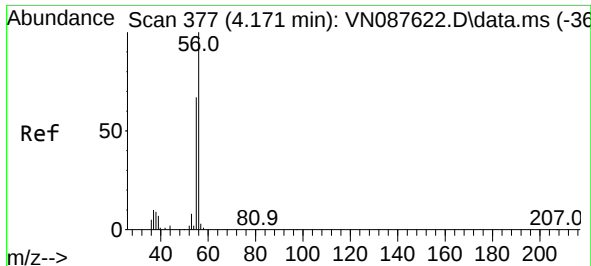
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025



#12
1,1-Dichloroethene
Concen: 47.305 ug/l
RT: 4.330 min Scan# 404
Delta R.T. -0.006 min
Lab File: VN087847.D
Acq: 16 Sep 2025 13:55

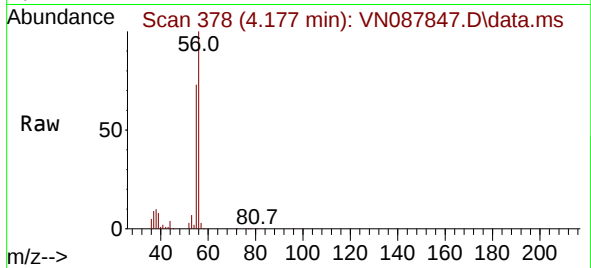
Tgt Ion: 96 Resp: 163096
Ion Ratio Lower Upper
96 100
61 168.9 143.8 215.8
98 65.5 52.1 78.1





#13
Acrolein
Concen: 306.284 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN087847.D
Acq: 16 Sep 2025 13:55

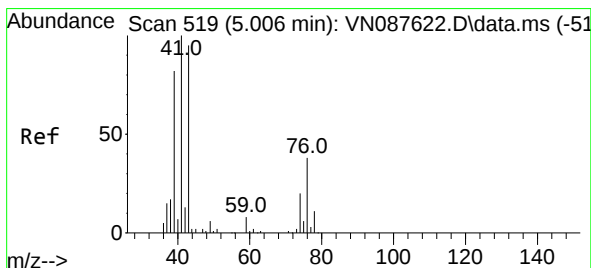
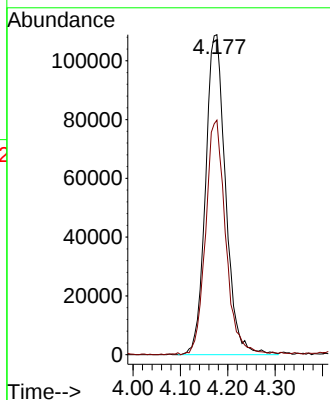
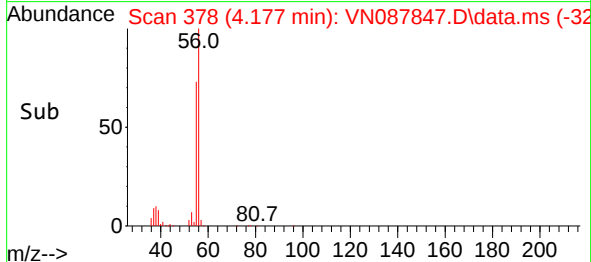
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 320278
Ion Ratio Lower Upper
56 100
55 73.2 57.3 85.9

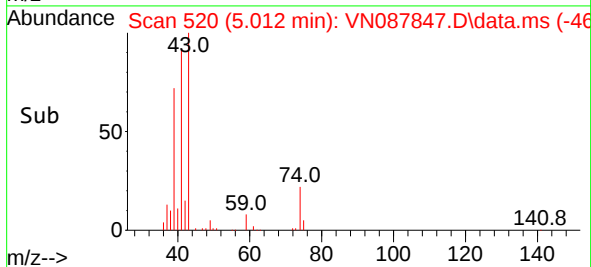
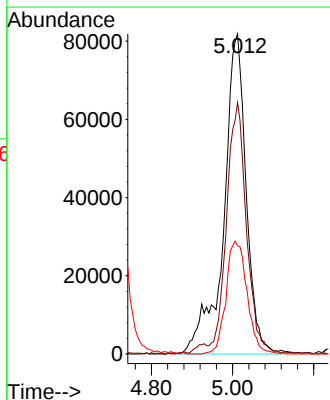
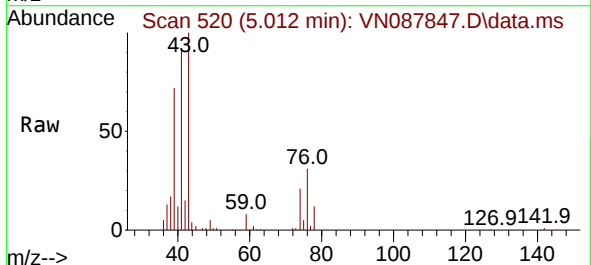
Manual Integrations
APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025



#14
Allyl chloride
Concen: 50.391 ug/l
RT: 5.012 min Scan# 520
Delta R.T. 0.006 min
Lab File: VN087847.D
Acq: 16 Sep 2025 13:55

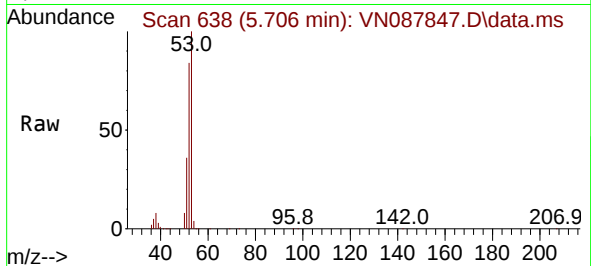
Tgt Ion: 41 Resp: 314832
Ion Ratio Lower Upper
41 100
39 68.7 63.9 95.9
76 33.0 28.1 42.1





#15
Acrylonitrile
Concen: 252.369 ug/l
RT: 5.706 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN087847.D
Acq: 16 Sep 2025 13:55

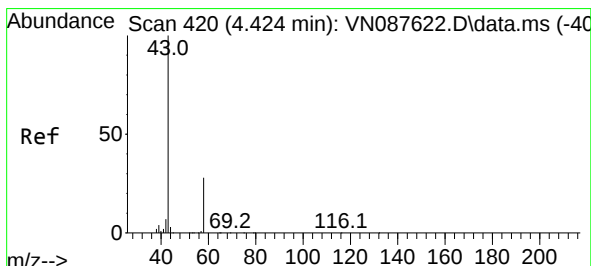
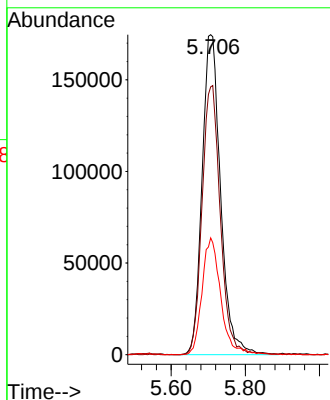
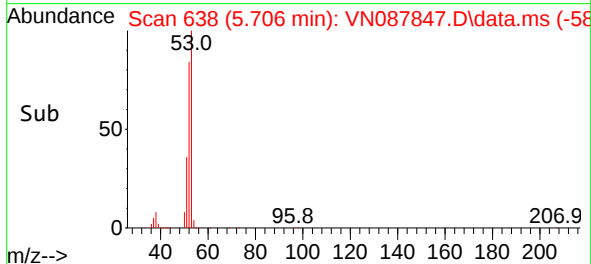
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



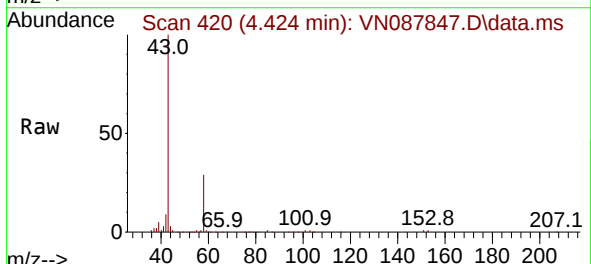
Tgt Ion: 53 Resp: 605404
Ion Ratio Lower Upper
53 100
52 83.0 67.6 101.4
51 36.9 30.1 45.1

Manual Integrations
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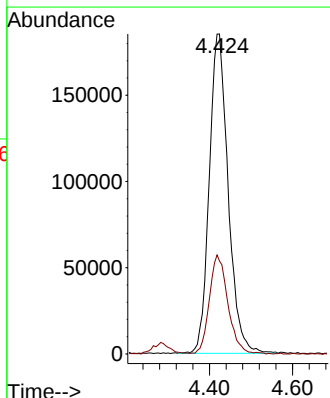
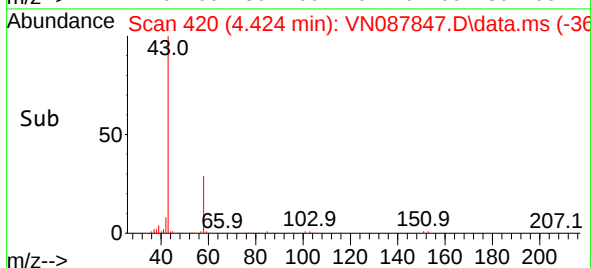
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

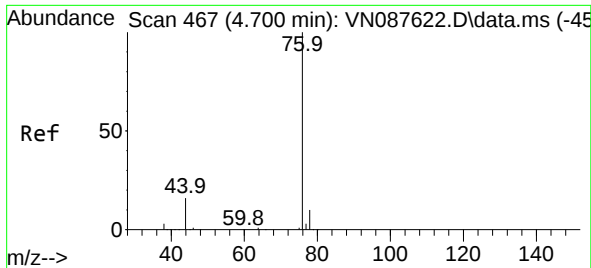


#16
Acetone
Concen: 219.048 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN087847.D
Acq: 16 Sep 2025 13:55



Tgt Ion: 43 Resp: 584245
Ion Ratio Lower Upper
43 100
58 29.0 22.6 33.8





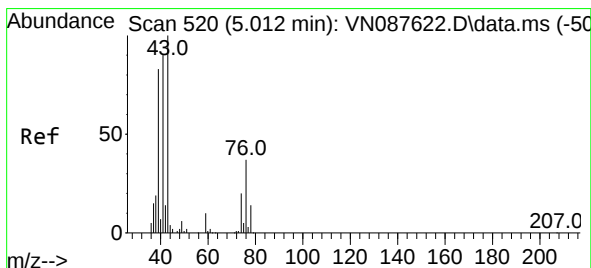
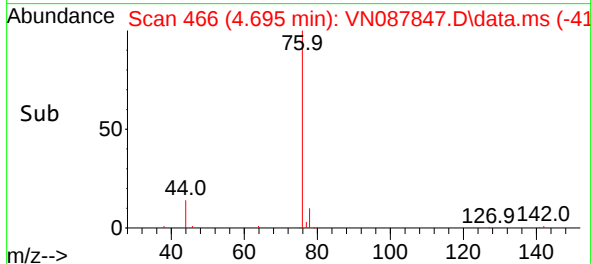
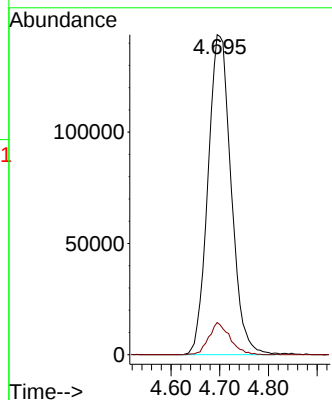
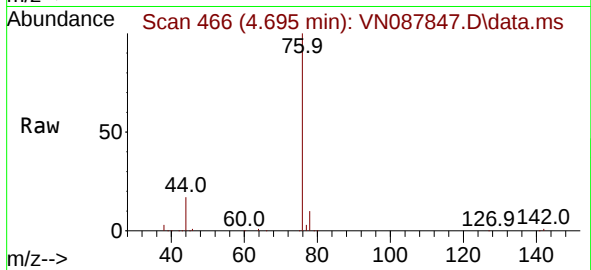
#17
Carbon Disulfide
Concen: 49.974 ug/l
RT: 4.695 min Scan# 40
Delta R.T. -0.006 min
Lab File: VN087847.D
Acq: 16 Sep 2025 13:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 47433
Ion Ratio Lower Upper
76 100
78 10.1 7.6 11.4

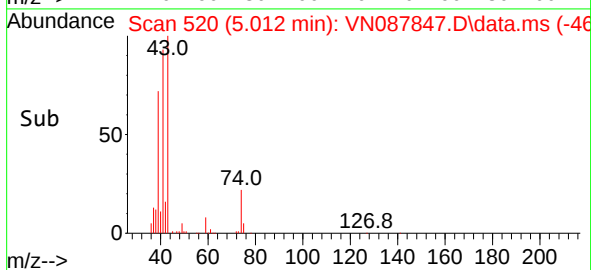
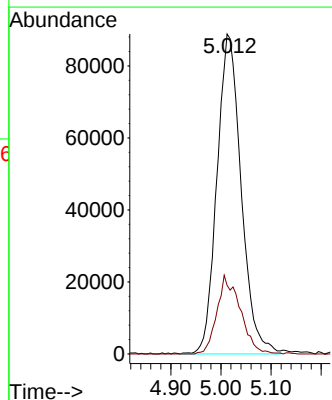
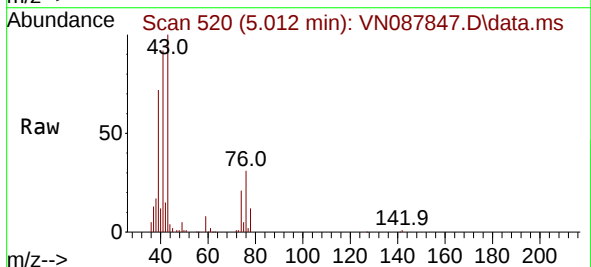
Manual Integrations
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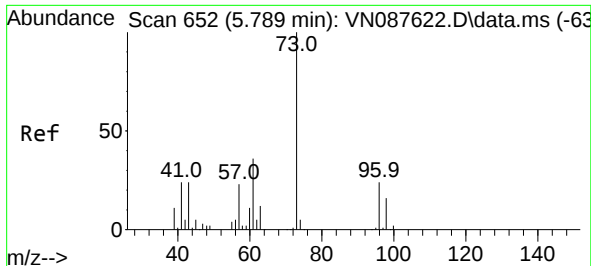
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025



#18
Methyl Acetate
Concen: 53.395 ug/l
RT: 5.012 min Scan# 520
Delta R.T. -0.000 min
Lab File: VN087847.D
Acq: 16 Sep 2025 13:55

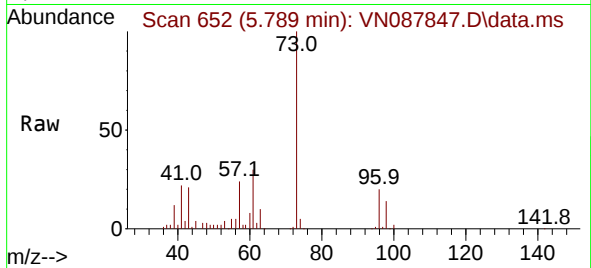
Tgt Ion: 43 Resp: 298186
Ion Ratio Lower Upper
43 100
74 23.7 17.6 26.4





#19
Methyl tert-butyl Ether
Concen: 51.280 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN087847.D
Acq: 16 Sep 2025 13:55

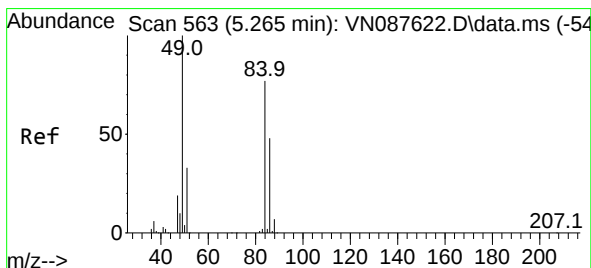
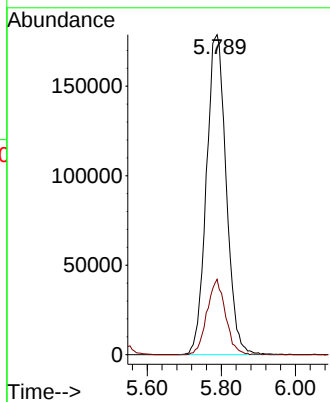
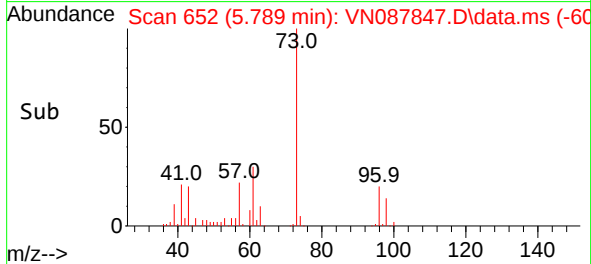
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 663240
Ion Ratio Lower Upper
73 100
57 23.6 18.4 27.6

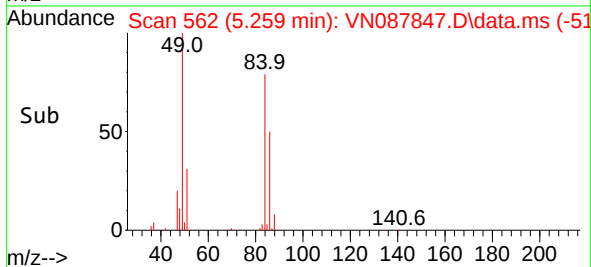
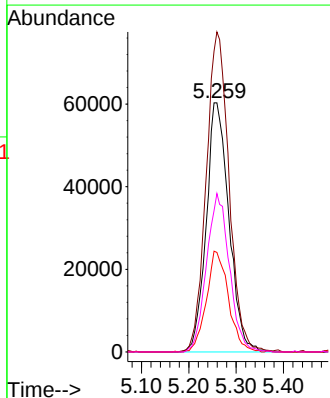
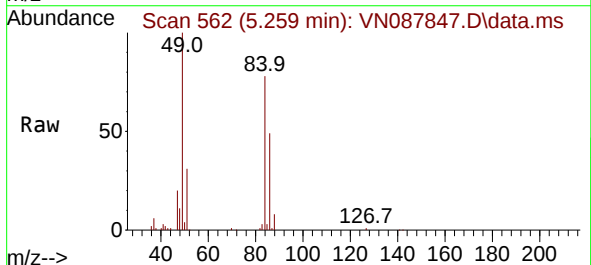
Manual Integrations
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Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025



#20
Methylene Chloride
Concen: 52.170 ug/l
RT: 5.259 min Scan# 562
Delta R.T. -0.006 min
Lab File: VN087847.D
Acq: 16 Sep 2025 13:55

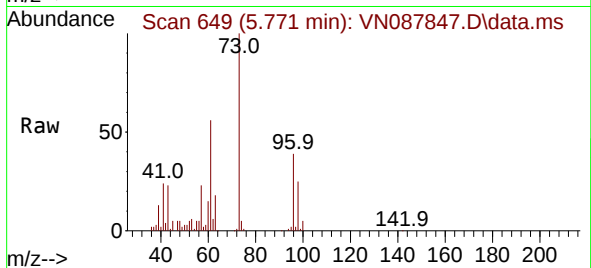
Tgt Ion: 84 Resp: 201058
Ion Ratio Lower Upper
84 100
49 128.5 103.4 155.2
51 39.9 33.8 50.8
86 63.6 49.6 74.4





#21
trans-1,2-Dichloroethene
Concen: 48.209 ug/l
RT: 5.771 min Scan# 649
Delta R.T. -0.006 min
Lab File: VN087847.D
Acq: 16 Sep 2025 13:55

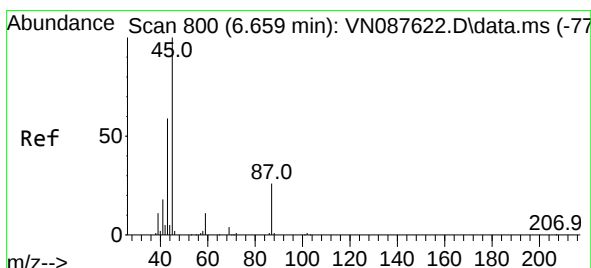
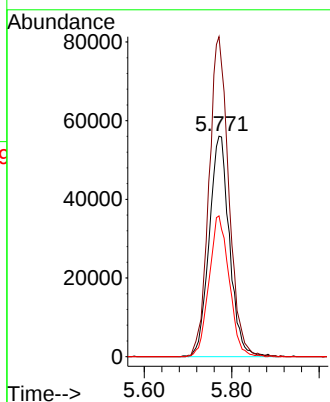
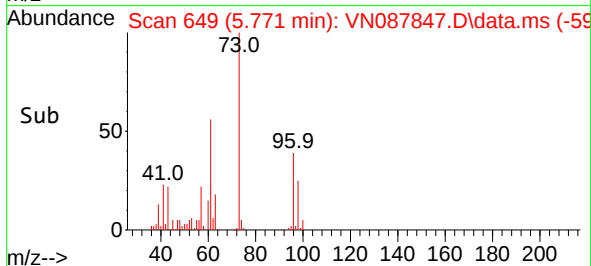
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 180140
Ion Ratio Lower Upper
96 100
61 145.2 118.0 177.0
98 63.9 50.0 75.0

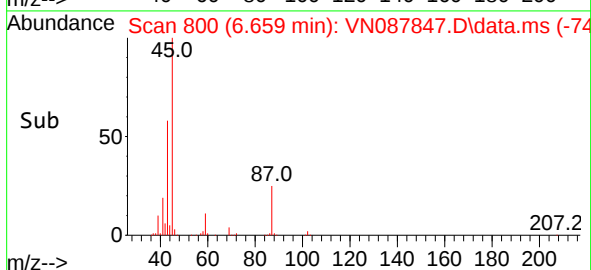
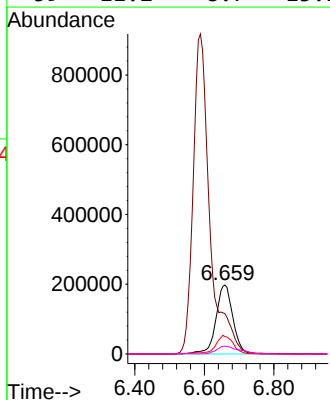
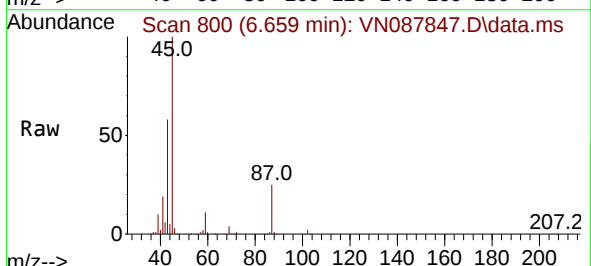
Manual Integrations
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Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025



#22
Diisopropyl ether
Concen: 49.251 ug/l
RT: 6.659 min Scan# 800
Delta R.T. -0.000 min
Lab File: VN087847.D
Acq: 16 Sep 2025 13:55

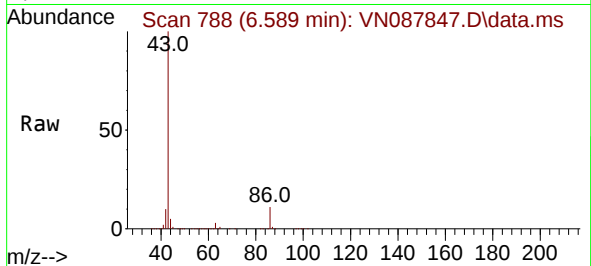
Tgt Ion: 45 Resp: 664049
Ion Ratio Lower Upper
45 100
43 58.0 47.7 71.5
87 25.0 21.4 32.0
59 11.2 8.7 13.1





#23
 Vinyl Acetate
 Concen: 247.925 ug/l
 RT: 6.589 min Scan# 788
 Delta R.T. -0.000 min
 Lab File: VN087847.D
 Acq: 16 Sep 2025 13:55

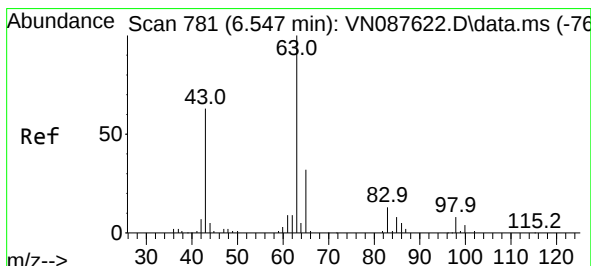
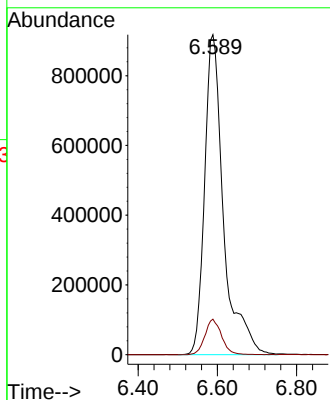
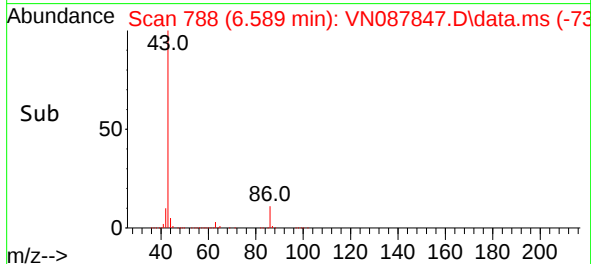
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



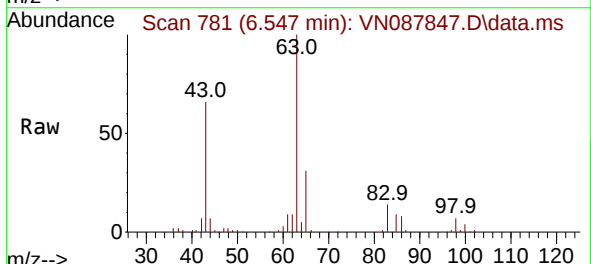
Tgt Ion: 43 Resp: 304117
 Ion Ratio Lower Upper
 43 100
 86 11.1 8.2 12.4

Manual Integrations
 APPROVED

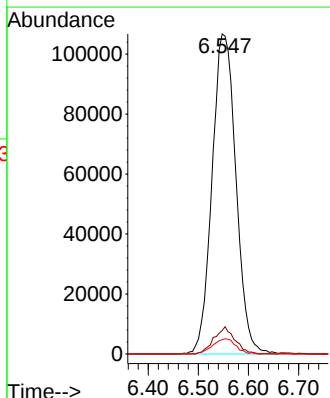
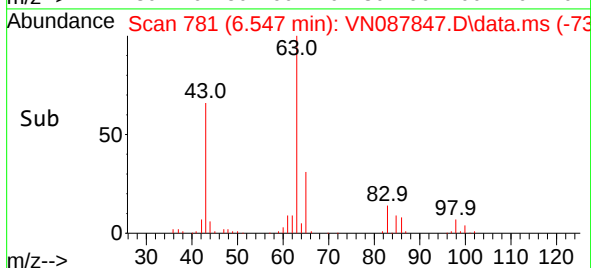
Reviewed By :John Carlone 09/17/2025
 Supervised By :Mahesh Dadoda 09/18/2025



#24
 1,1-Dichloroethane
 Concen: 47.768 ug/l
 RT: 6.547 min Scan# 781
 Delta R.T. -0.000 min
 Lab File: VN087847.D
 Acq: 16 Sep 2025 13:55



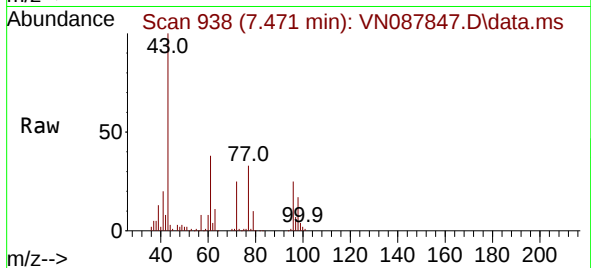
Tgt Ion: 63 Resp: 353124
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.8 11.4
 100 4.4 2.0 6.0





#25
2-Butanone
Concen: 242.652 ug/l
RT: 7.471 min Scan# 938
Delta R.T. 0.006 min
Lab File: VN087847.D
Acq: 16 Sep 2025 13:55

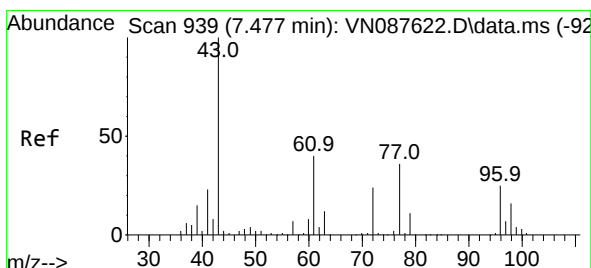
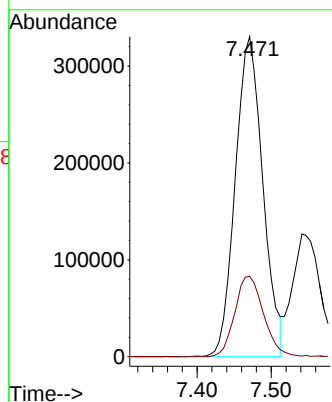
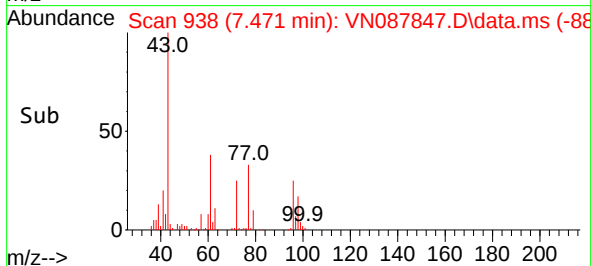
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 851474
Ion Ratio Lower Upper
43 100
72 25.1 19.9 29.9

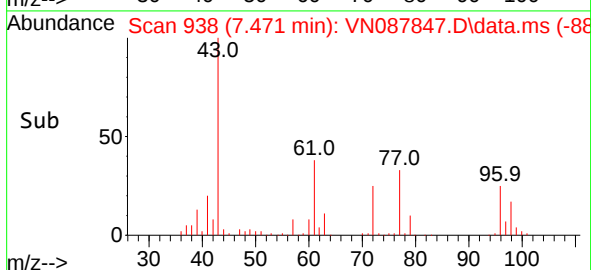
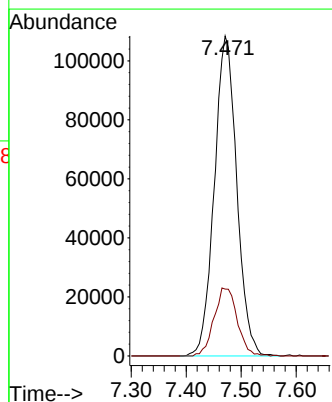
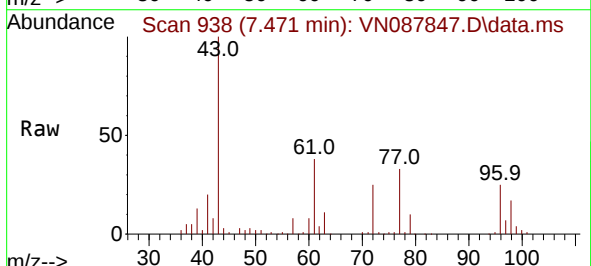
Manual Integrations
APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025



#26
2,2-Dichloropropane
Concen: 48.448 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.006 min
Lab File: VN087847.D
Acq: 16 Sep 2025 13:55

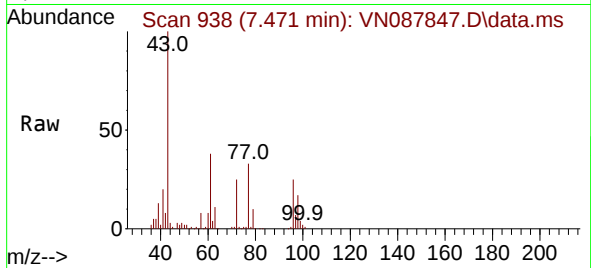
Tgt Ion: 77 Resp: 307392
Ion Ratio Lower Upper
77 100
97 21.9 10.9 32.7





#27
 cis-1,2-Dichloroethene
 Concen: 49.864 ug/l
 RT: 7.471 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VN087847.D
 Acq: 16 Sep 2025 13:55

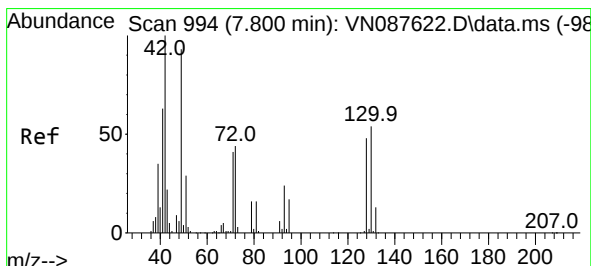
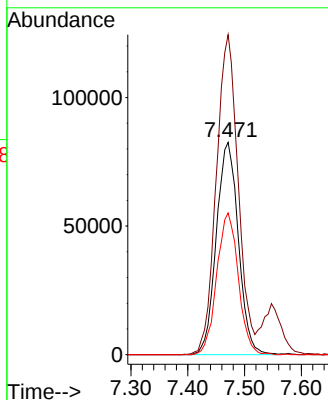
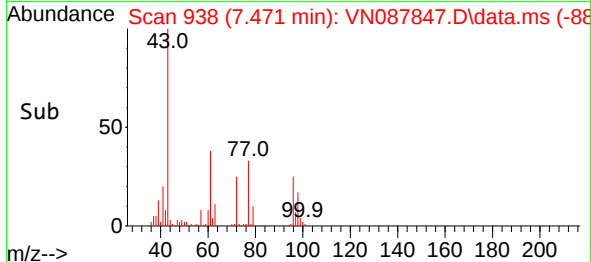
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



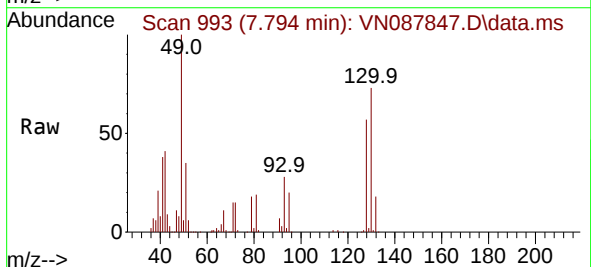
Tgt Ion: 96 Resp: 22274
 Ion Ratio Lower Upper
 96 100
 61 149.3 0.0 301.8
 98 65.3 0.0 126.2

Manual Integrations
 APPROVED

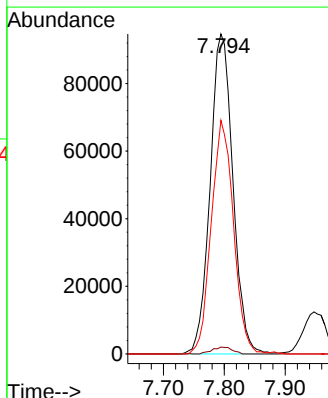
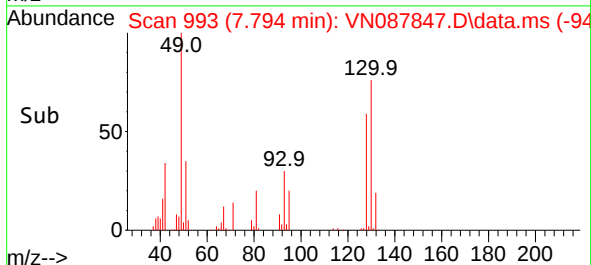
Reviewed By :John Carlone 09/17/2025
 Supervised By :Mahesh Dadoda 09/18/2025

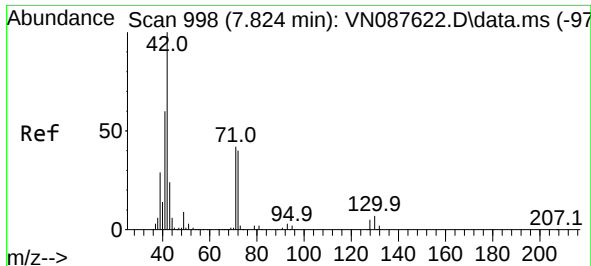


#28
 Bromochloromethane
 Concen: 68.823 ug/l
 RT: 7.794 min Scan# 993
 Delta R.T. -0.006 min
 Lab File: VN087847.D
 Acq: 16 Sep 2025 13:55



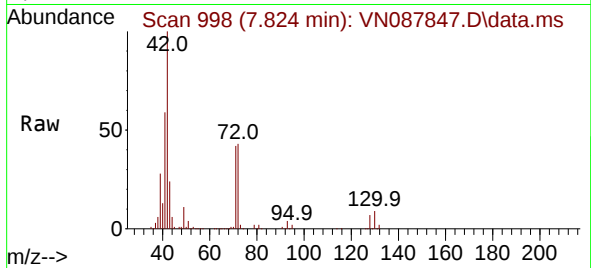
Tgt Ion: 49 Resp: 245962
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 3.0
 130 71.2 53.1 79.7





#29
Tetrahydrofuran
Concen: 251.193 ug/l
RT: 7.824 min Scan# 998
Delta R.T. -0.000 min
Lab File: VN087847.D
Acq: 16 Sep 2025 13:55

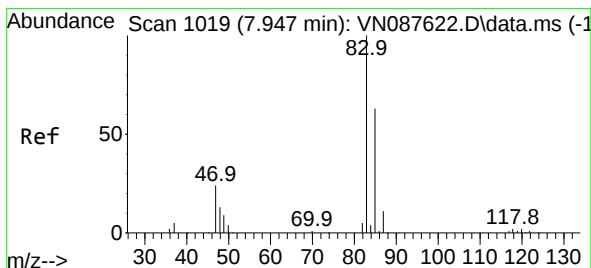
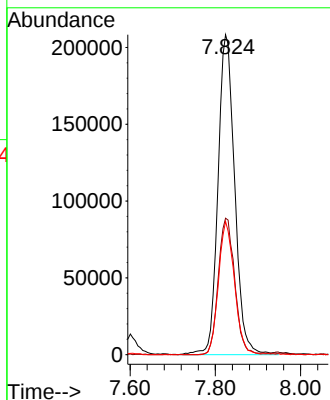
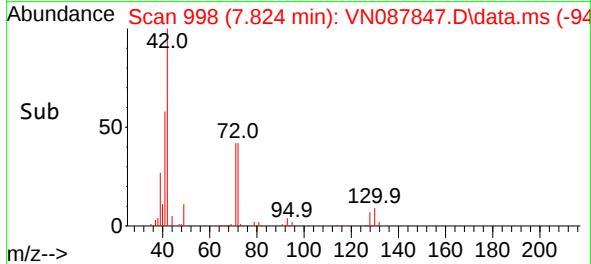
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



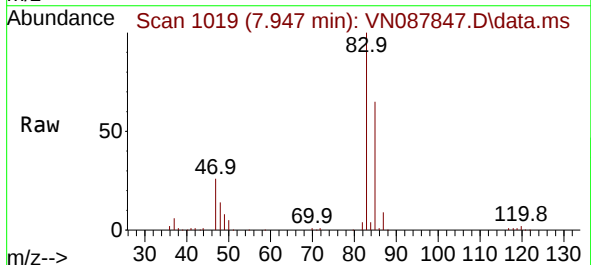
Tgt Ion: 42 Resp: 56726
Ion Ratio Lower Upper
42 100
72 41.9 33.7 50.5
71 39.7 31.9 47.9

Manual Integrations
APPROVED

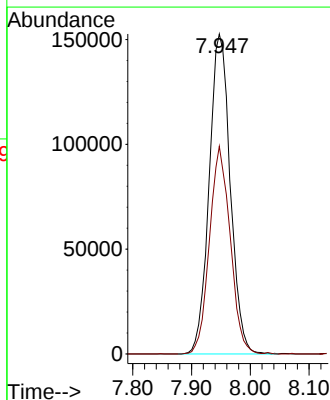
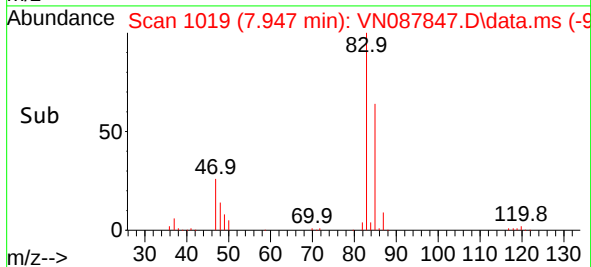
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

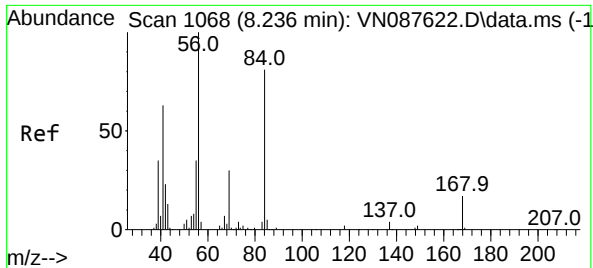


#30
Chloroform
Concen: 50.401 ug/l
RT: 7.947 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VN087847.D
Acq: 16 Sep 2025 13:55



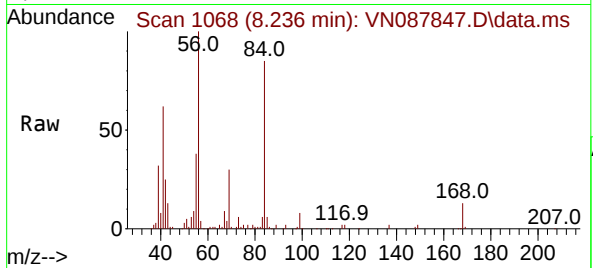
Tgt Ion: 83 Resp: 380295
Ion Ratio Lower Upper
83 100
85 64.9 50.7 76.1





#31
Cyclohexane
Concen: 47.712 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VN087847.D
Acq: 16 Sep 2025 13:55

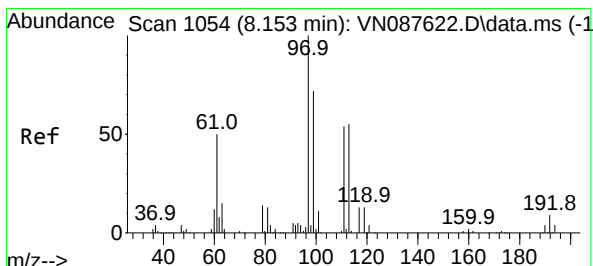
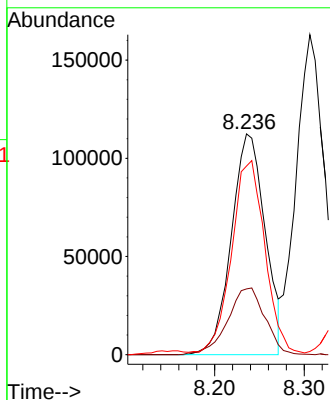
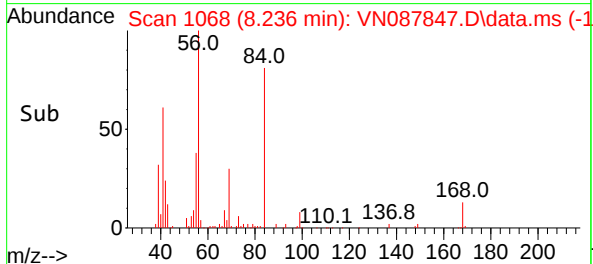
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



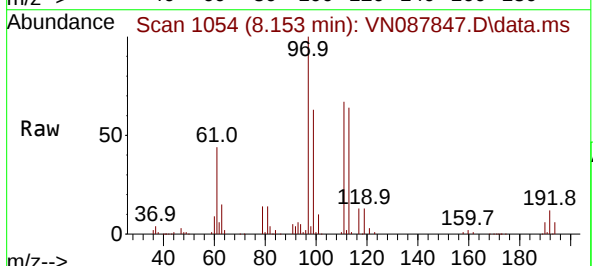
Tgt Ion: 56 Resp: 29404
Ion Ratio Lower Upper
56 100
69 29.8 23.7 35.5
84 83.7 64.7 97.1

Manual Integrations
APPROVED

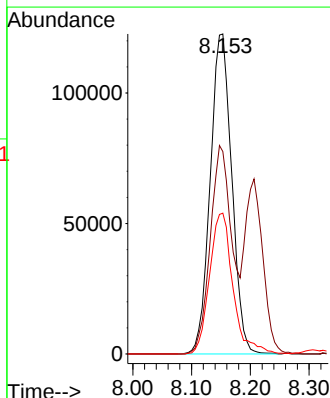
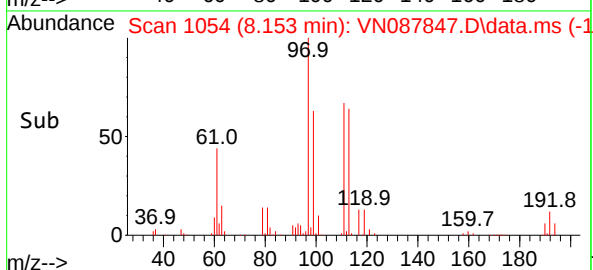
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

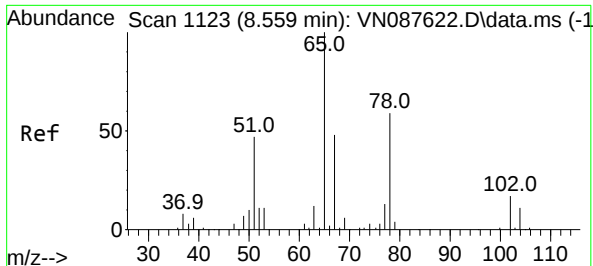


#32
1,1,1-Trichloroethane
Concen: 48.810 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. -0.000 min
Lab File: VN087847.D
Acq: 16 Sep 2025 13:55



Tgt Ion: 97 Resp: 312119
Ion Ratio Lower Upper
97 100
99 66.0 52.2 78.2
61 47.9 41.2 61.8





#33

1,2-Dichloroethane-d4

Concen: 53.823 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. -0.000 min

Lab File: VN087847.D

Acq: 16 Sep 2025 13:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 263710

Ion Ratio Lower Upper

65 100

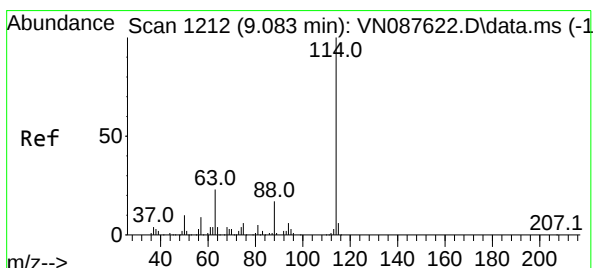
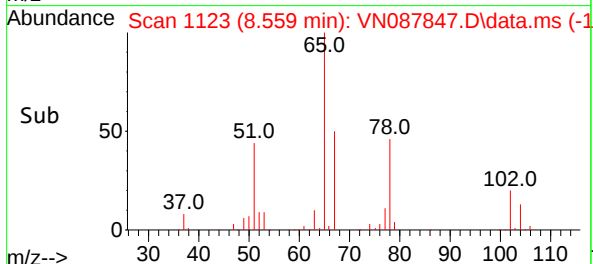
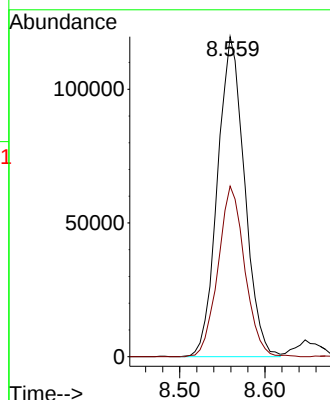
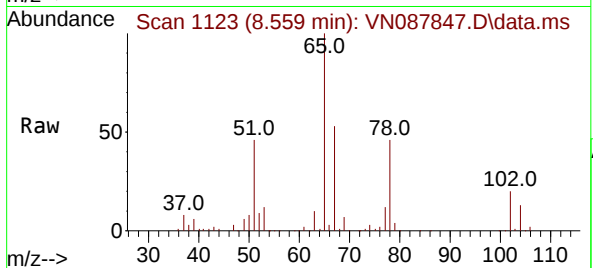
67 52.5 0.0 100.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/17/2025

Supervised By :Mahesh Dadoda 09/18/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.083 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VN087847.D

Acq: 16 Sep 2025 13:55

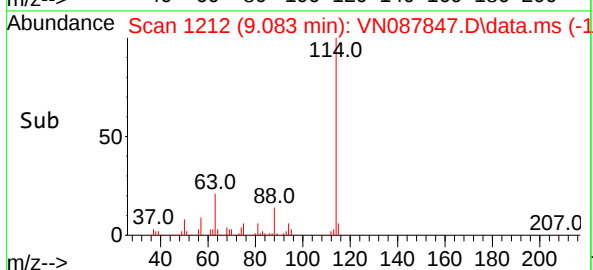
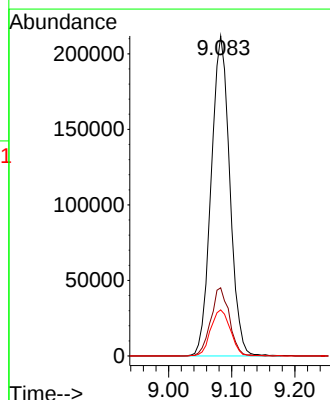
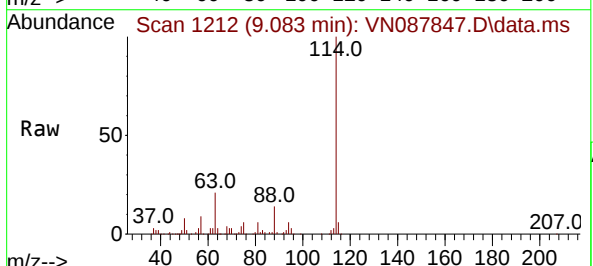
Tgt Ion:114 Resp: 433645

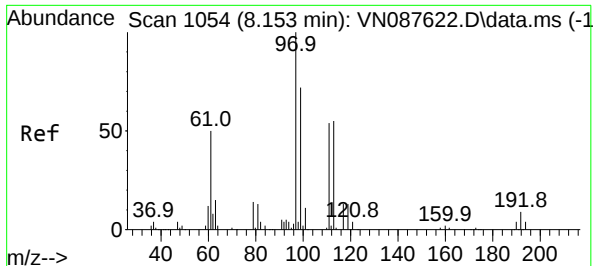
Ion Ratio Lower Upper

114 100

63 21.3 0.0 45.2

88 14.4 0.0 33.4





#35

Dibromofluoromethane

Concen: 63.355 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. -0.006 min

Lab File: VN087847.D

Acq: 16 Sep 2025 13:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

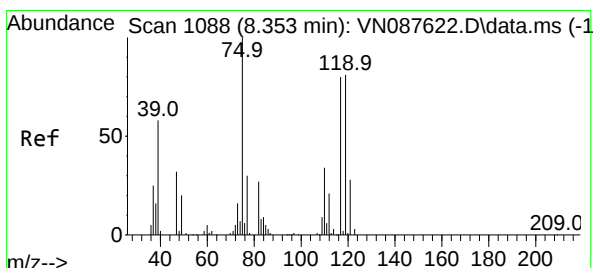
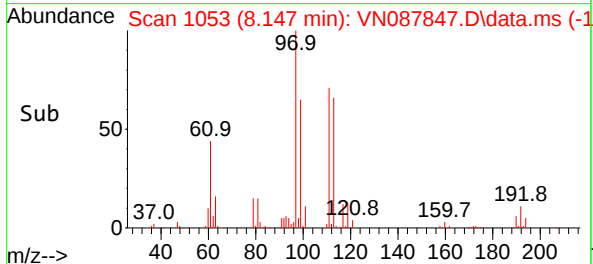
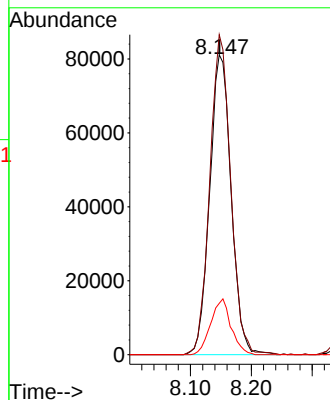
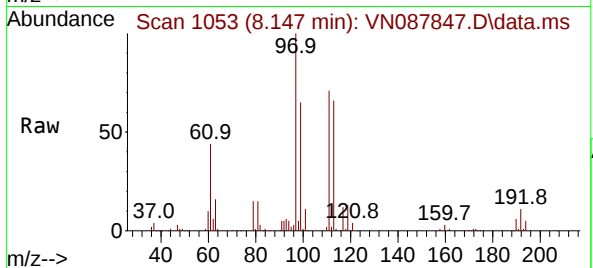
Tgt Ion:	113	Resp:	19835
Ion Ratio	Lower	Upper	
113	100		
111	104.1	82.8	124.2
192	17.7	12.8	19.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/17/2025

Supervised By :Mahesh Dadoda 09/18/2025



#36

1,1-Dichloropropene

Concen: 51.052 ug/l

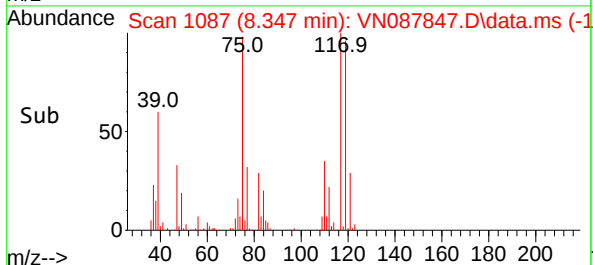
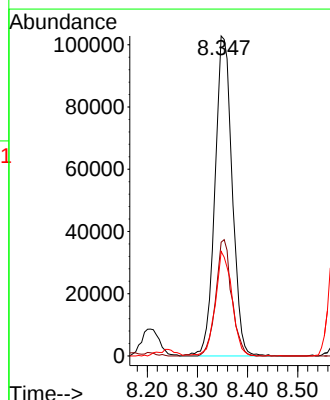
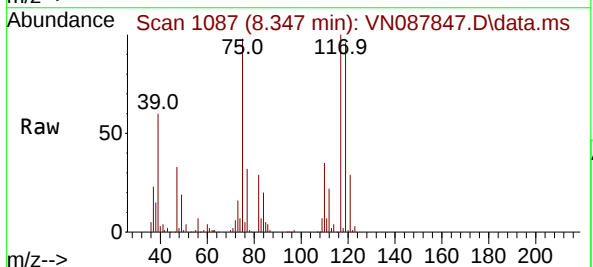
RT: 8.347 min Scan# 1087

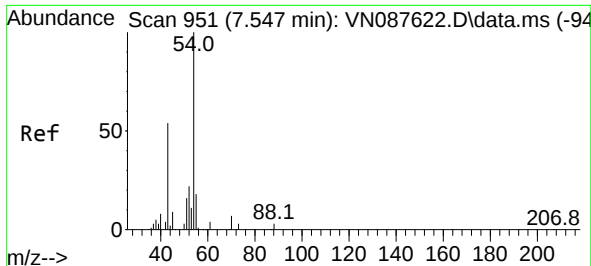
Delta R.T. -0.006 min

Lab File: VN087847.D

Acq: 16 Sep 2025 13:55

Tgt Ion:	75	Resp:	245212
Ion Ratio	Lower	Upper	
75	100		
110	33.8	15.9	47.6
77	31.5	24.4	36.6





#37

Ethyl Acetate

Concen: 52.691 ug/l

RT: 7.541 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN087847.D

Acq: 16 Sep 2025 13:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 345834

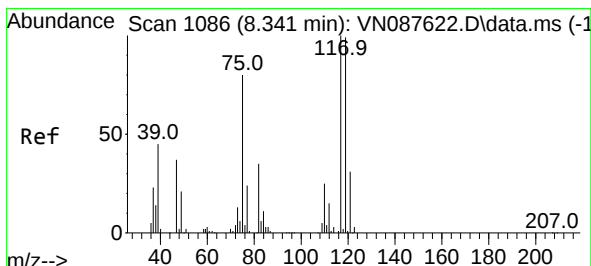
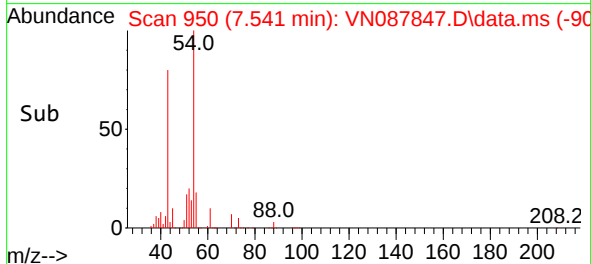
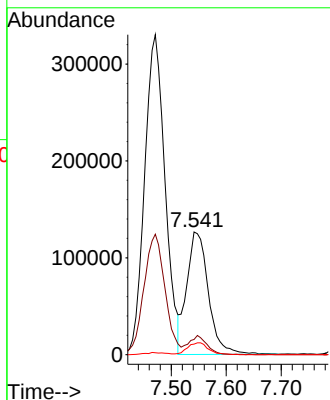
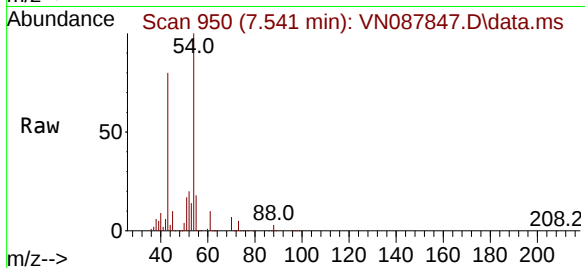
Ion	Ratio	Lower	Upper
43	100		
61	13.4	9.3	13.9
70	9.3	7.0	10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/17/2025

Supervised By :Mahesh Dadoda 09/18/2025



#38

Carbon Tetrachloride

Concen: 55.898 ug/l

RT: 8.347 min Scan# 1087

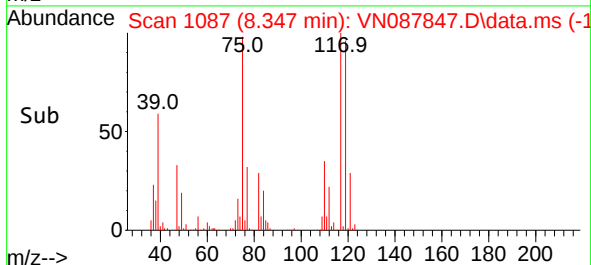
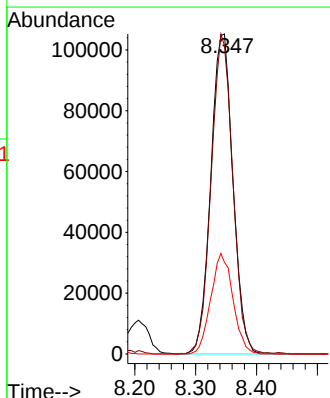
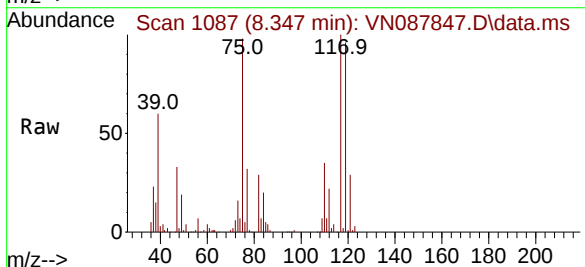
Delta R.T. 0.006 min

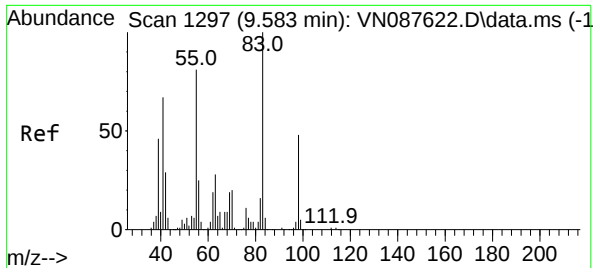
Lab File: VN087847.D

Acq: 16 Sep 2025 13:55

Tgt Ion:117 Resp: 265088

Ion	Ratio	Lower	Upper
117	100		
119	96.4	79.0	118.6
121	28.6	25.0	37.6





#39

Methylcyclohexane

Concen: 55.073 ug/l

RT: 9.583 min Scan# 1297

Delta R.T. -0.000 min

Lab File: VN087847.D

Acq: 16 Sep 2025 13:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

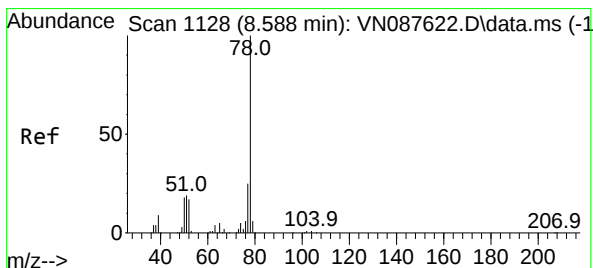
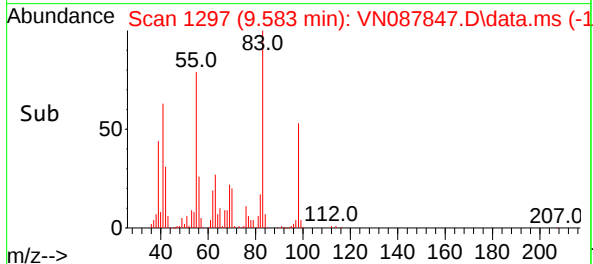
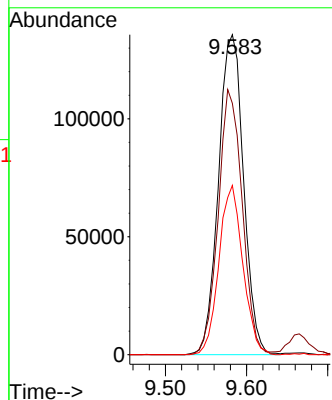
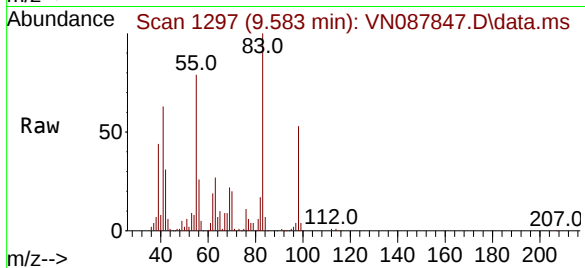
Tgt Ion: 83 Resp: 291228
 Ion Ratio Lower Upper
 83 100
 55 78.5 64.6 96.8
 98 52.9 38.4 57.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/17/2025

Supervised By :Mahesh Dadoda 09/18/2025



#40

Benzene

Concen: 52.922 ug/l

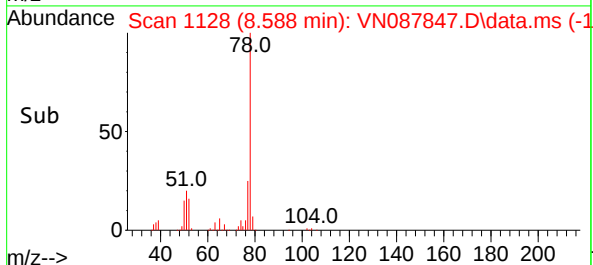
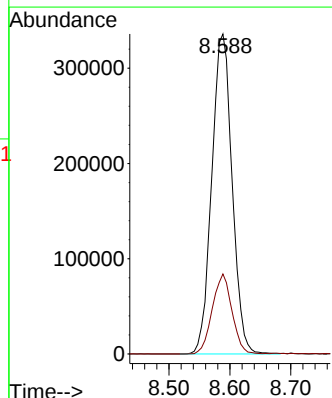
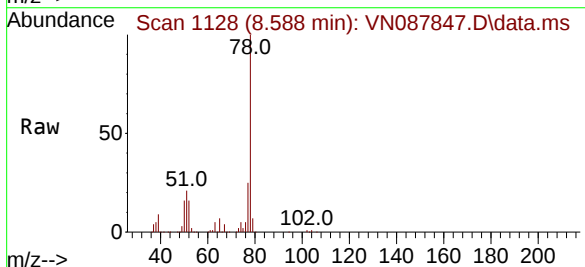
RT: 8.588 min Scan# 1128

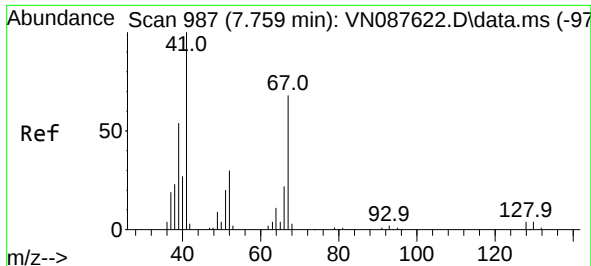
Delta R.T. -0.000 min

Lab File: VN087847.D

Acq: 16 Sep 2025 13:55

Tgt Ion: 78 Resp: 779652
 Ion Ratio Lower Upper
 78 100
 77 25.0 19.7 29.5





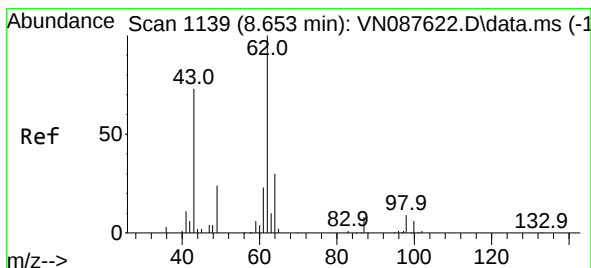
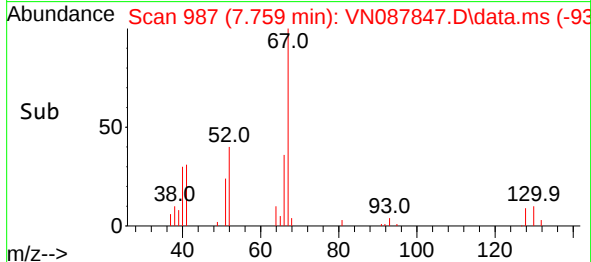
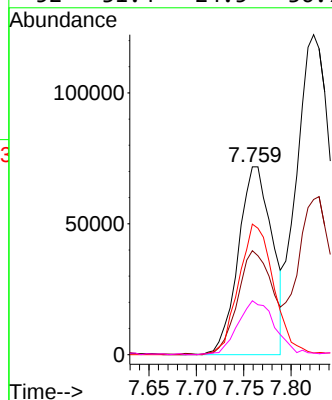
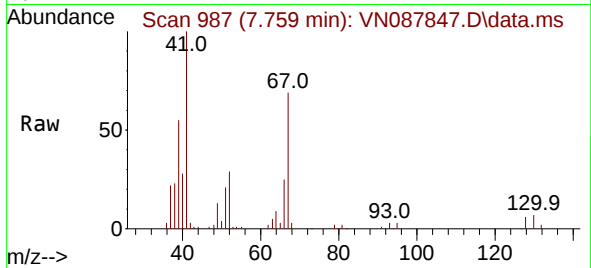
#41
Methacrylonitrile
Concen: 52.473 ug/l
RT: 7.759 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN087847.D
Acq: 16 Sep 2025 13:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:	41	Resp:	17840
Ion	Ratio	Lower	Upper
41	100		
39	56.5	45.4	68.0
67	72.6	55.3	82.9
52	31.4	24.5	36.7

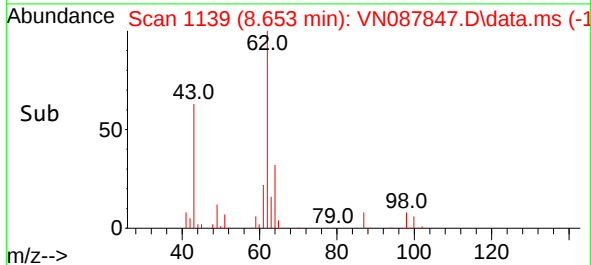
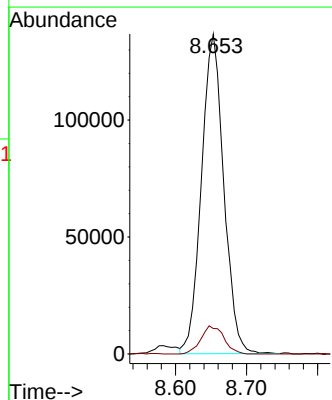
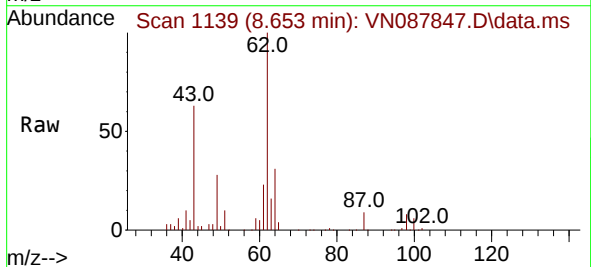
Manual Integrations
APPROVED

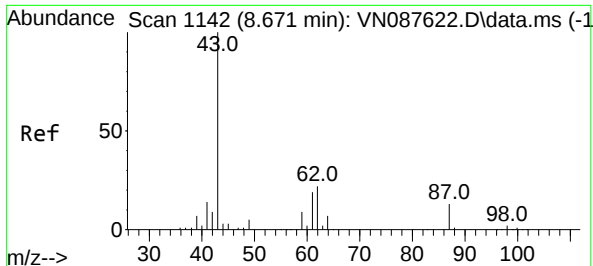
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025



#42
1,2-Dichloroethane
Concen: 52.815 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. -0.000 min
Lab File: VN087847.D
Acq: 16 Sep 2025 13:55

Tgt Ion:	62	Resp:	299001
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	17.4





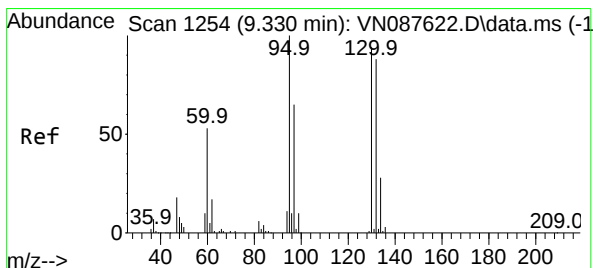
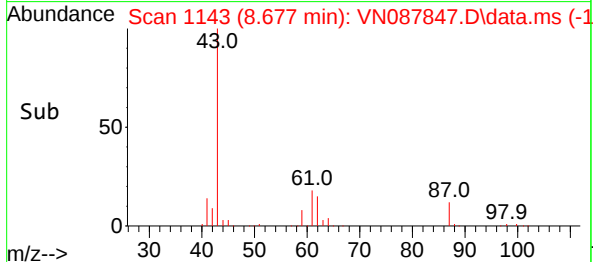
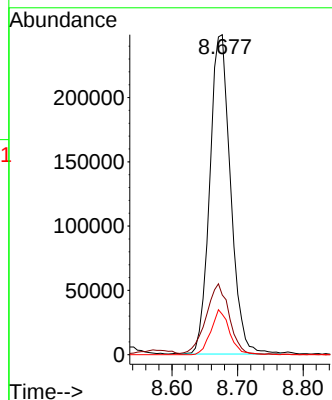
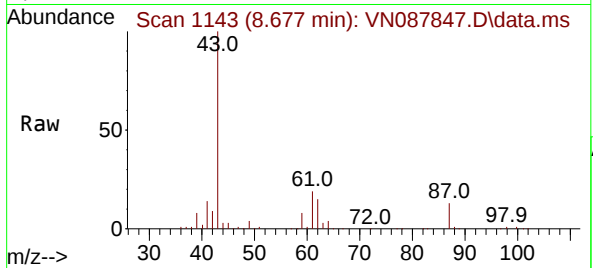
#43
Isopropyl Acetate
Concen: 53.402 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN087847.D
Acq: 16 Sep 2025 13:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 547228
Ion Ratio Lower Upper
43 100
61 24.5 18.8 28.2
87 12.7 9.6 14.4

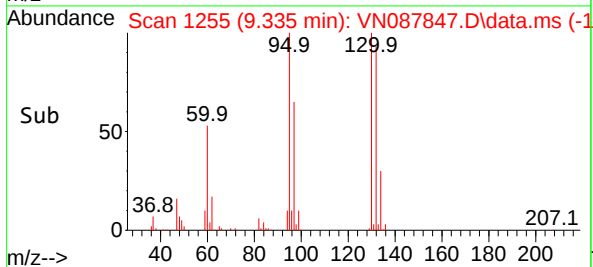
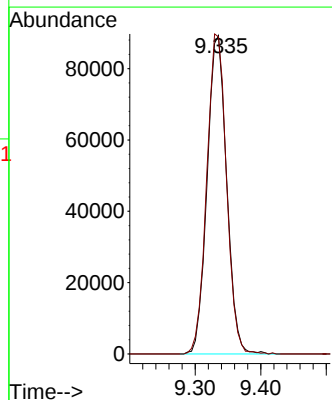
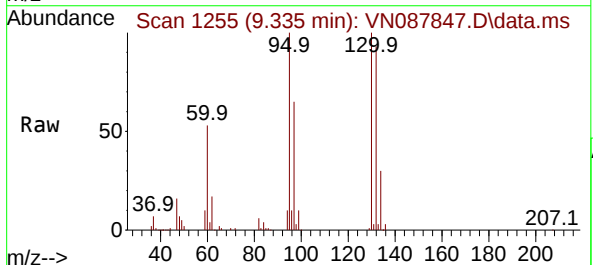
Manual Integrations
APPROVED

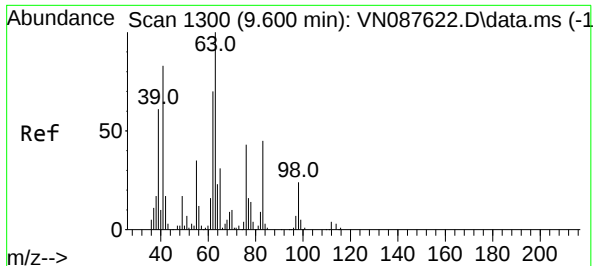
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025



#44
Trichloroethene
Concen: 54.860 ug/l
RT: 9.335 min Scan# 1255
Delta R.T. 0.006 min
Lab File: VN087847.D
Acq: 16 Sep 2025 13:55

Tgt Ion:130 Resp: 184521
Ion Ratio Lower Upper
130 100
95 99.6 0.0 212.0





#45

1,2-Dichloropropane

Concen: 52.528 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. -0.000 min

Lab File: VN087847.D

Acq: 16 Sep 2025 13:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 203980

Ion Ratio Lower Upper

63 100

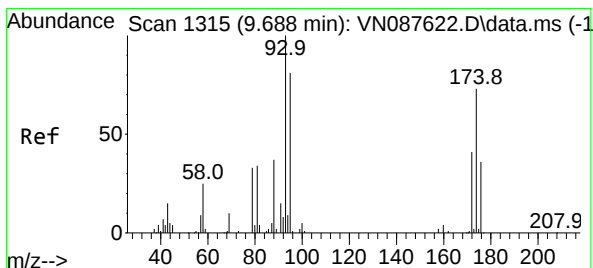
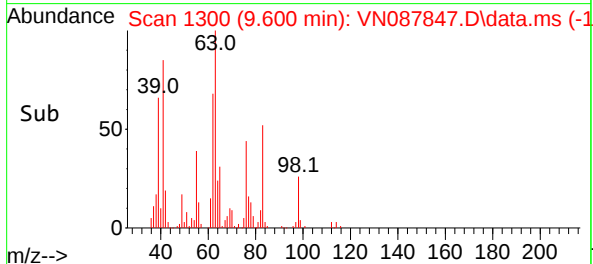
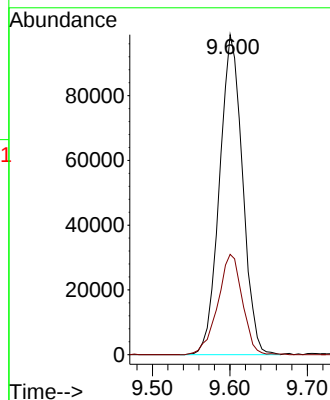
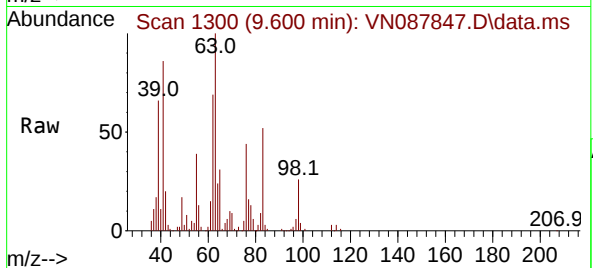
65 31.4 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/17/2025

Supervised By :Mahesh Dadoda 09/18/2025



#46

Dibromomethane

Concen: 56.246 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. -0.000 min

Lab File: VN087847.D

Acq: 16 Sep 2025 13:55

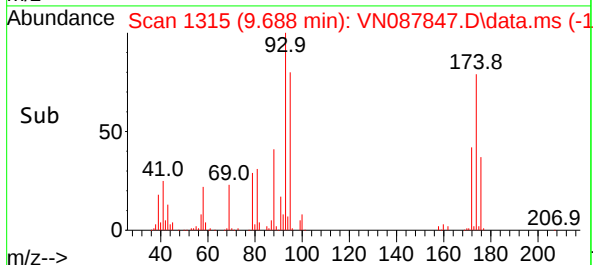
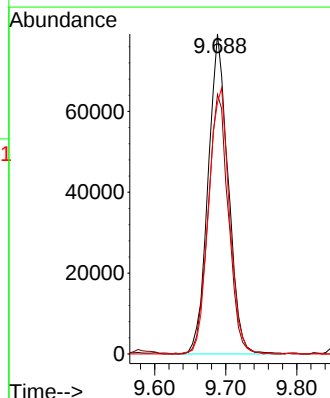
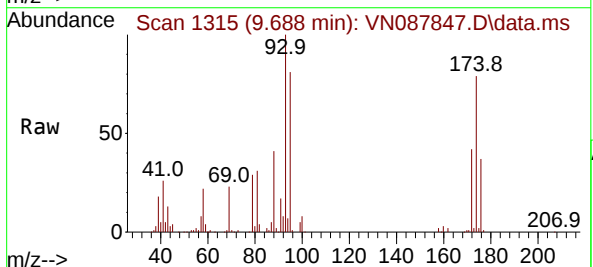
Tgt Ion: 93 Resp: 155428

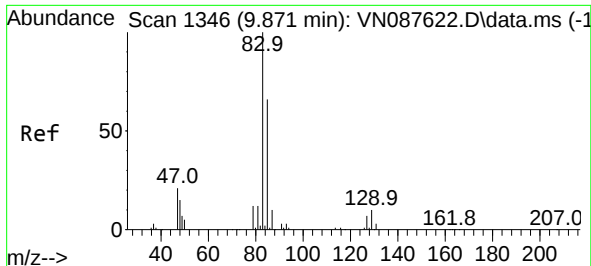
Ion Ratio Lower Upper

93 100

95 82.2 66.2 99.4

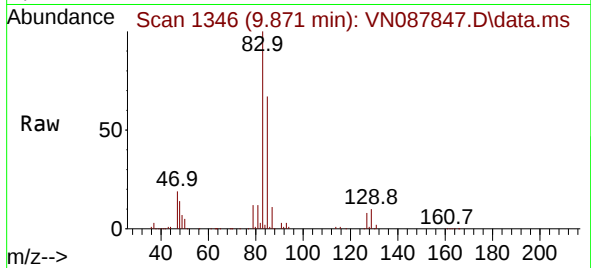
174 85.7 63.4 95.2





#47
Bromodichloromethane
Concen: 55.758 ug/l
RT: 9.871 min Scan# 1346
Delta R.T. -0.000 min
Lab File: VN087847.D
Acq: 16 Sep 2025 13:55

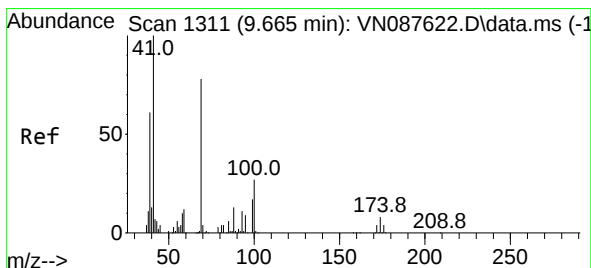
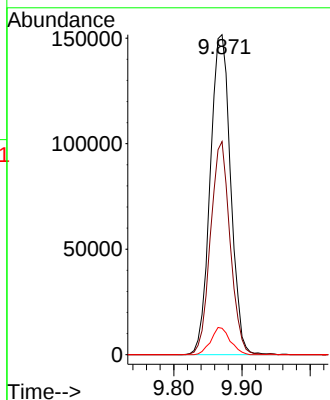
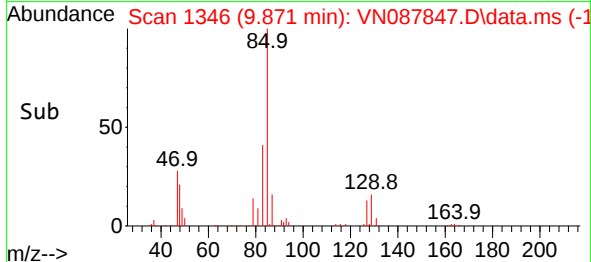
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 315780
Ion Ratio Lower Upper
83 100
85 66.6 52.5 78.7
127 8.3 5.8 8.6

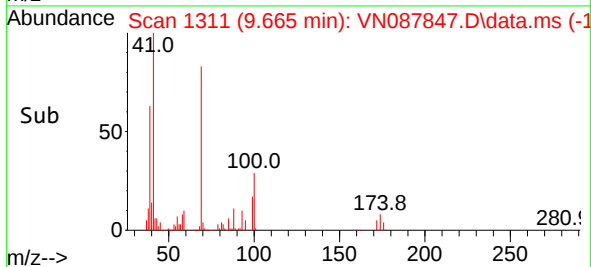
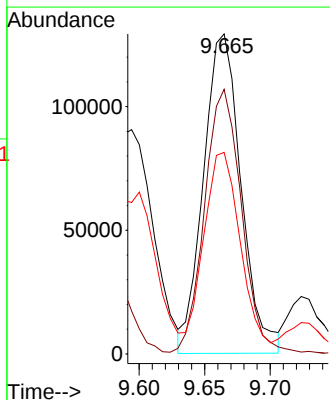
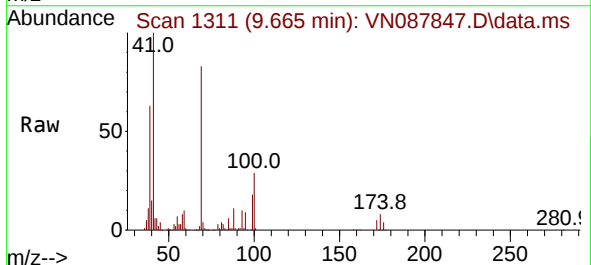
Manual Integrations
APPROVED

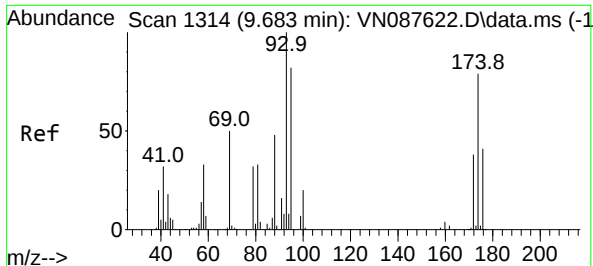
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025



#48
Methyl methacrylate
Concen: 53.245 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. -0.000 min
Lab File: VN087847.D
Acq: 16 Sep 2025 13:55

Tgt Ion: 41 Resp: 258081
Ion Ratio Lower Upper
41 100
69 81.2 62.7 94.1
39 62.5 52.9 79.3





#49

1,4-Dioxane

Concen: 1166.875 ug/l

RT: 9.688 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN087847.D

Acq: 16 Sep 2025 13:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

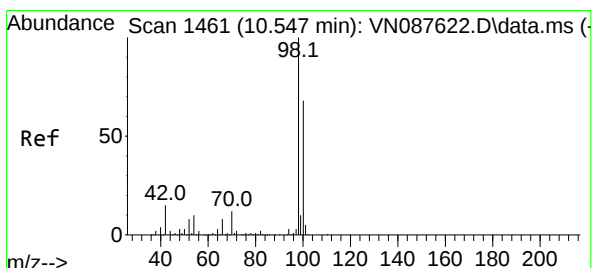
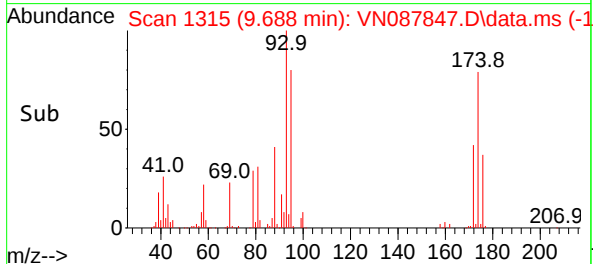
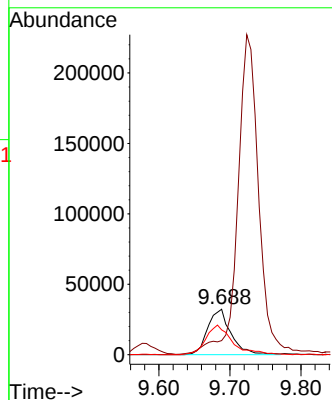
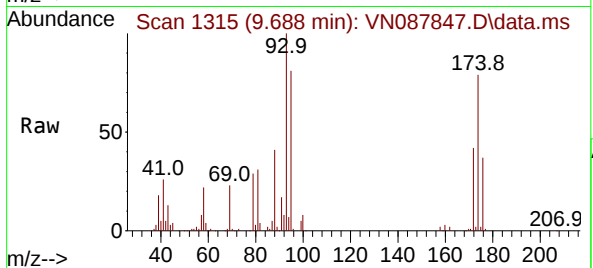
Tgt Ion: 88 Resp: 73308
 Ion Ratio Lower Upper
 88 100
 43 0.0 0.0 0.0
 58 73.8 57.9 86.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/17/2025

Supervised By :Mahesh Dadoda 09/18/2025



#50

Toluene-d8

Concen: 59.144 ug/l

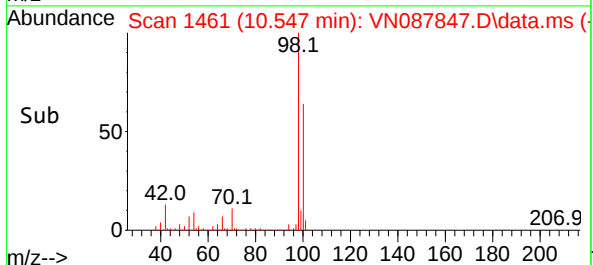
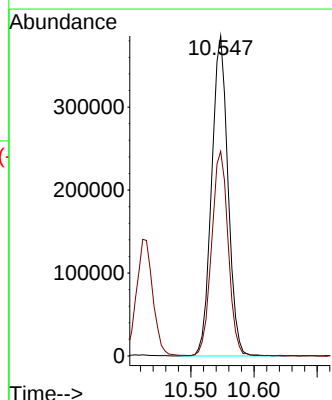
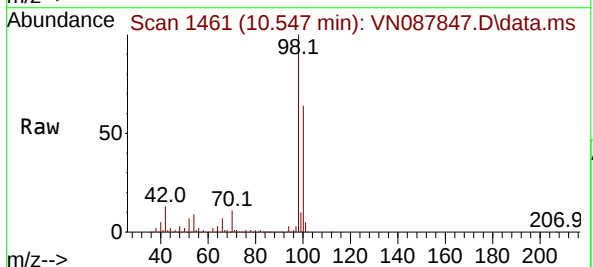
RT: 10.547 min Scan# 1461

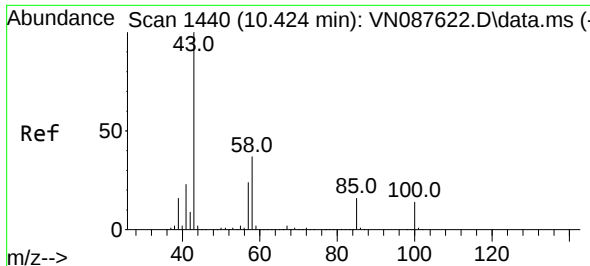
Delta R.T. -0.000 min

Lab File: VN087847.D

Acq: 16 Sep 2025 13:55

Tgt Ion: 98 Resp: 693078
 Ion Ratio Lower Upper
 98 100
 100 64.8 52.8 79.2





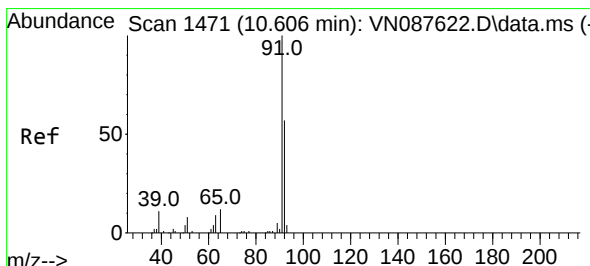
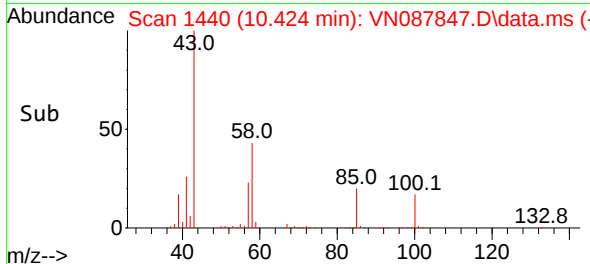
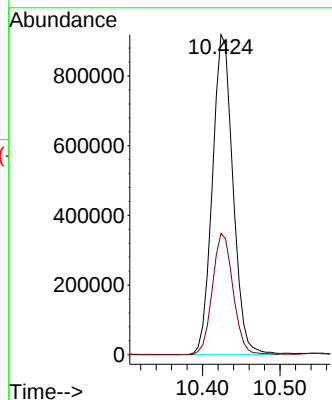
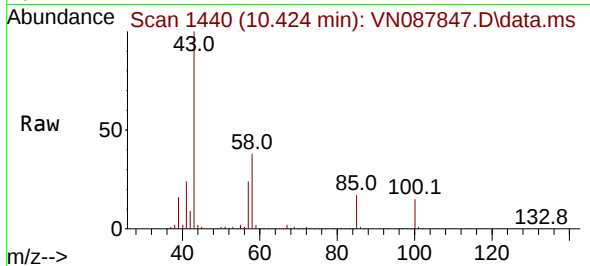
#51
4-Methyl-2-Pentanone
Concen: 273.953 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. -0.000 min
Lab File: VN087847.D
Acq: 16 Sep 2025 13:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 169375
Ion Ratio Lower Upper
43 100
58 38.1 29.6 44.4

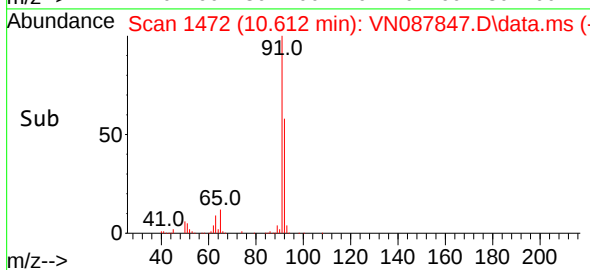
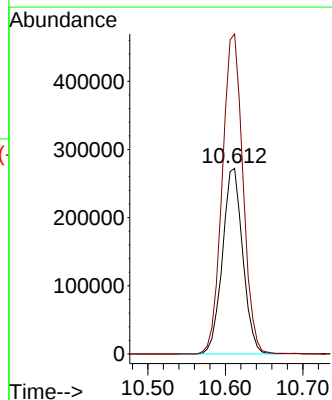
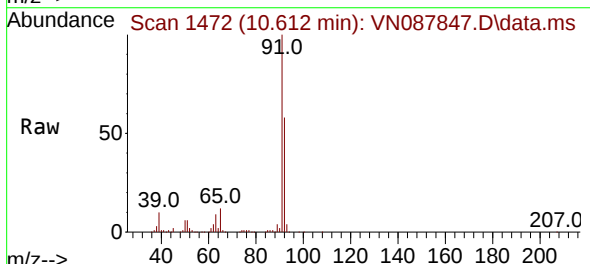
Manual Integrations
APPROVED

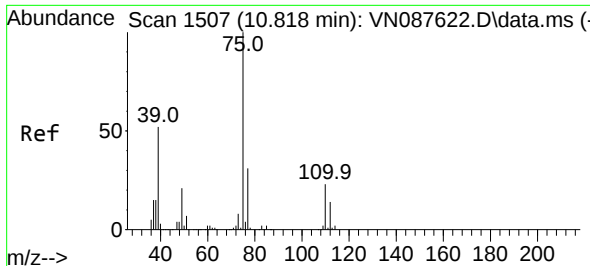
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025



#52
Toluene
Concen: 54.261 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VN087847.D
Acq: 16 Sep 2025 13:55

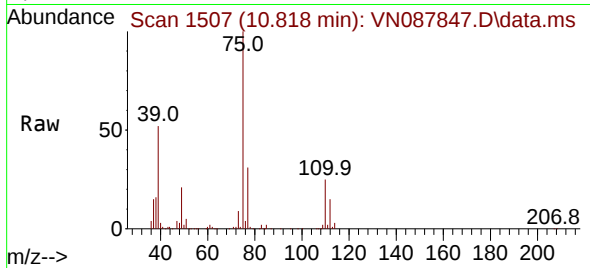
Tgt Ion: 92 Resp: 495572
Ion Ratio Lower Upper
92 100
91 176.1 140.4 210.6





#53
t-1,3-Dichloropropene
Concen: 56.779 ug/l
RT: 10.818 min Scan# 1507
Delta R.T. -0.000 min
Lab File: VN087847.D
Acq: 16 Sep 2025 13:55

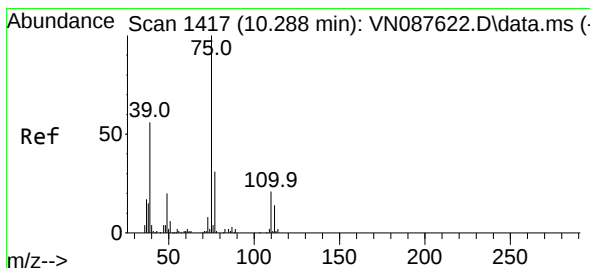
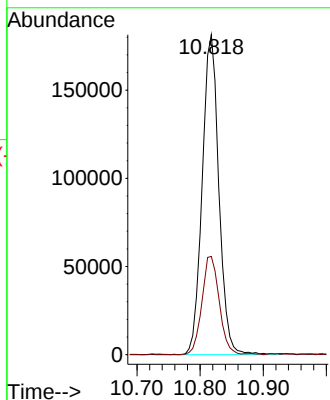
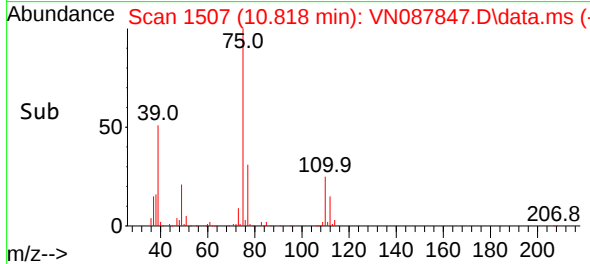
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



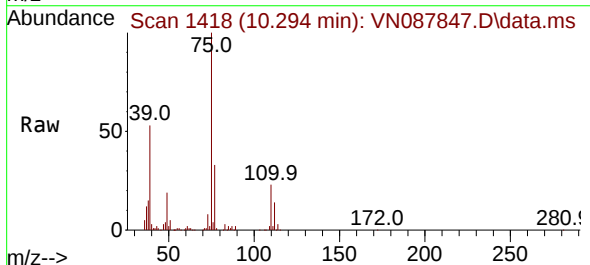
Tgt Ion: 75 Resp: 33285
Ion Ratio Lower Upper
75 100
77 30.7 25.2 37.8

Manual Integrations
APPROVED

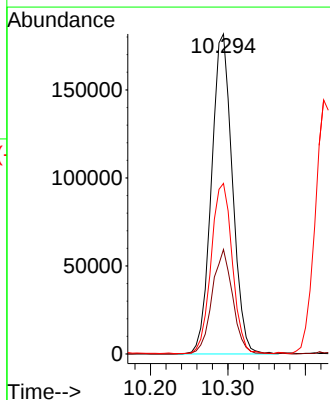
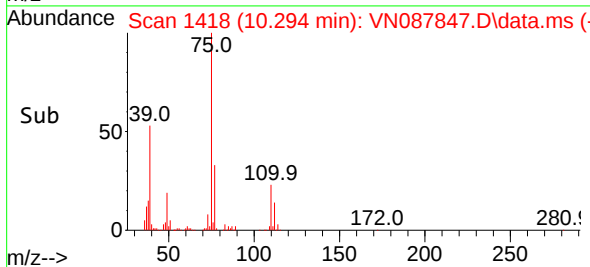
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

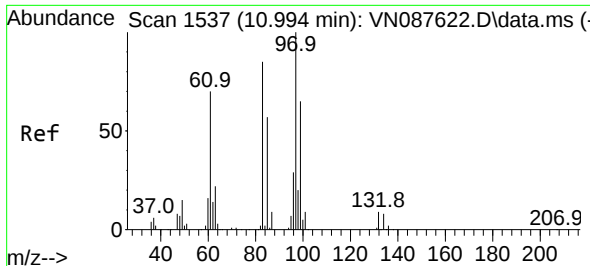


#54
cis-1,3-Dichloropropene
Concen: 56.121 ug/l
RT: 10.294 min Scan# 1418
Delta R.T. 0.006 min
Lab File: VN087847.D
Acq: 16 Sep 2025 13:55



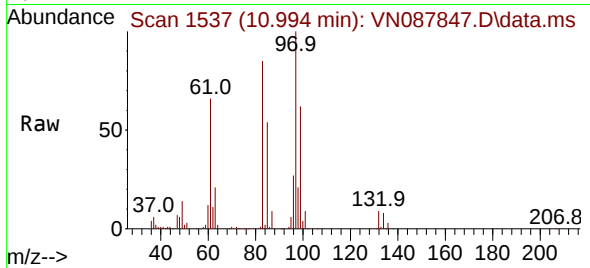
Tgt Ion: 75 Resp: 341604
Ion Ratio Lower Upper
75 100
77 32.6 24.6 37.0
39 53.2 45.2 67.8





#55
1,1,2-Trichloroethane
Concen: 57.374 ug/l
RT: 10.994 min Scan# 1537
Delta R.T. -0.000 min
Lab File: VN087847.D
Acq: 16 Sep 2025 13:55

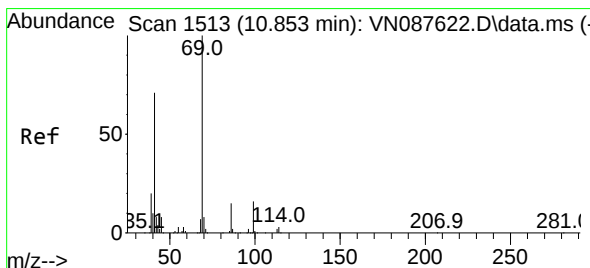
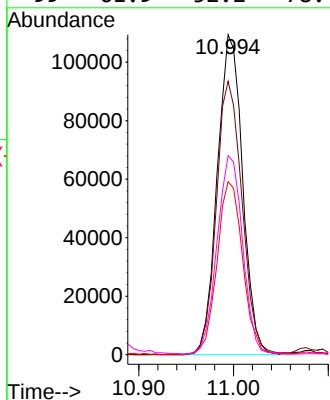
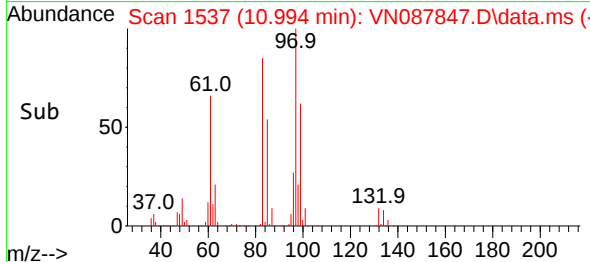
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



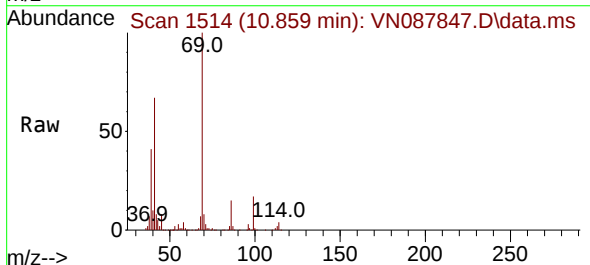
Tgt Ion: 97 Resp: 202700
Ion Ratio Lower Upper
97 100
83 85.4 68.2 102.4
85 53.9 45.5 68.3
99 61.9 52.2 78.4

Manual Integrations
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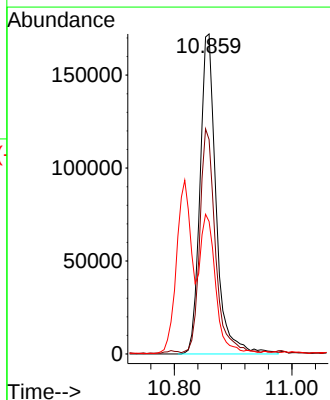
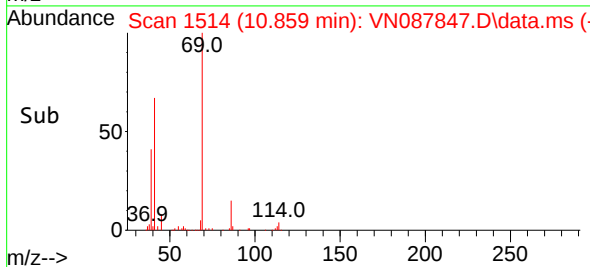
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025



#56
Ethyl methacrylate
Concen: 58.065 ug/l
RT: 10.859 min Scan# 1514
Delta R.T. 0.006 min
Lab File: VN087847.D
Acq: 16 Sep 2025 13:55



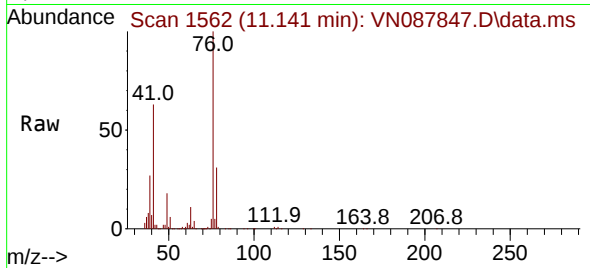
Tgt Ion: 69 Resp: 327855
Ion Ratio Lower Upper
69 100
41 67.2 56.5 84.7
39 40.8 34.2 51.4





#57
1,3-Dichloropropane
Concen: 55.253 ug/l
RT: 11.141 min Scan# 1562
Delta R.T. -0.000 min
Lab File: VN087847.D
Acq: 16 Sep 2025 13:55

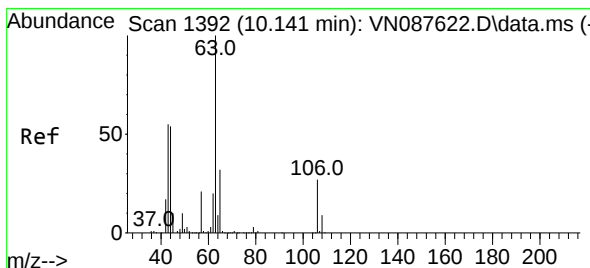
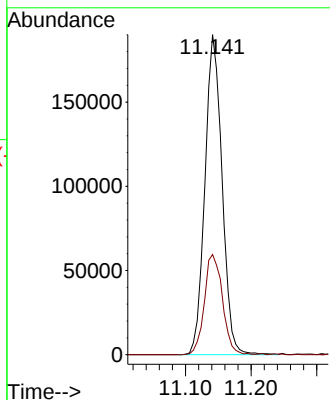
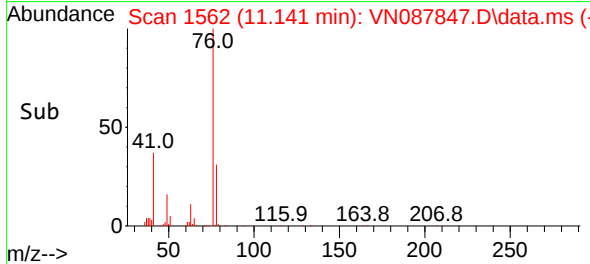
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 345485
Ion Ratio Lower Upper
76 100
78 33.1 26.2 39.4

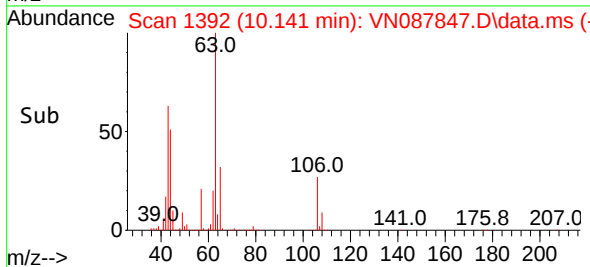
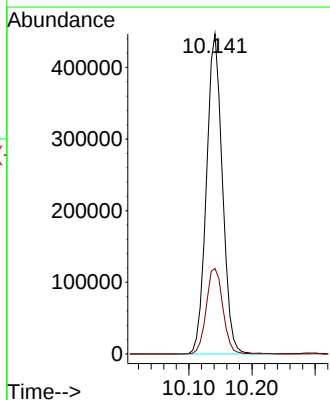
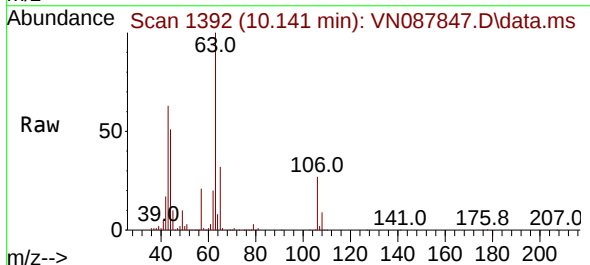
Manual Integrations
APPROVED

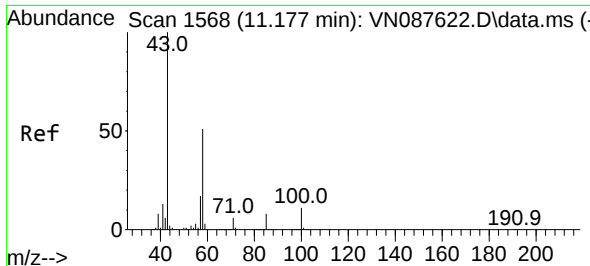
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025



#58
2-Chloroethyl Vinyl ether
Concen: 255.885 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VN087847.D
Acq: 16 Sep 2025 13:55

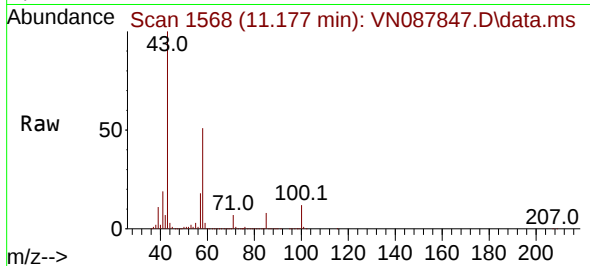
Tgt Ion: 63 Resp: 782005
Ion Ratio Lower Upper
63 100
106 27.8 21.1 31.7





#59
2-Hexanone
Concen: 295.539 ug/l
RT: 11.177 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VN087847.D
Acq: 16 Sep 2025 13:55

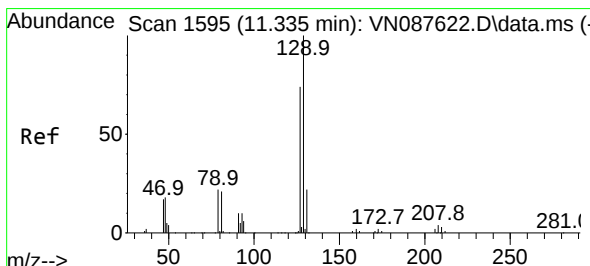
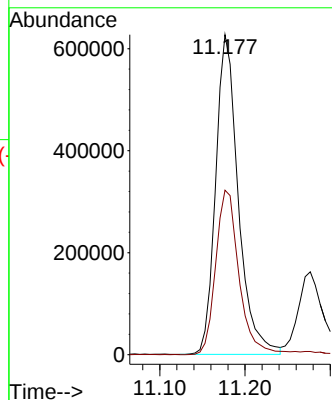
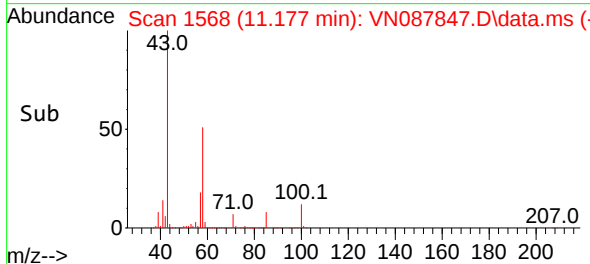
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



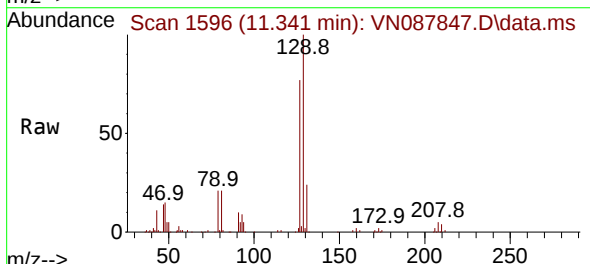
Tgt Ion: 43 Resp: 115479
Ion Ratio Lower Upper
43 100
58 53.2 25.9 77.8

Manual Integrations
APPROVED

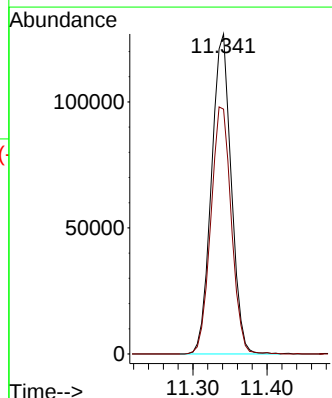
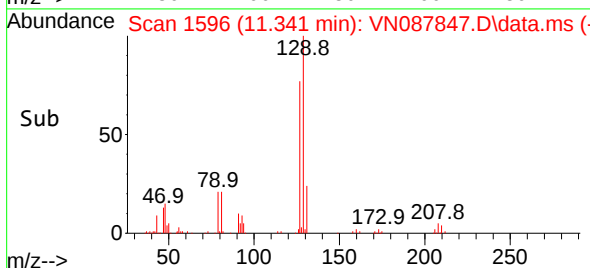
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

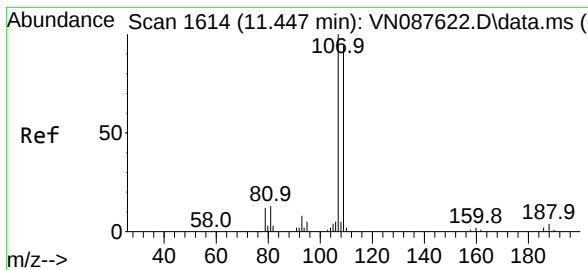


#60
Dibromochloromethane
Concen: 57.409 ug/l
RT: 11.341 min Scan# 1596
Delta R.T. 0.006 min
Lab File: VN087847.D
Acq: 16 Sep 2025 13:55



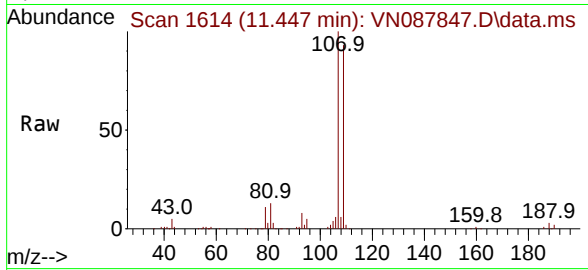
Tgt Ion:129 Resp: 235020
Ion Ratio Lower Upper
129 100
127 79.9 39.1 117.3





#61
1,2-Dibromoethane
Concen: 57.833 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VN087847.D
Acq: 16 Sep 2025 13:55

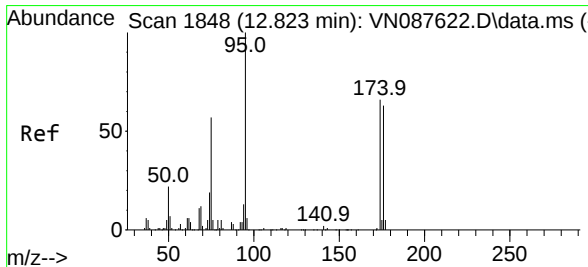
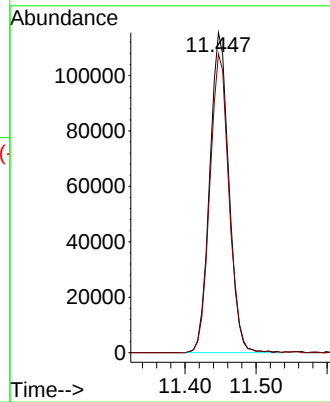
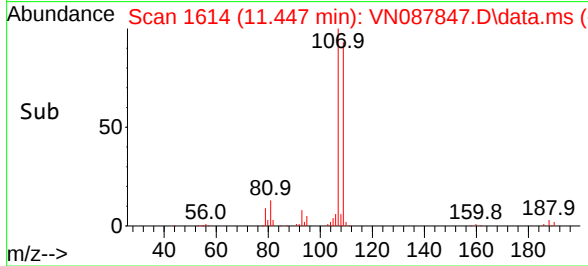
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



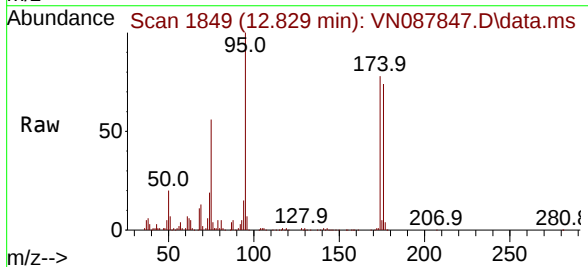
Tgt Ion:107 Resp: 215454
Ion Ratio Lower Upper
107 100
109 93.9 74.7 112.1

Manual Integrations
APPROVED

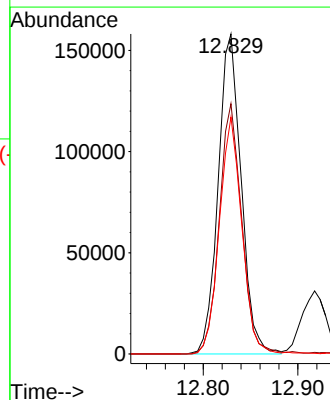
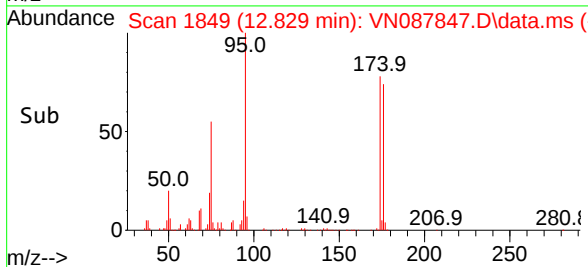
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

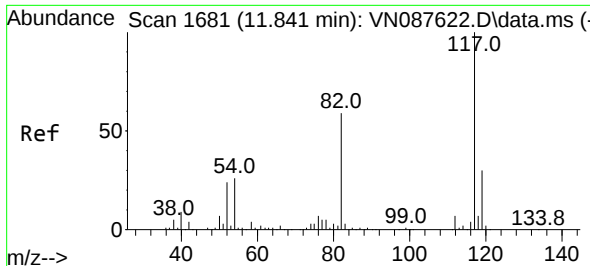


#62
4-Bromofluorobenzene
Concen: 64.046 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN087847.D
Acq: 16 Sep 2025 13:55



Tgt Ion: 95 Resp: 266909
Ion Ratio Lower Upper
95 100
174 76.1 0.0 138.4
176 72.3 0.0 132.6





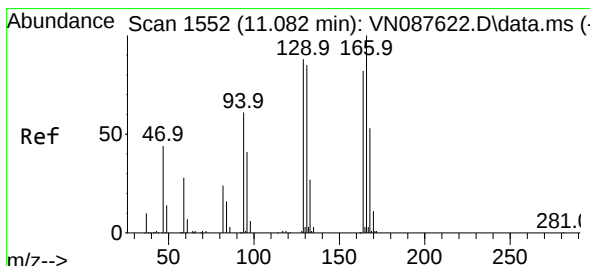
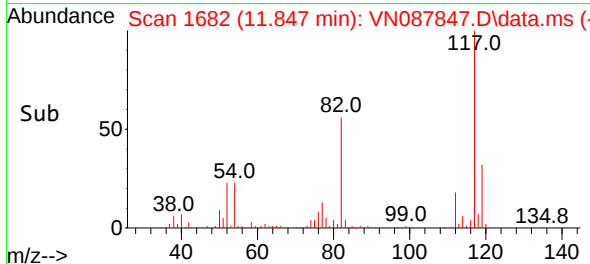
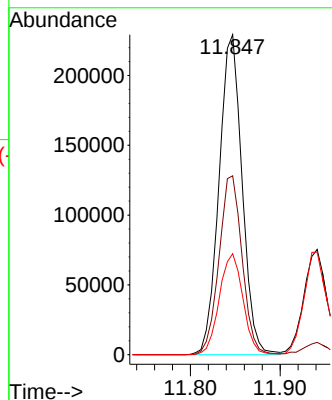
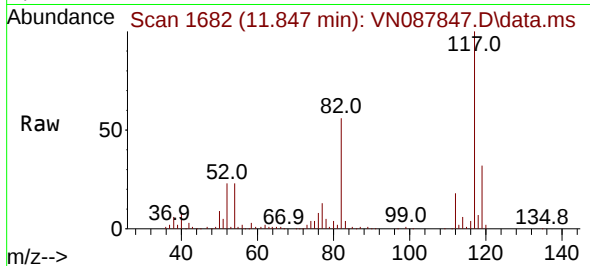
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN087847.D
Acq: 16 Sep 2025 13:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:117 Resp: 40919
Ion Ratio Lower Upper
117 100
82 55.9 47.4 71.2
119 31.5 24.3 36.5

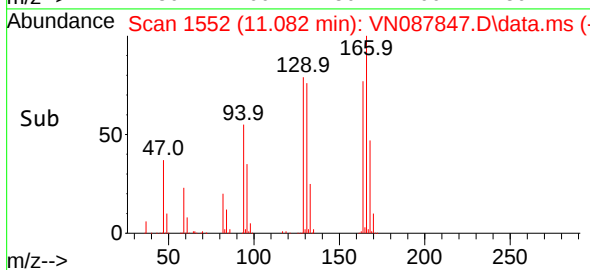
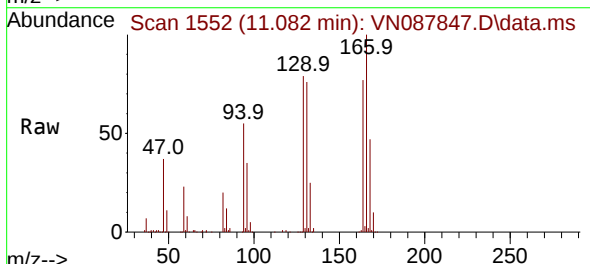
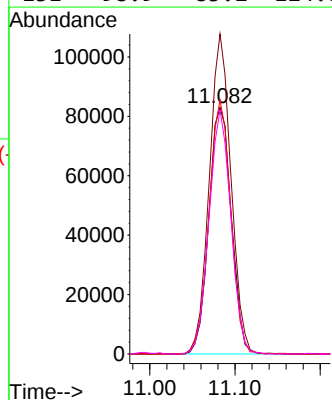
Manual Integrations
APPROVED

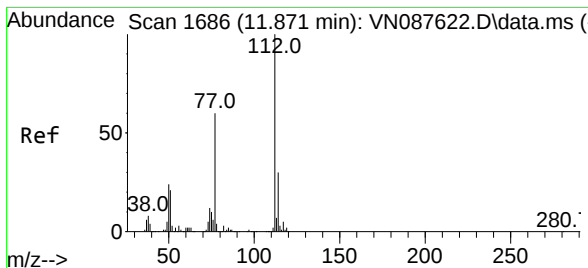
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025



#64
Tetrachloroethene
Concen: 53.644 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. -0.000 min
Lab File: VN087847.D
Acq: 16 Sep 2025 13:55

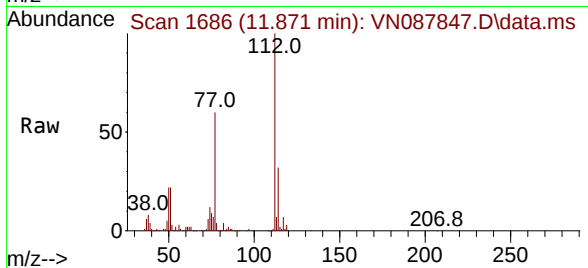
Tgt Ion:164 Resp: 152293
Ion Ratio Lower Upper
164 100
166 129.8 97.7 146.5
129 102.9 85.9 128.9
131 98.9 83.2 124.8





#65
Chlorobenzene
Concen: 53.293 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN087847.D
Acq: 16 Sep 2025 13:55

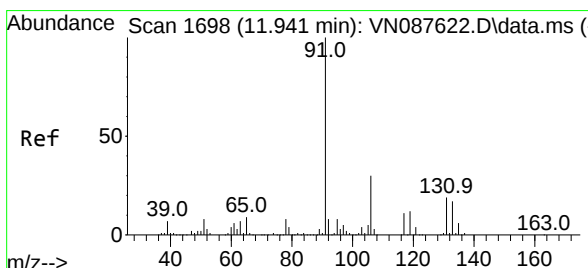
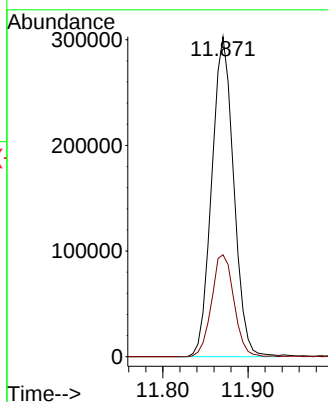
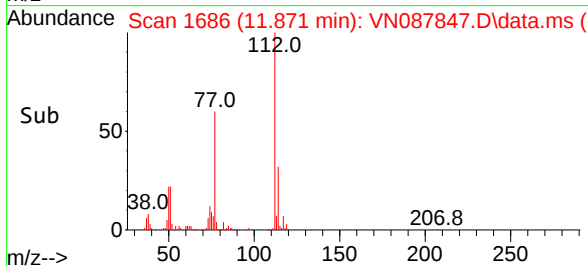
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



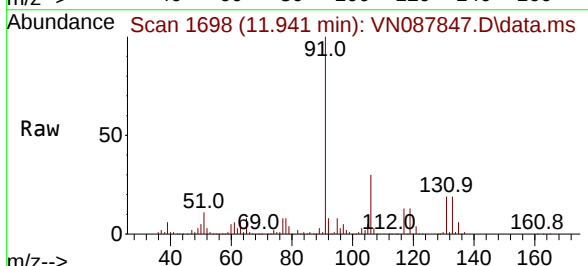
Tgt Ion:112 Resp: 542528
Ion Ratio Lower Upper
112 100
114 31.8 24.3 36.5

Manual Integrations
APPROVED

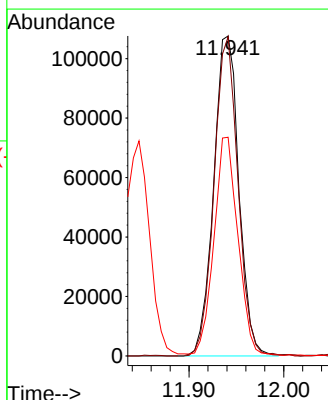
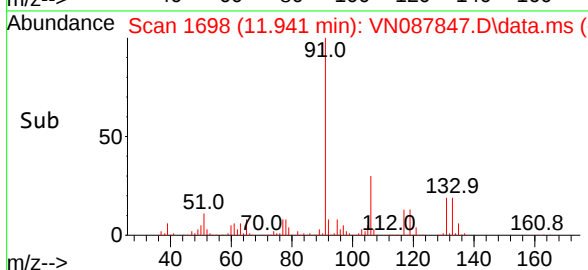
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

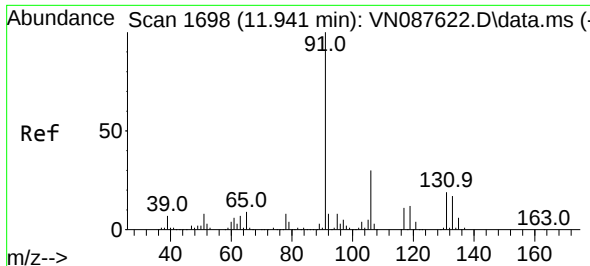


#66
1,1,1,2-Tetrachloroethane
Concen: 58.880 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN087847.D
Acq: 16 Sep 2025 13:55



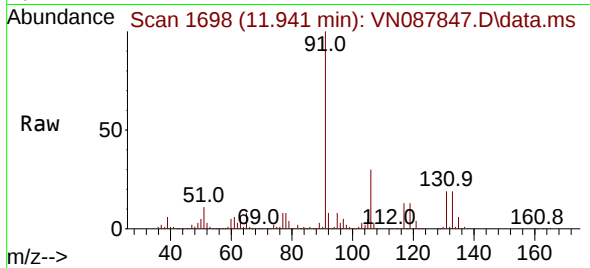
Tgt Ion:131 Resp: 198995
Ion Ratio Lower Upper
131 100
133 94.6 48.0 144.0
119 64.9 32.6 97.7





#67
Ethyl Benzene
Concen: 54.491 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN087847.D
Acq: 16 Sep 2025 13:55

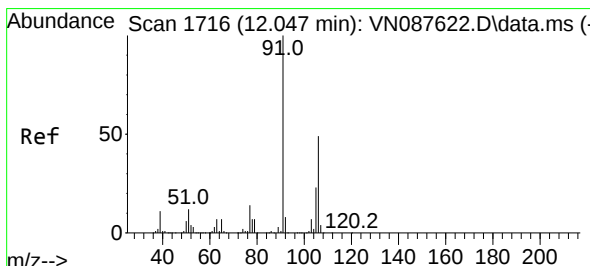
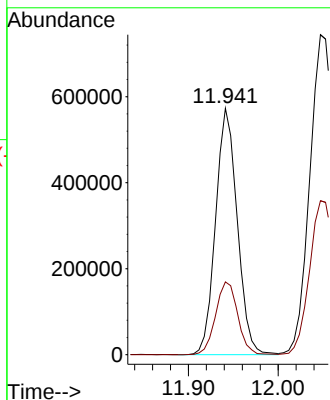
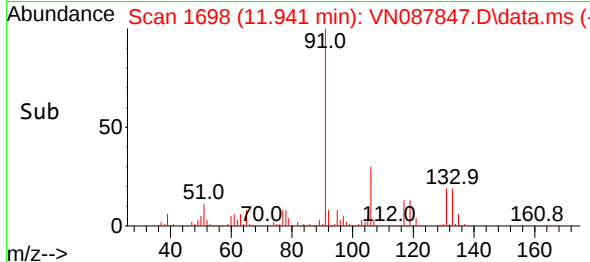
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



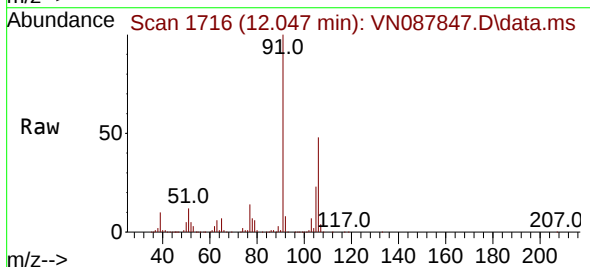
Tgt Ion: 91 Resp: 960475
Ion Ratio Lower Upper
91 100
106 29.5 24.1 36.1

Manual Integrations
APPROVED

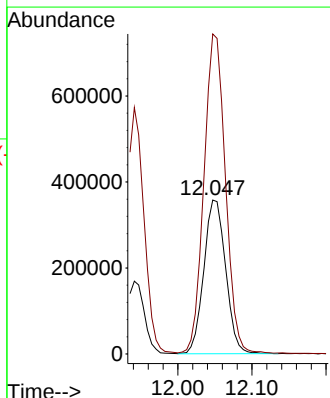
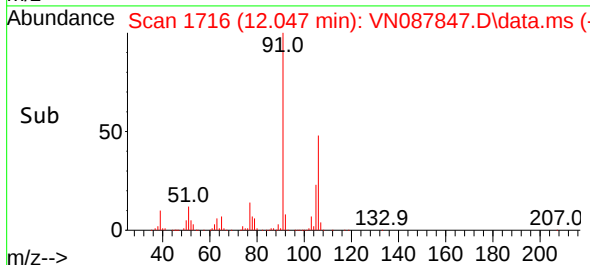
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

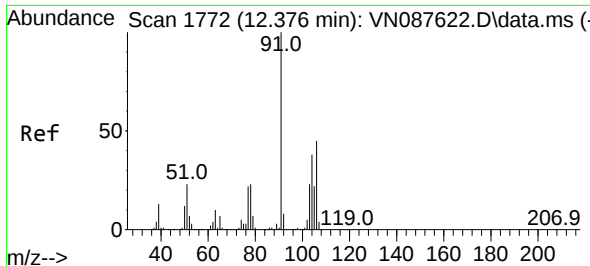


#68
m/p-Xylenes
Concen: 113.180 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VN087847.D
Acq: 16 Sep 2025 13:55



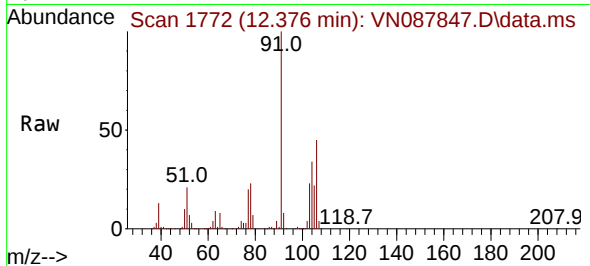
Tgt Ion:106 Resp: 731633
Ion Ratio Lower Upper
106 100
91 204.1 169.3 253.9





#69
o-Xylene
Concen: 55.603 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VN087847.D
Acq: 16 Sep 2025 13:55

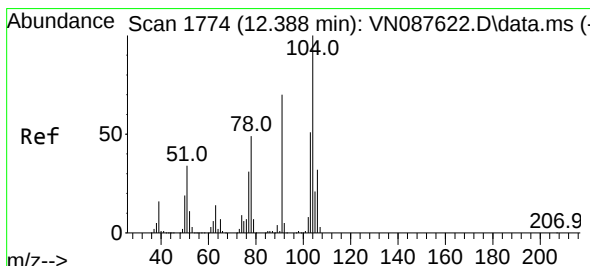
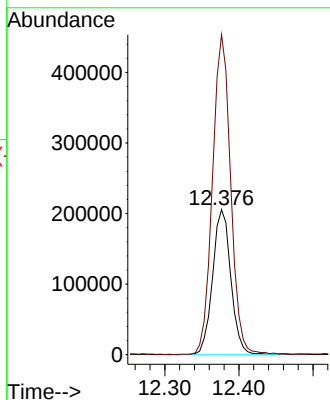
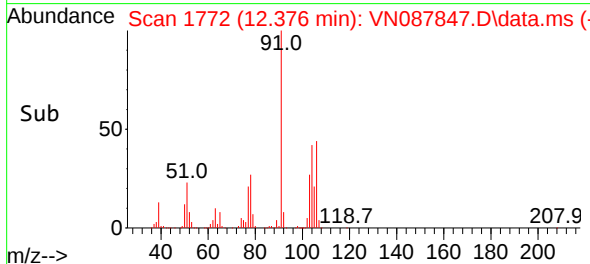
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



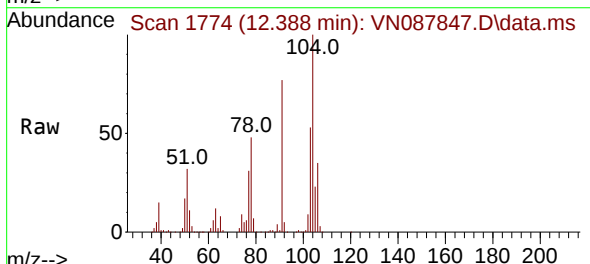
Tgt Ion:106 Resp: 352248
Ion Ratio Lower Upper
106 100
91 219.6 111.4 334.2

Manual Integrations
APPROVED

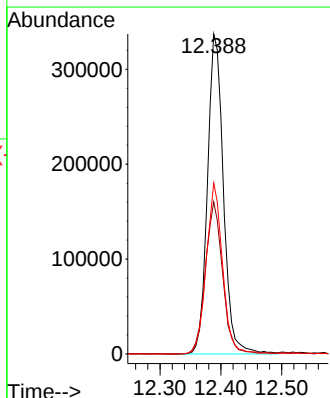
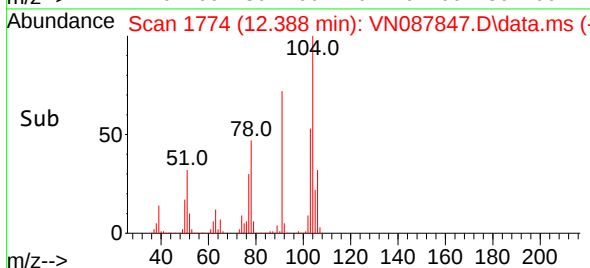
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

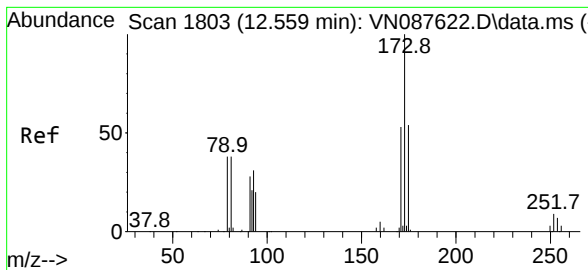


#70
Styrene
Concen: 57.974 ug/l
RT: 12.388 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VN087847.D
Acq: 16 Sep 2025 13:55



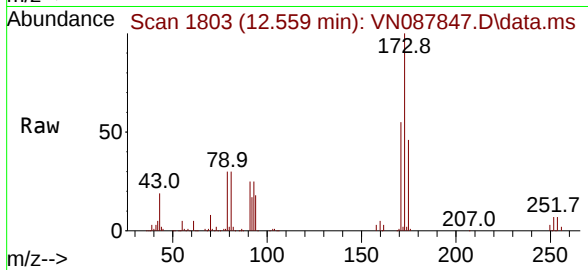
Tgt Ion:104 Resp: 615294
Ion Ratio Lower Upper
104 100
78 51.3 42.2 63.2
103 54.5 43.4 65.2





#71
Bromoform
Concen: 63.713 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VN087847.D
Acq: 16 Sep 2025 13:55

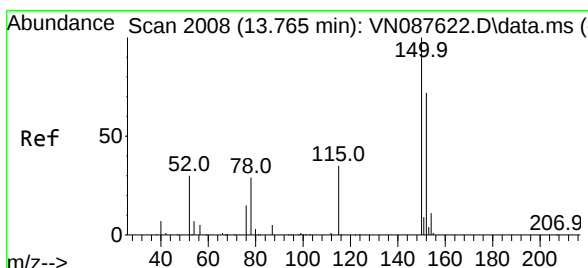
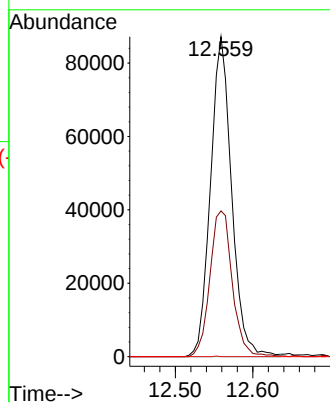
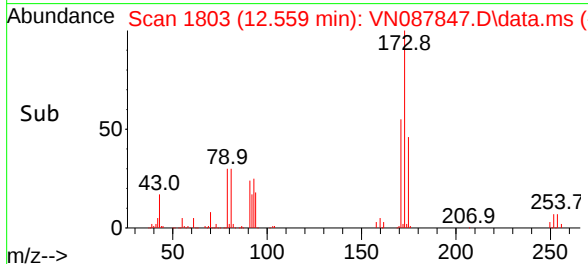
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



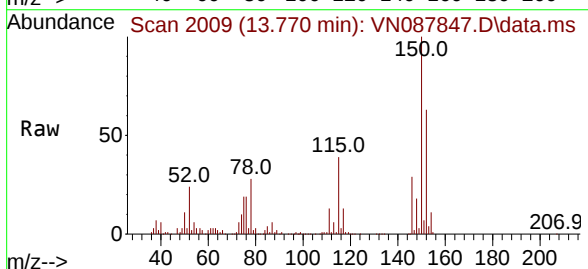
Tgt Ion:173 Resp: 16514
Ion Ratio Lower Upper
173 100
175 48.3 24.9 74.6
254 0.0 0.1 0.1

Manual Integrations
APPROVED

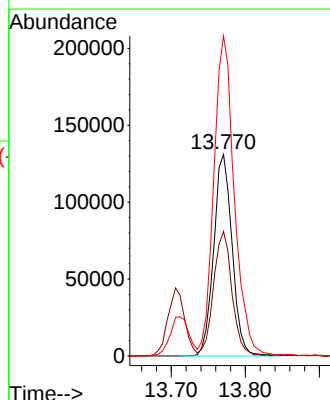
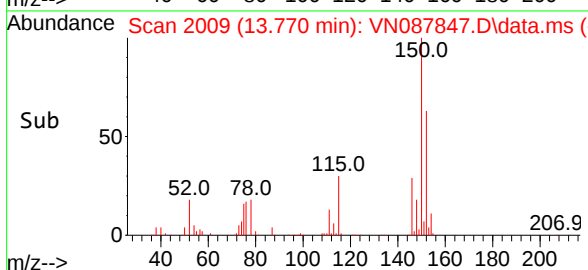
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

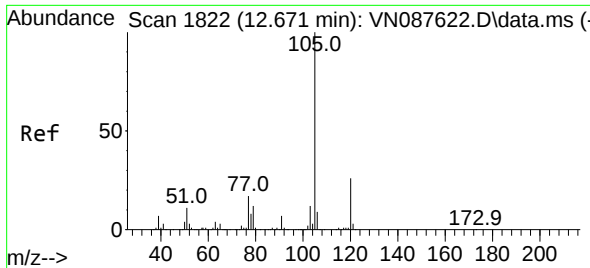


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.006 min
Lab File: VN087847.D
Acq: 16 Sep 2025 13:55



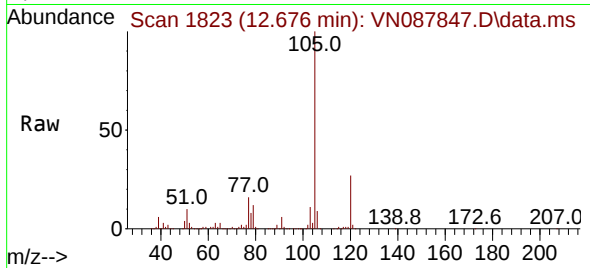
Tgt Ion:152 Resp: 226483
Ion Ratio Lower Upper
152 100
115 61.2 32.3 96.8
150 175.2 0.0 351.0





#73
Isopropylbenzene
Concen: 49.681 ug/l
RT: 12.676 min Scan# 1822
Delta R.T. 0.006 min
Lab File: VN087847.D
Acq: 16 Sep 2025 13:55

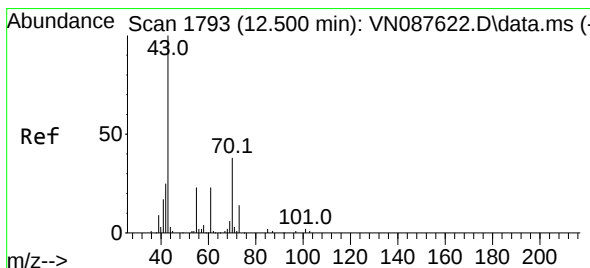
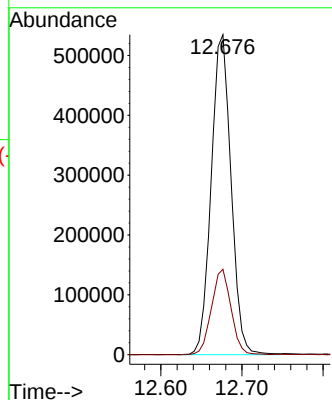
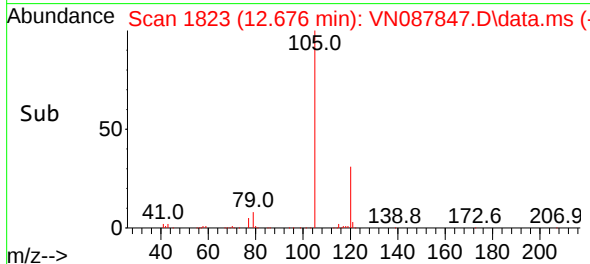
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:105 Resp: 909235
Ion Ratio Lower Upper
105 100
120 26.2 12.8 38.3

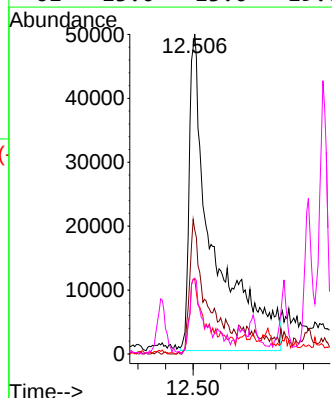
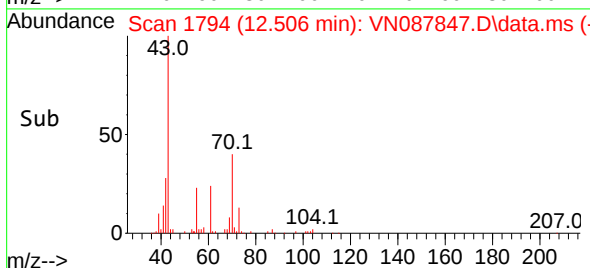
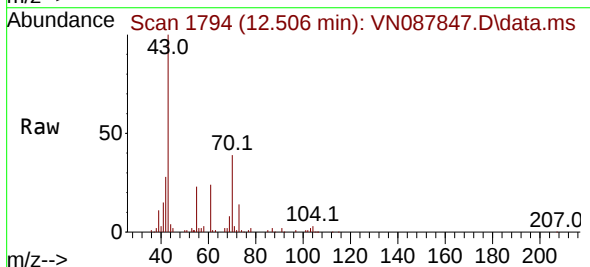
Manual Integrations
APPROVED

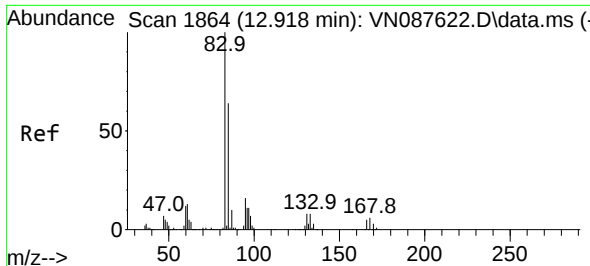
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025



#74
N-ethyl acetate
Concen: 43.009 ug/l m
RT: 12.506 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VN087847.D
Acq: 16 Sep 2025 13:55

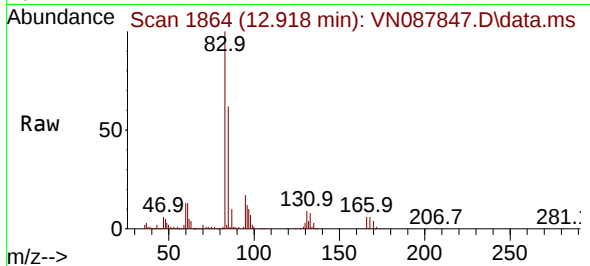
Tgt Ion: 43 Resp: 298290
Ion Ratio Lower Upper
43 100
70 27.1 27.6 41.4#
55 14.7 13.0 19.6
61 13.0 13.0 19.6#





#75
1,1,2,2-Tetrachloroethane
Concen: 50.367 ug/l
RT: 12.918 min Scan# 1864
Delta R.T. -0.000 min
Lab File: VN087847.D
Acq: 16 Sep 2025 13:55

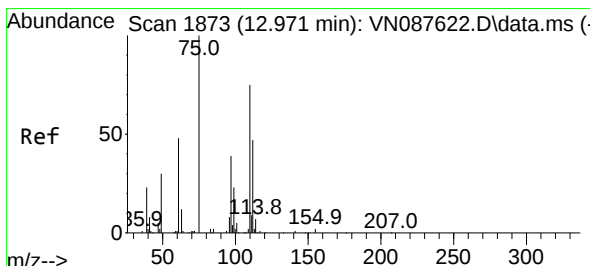
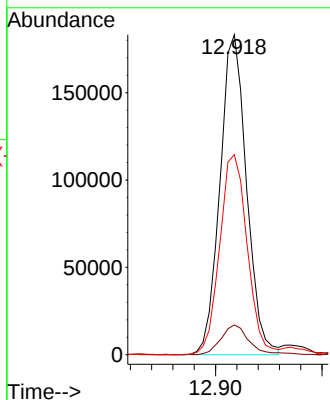
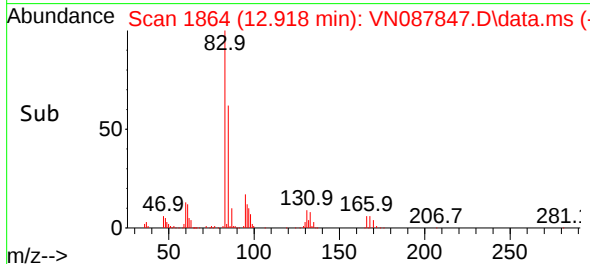
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



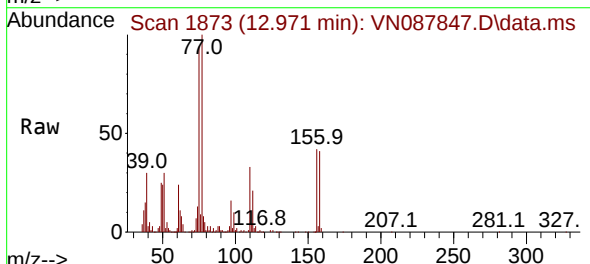
Tgt Ion: 83 Resp: 317350
Ion Ratio Lower Upper
83 100
131 9.9 4.8 14.4
85 64.8 32.1 96.3

Manual Integrations
APPROVED

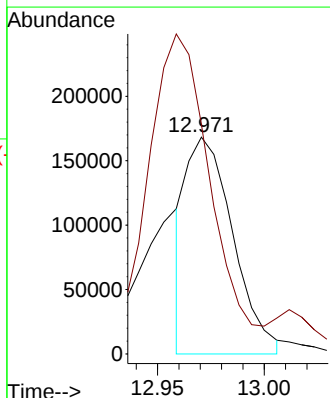
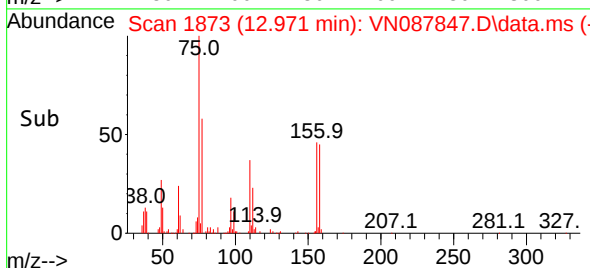
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

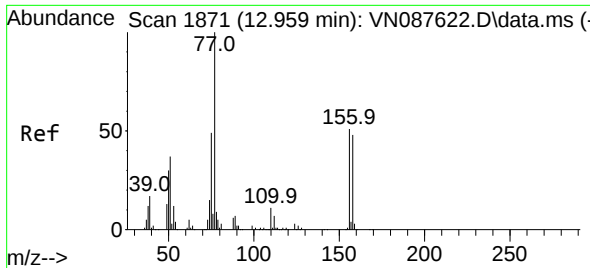


#76
1,2,3-Trichloropropane
Concen: 48.230 ug/l m
RT: 12.971 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN087847.D
Acq: 16 Sep 2025 13:55



Tgt Ion: 75 Resp: 256155
Ion Ratio Lower Upper
75 100
77 200.5 89.1 267.4





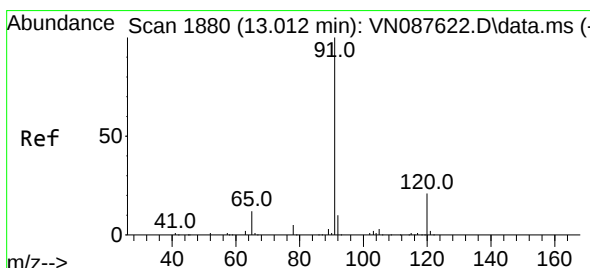
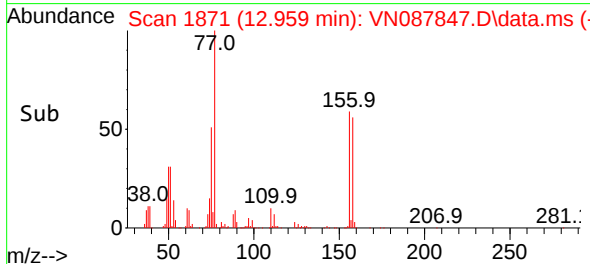
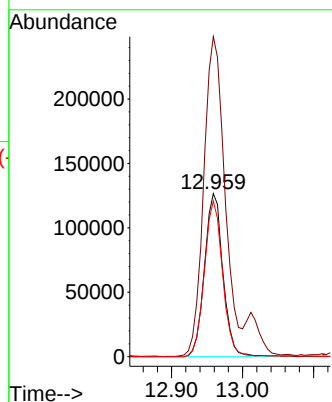
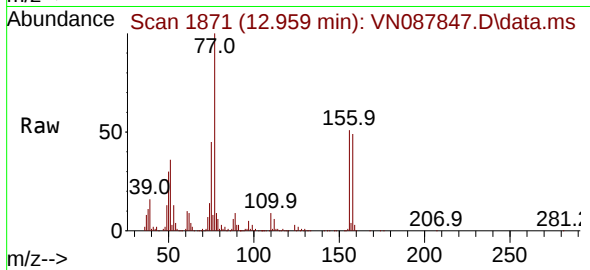
#77
Bromobenzene
Concen: 53.044 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN087847.D
Acq: 16 Sep 2025 13:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:156 Resp: 22889
Ion Ratio Lower Upper
156 100
77 224.4 119.3 358.0
158 94.1 48.2 144.6

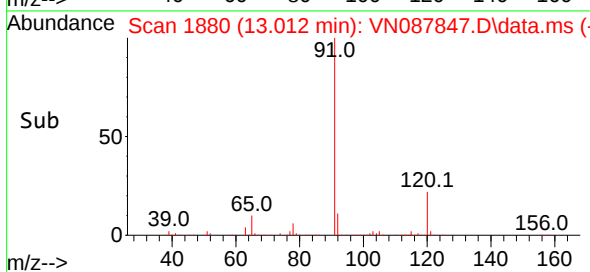
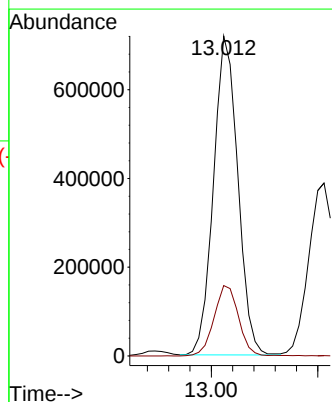
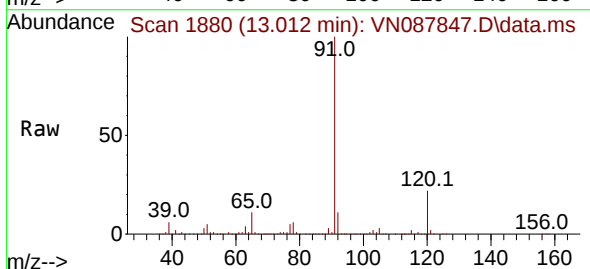
Manual Integrations
APPROVED

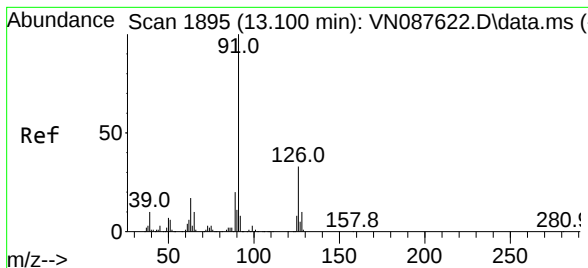
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025



#78
n-propylbenzene
Concen: 50.543 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN087847.D
Acq: 16 Sep 2025 13:55

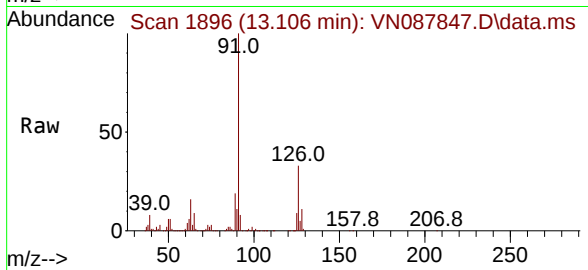
Tgt Ion: 91 Resp: 1139368
Ion Ratio Lower Upper
91 100
120 22.3 10.7 32.1





#79
2-Chlorotoluene
Concen: 49.565 ug/l
RT: 13.106 min Scan# 1895
Delta R.T. 0.006 min
Lab File: VN087847.D
Acq: 16 Sep 2025 13:55

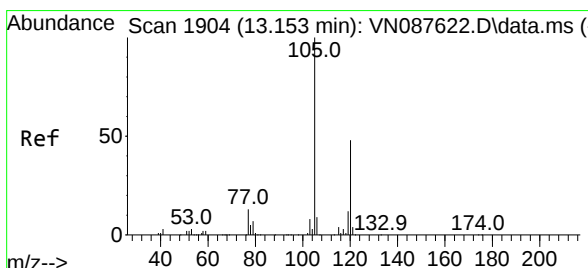
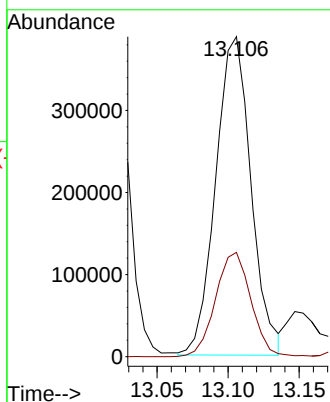
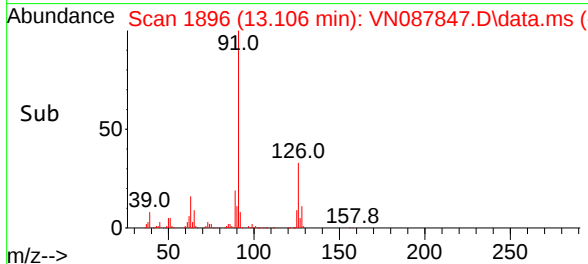
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



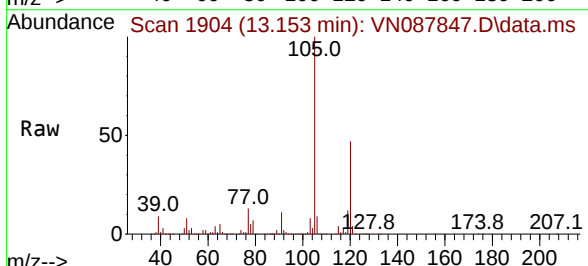
Tgt Ion: 91 Resp: 67239
Ion Ratio Lower Upper
91 100
126 32.8 16.1 48.3

Manual Integrations
APPROVED

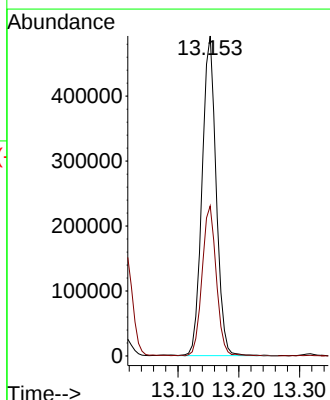
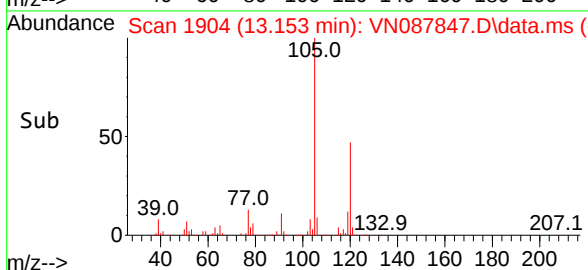
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

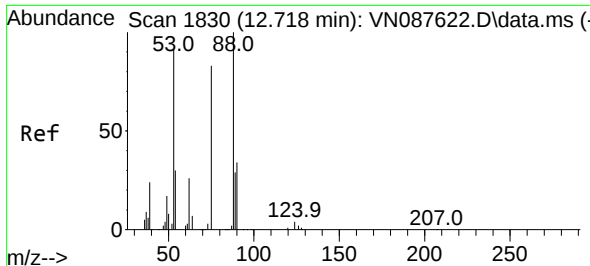


#80
1,3,5-Trimethylbenzene
Concen: 51.039 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VN087847.D
Acq: 16 Sep 2025 13:55



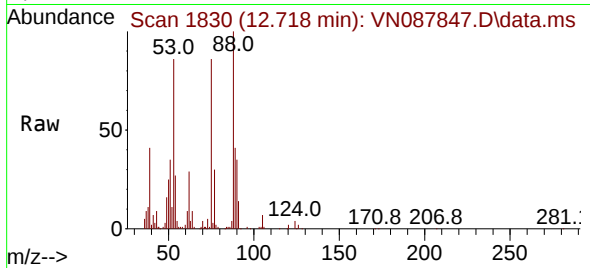
Tgt Ion:105 Resp: 792404
Ion Ratio Lower Upper
105 100
120 47.0 23.2 69.6





#81
trans-1,4-Dichloro-2-butene
Concen: 53.803 ug/l
RT: 12.718 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN087847.D
Acq: 16 Sep 2025 13:55

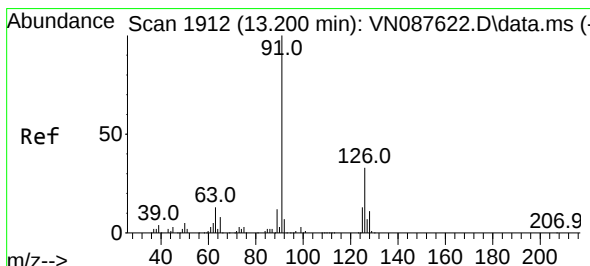
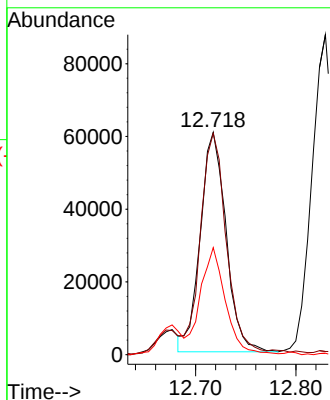
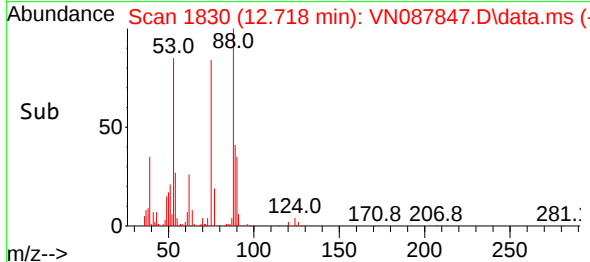
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



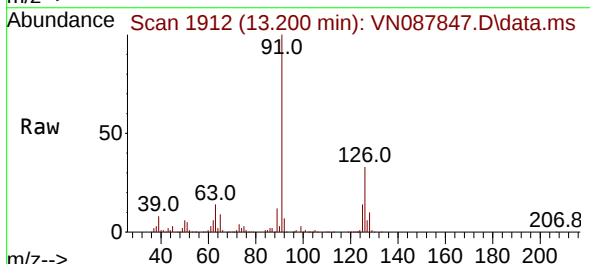
Tgt Ion: 75 Resp: 107938
Ion Ratio Lower Upper
75 100
53 97.4 101.8 152.6
89 46.7 35.6 53.4

Manual Integrations
APPROVED

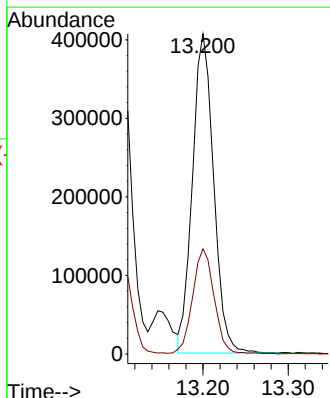
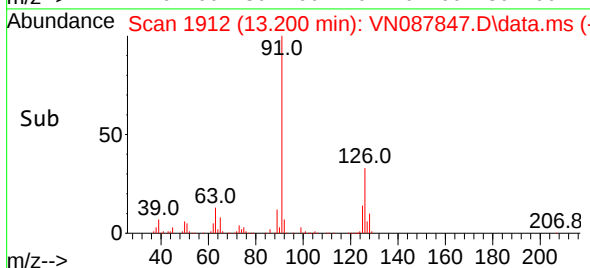
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

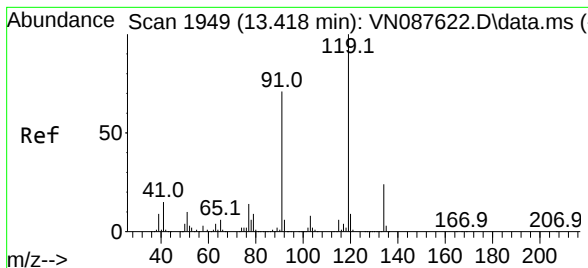


#82
4-Chlorotoluene
Concen: 49.180 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VN087847.D
Acq: 16 Sep 2025 13:55



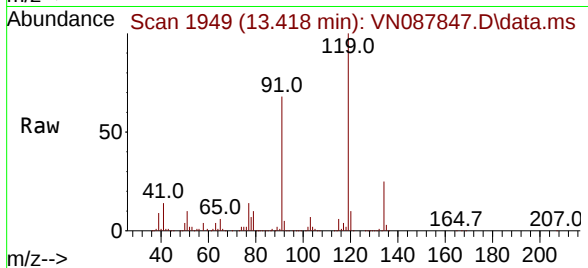
Tgt Ion: 91 Resp: 701460
Ion Ratio Lower Upper
91 100
126 33.6 15.6 46.8





#83
tert-Butylbenzene
Concen: 52.096 ug/l
RT: 13.418 min Scan# 1949
Delta R.T. -0.000 min
Lab File: VN087847.D
Acq: 16 Sep 2025 13:55

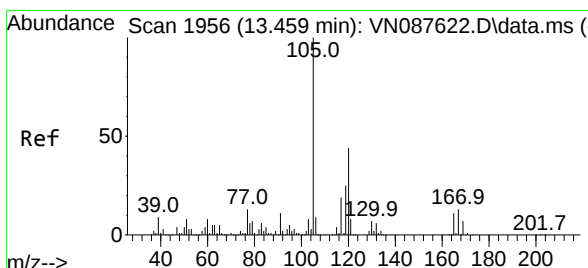
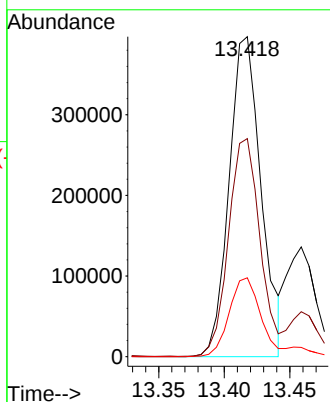
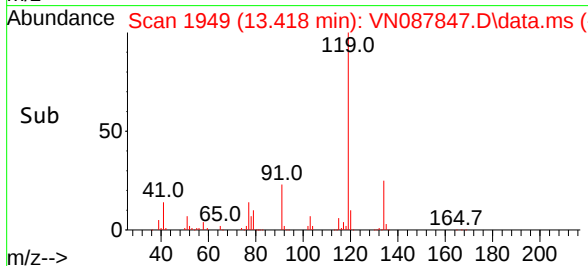
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



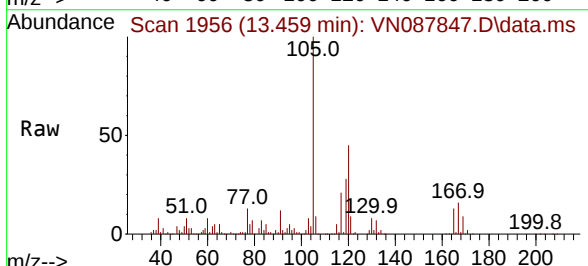
Tgt Ion:119 Resp: 674000
Ion Ratio Lower Upper
119 100
91 66.9 35.0 105.0
134 24.4 12.6 37.8

Manual Integrations
APPROVED

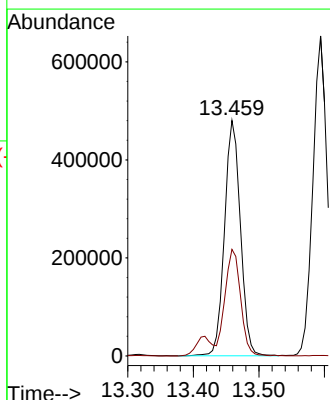
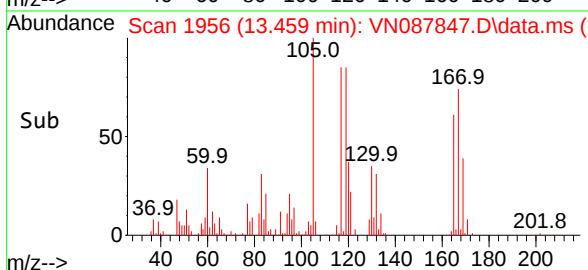
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

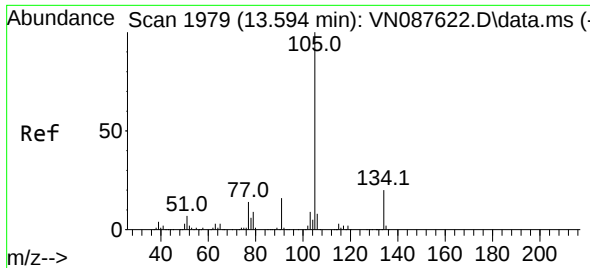


#84
1,2,4-Trimethylbenzene
Concen: 52.018 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN087847.D
Acq: 16 Sep 2025 13:55



Tgt Ion:105 Resp: 808453
Ion Ratio Lower Upper
105 100
120 44.1 22.0 66.0





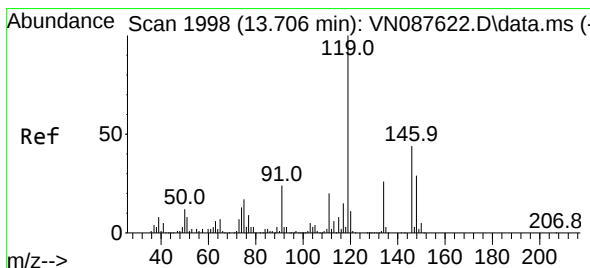
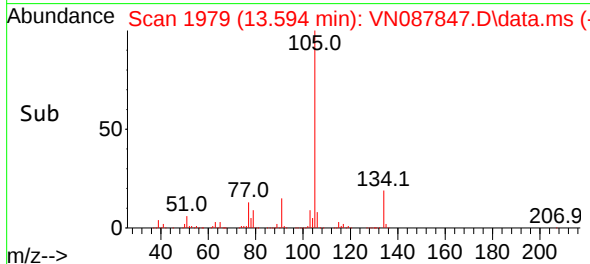
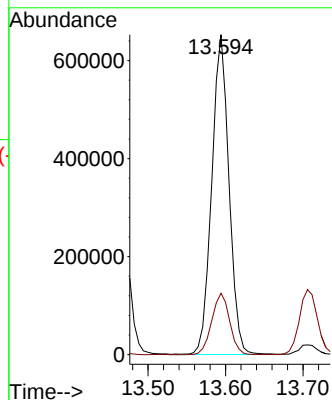
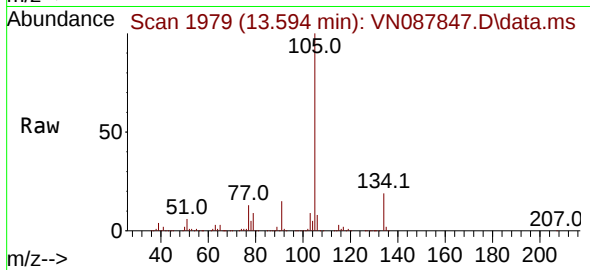
#85
 sec-Butylbenzene
 Concen: 52.481 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. -0.000 min
 Lab File: VN087847.D
 Acq: 16 Sep 2025 13:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 1007598
 Ion Ratio Lower Upper
 105 100
 134 20.0 9.6 28.6

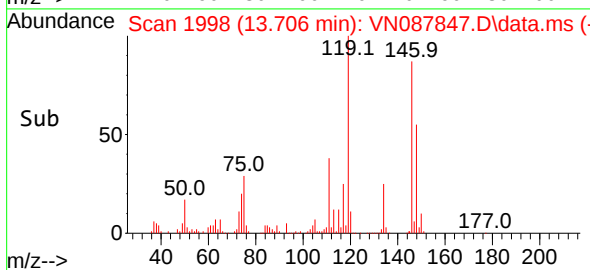
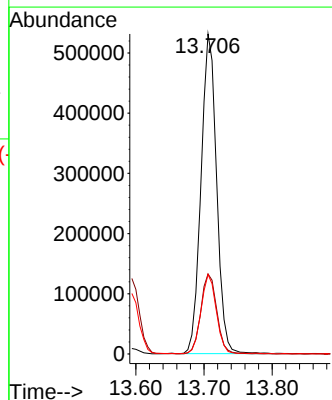
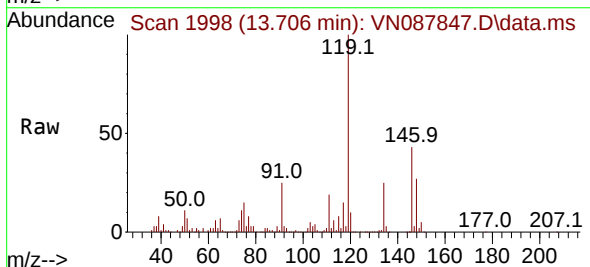
Manual Integrations
 APPROVED

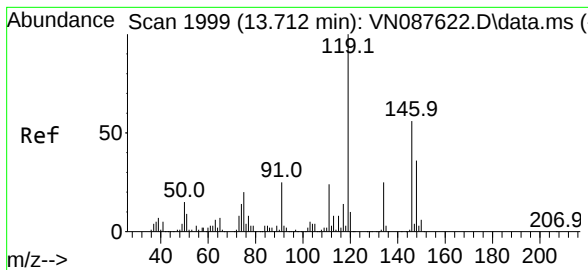
Reviewed By :John Carlone 09/17/2025
 Supervised By :Mahesh Dadoda 09/18/2025



#86
 p-Isopropyltoluene
 Concen: 53.083 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. -0.000 min
 Lab File: VN087847.D
 Acq: 16 Sep 2025 13:55

Tgt Ion:119 Resp: 841554
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.7 38.0
 91 24.1 12.5 37.5





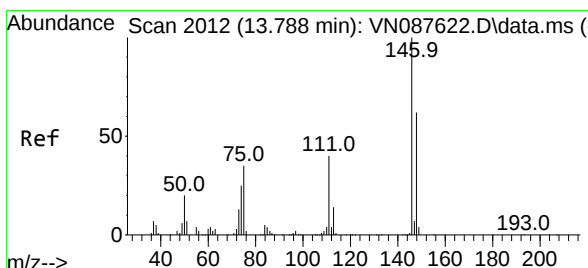
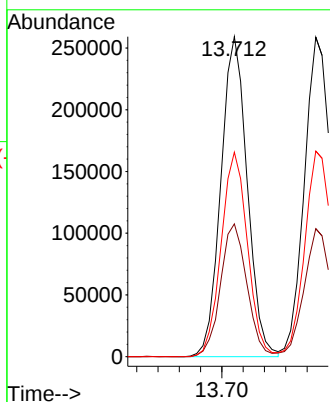
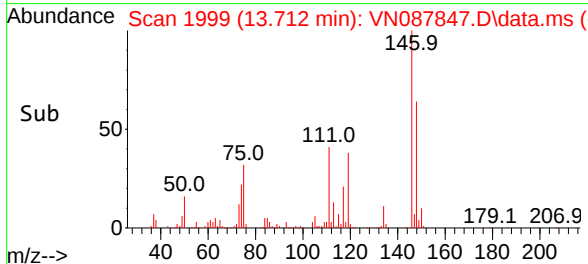
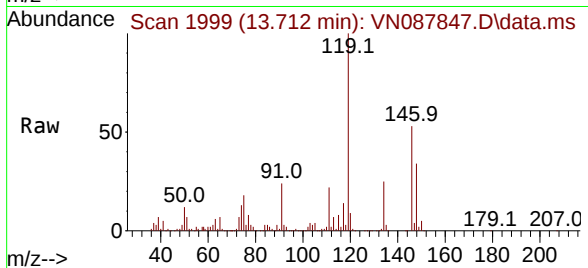
#87
1,3-Dichlorobenzene
Concen: 52.429 ug/l
RT: 13.712 min Scan# 1999
Delta R.T. -0.000 min
Lab File: VN087847.D
Acq: 16 Sep 2025 13:55

Instrument : MSVOA_N
ClientSampleId : VSTDCCC050

Tgt Ion:146 Resp: 445529
Ion Ratio Lower Upper
146 100
111 41.5 22.1 66.5
148 63.7 32.0 96.2

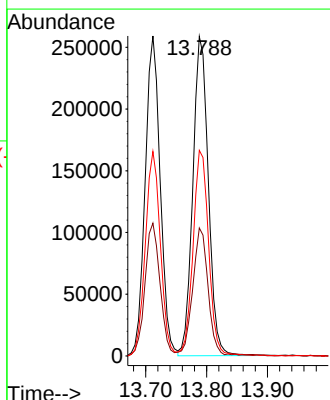
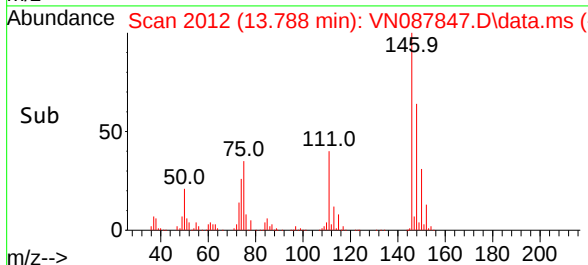
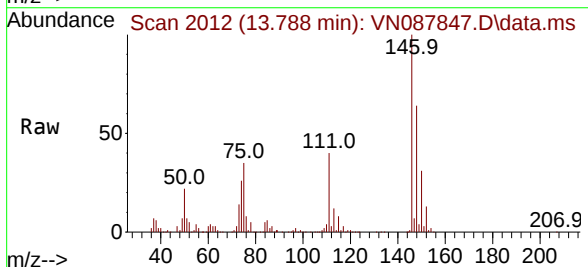
Manual Integrations
APPROVED

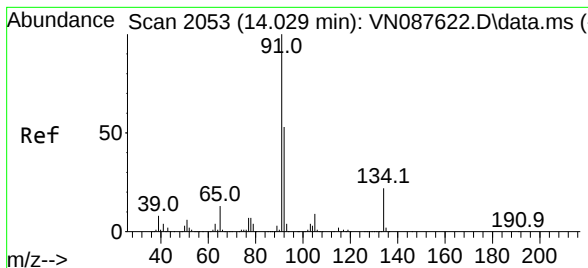
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025



#88
1,4-Dichlorobenzene
Concen: 51.672 ug/l
RT: 13.788 min Scan# 1212
Delta R.T. -0.000 min
Lab File: VN087847.D
Acq: 16 Sep 2025 13:55

Tgt Ion:146 Resp: 456948
Ion Ratio Lower Upper
146 100
111 39.7 21.0 63.0
148 64.7 32.0 96.0





#89

n-Butylbenzene

Concen: 52.997 ug/l

RT: 14.035 min Scan# 2054

Delta R.T. 0.006 min

Lab File: VN087847.D

Acq: 16 Sep 2025 13:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 83444

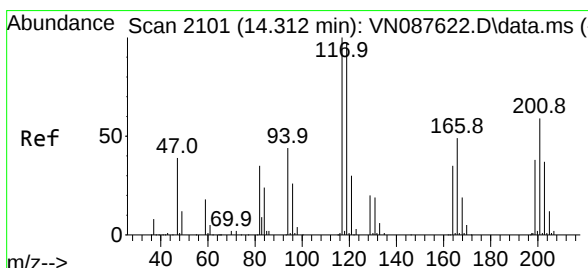
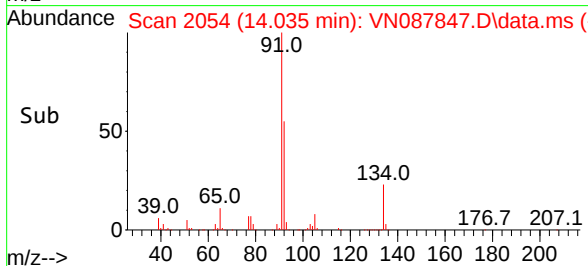
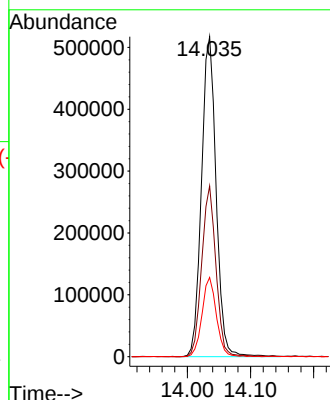
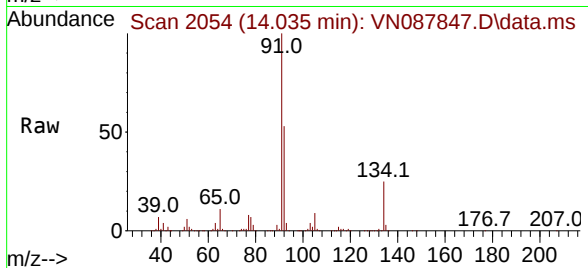
Ion	Ratio	Lower	Upper
91	100		
92	51.8	25.9	77.8
134	24.4	11.7	35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/17/2025

Supervised By :Mahesh Dadoda 09/18/2025



#90

Hexachloroethane

Concen: 54.904 ug/l

RT: 14.312 min Scan# 2101

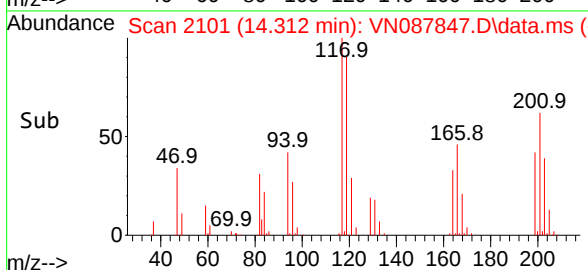
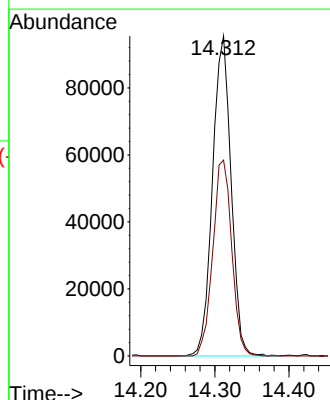
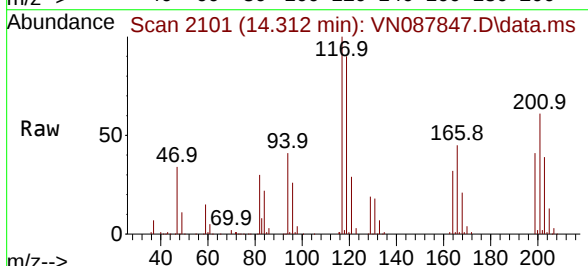
Delta R.T. -0.000 min

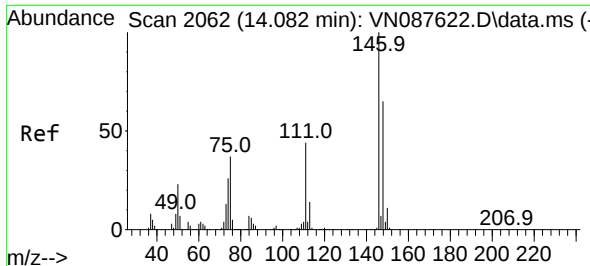
Lab File: VN087847.D

Acq: 16 Sep 2025 13:55

Tgt Ion:117 Resp: 165831

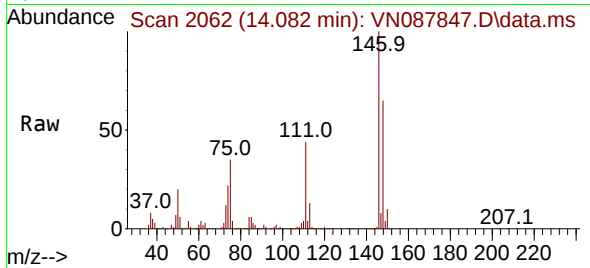
Ion	Ratio	Lower	Upper
117	100		
201	62.5	29.1	87.4





#91
1,2-Dichlorobenzene
Concen: 52.963 ug/l
RT: 14.082 min Scan# 2062
Delta R.T. -0.000 min
Lab File: VN087847.D
Acq: 16 Sep 2025 13:55

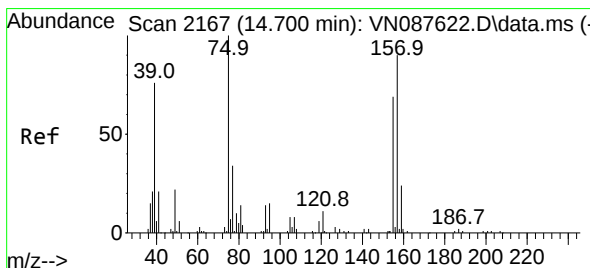
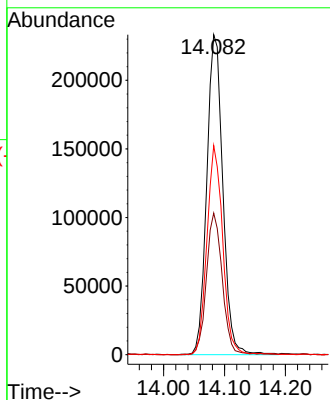
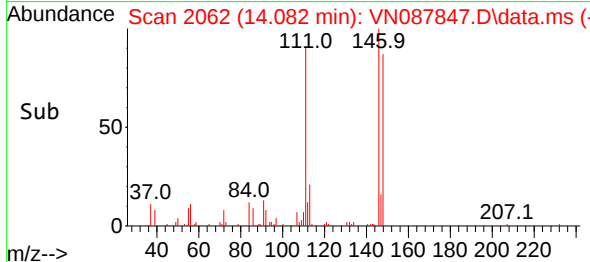
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



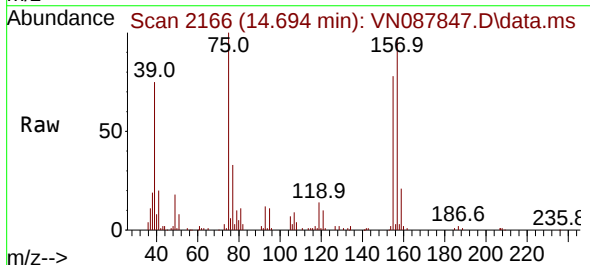
Tgt Ion:146 Resp: 42698
Ion Ratio Lower Upper
146 100
111 43.8 22.6 67.8
148 63.9 31.9 95.9

Manual Integrations
APPROVED

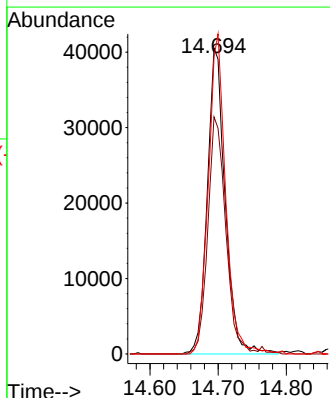
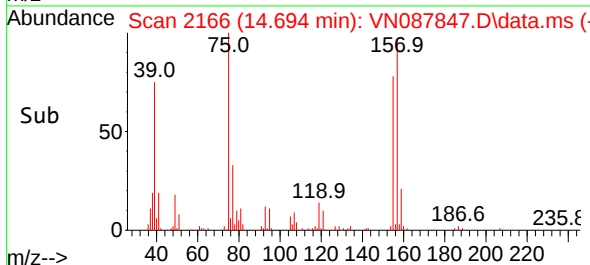
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

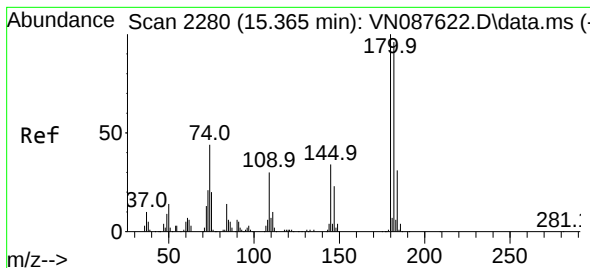


#92
1,2-Dibromo-3-Chloropropane
Concen: 49.587 ug/l
RT: 14.694 min Scan# 2166
Delta R.T. -0.006 min
Lab File: VN087847.D
Acq: 16 Sep 2025 13:55



Tgt Ion: 75 Resp: 74222
Ion Ratio Lower Upper
75 100
155 77.7 36.6 109.9
157 101.8 45.6 136.9





#93

1,2,4-Trichlorobenzene

Concen: 56.445 ug/l

RT: 15.370 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN087847.D

Acq: 16 Sep 2025 13:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:180 Resp: 27325

Ion Ratio Lower Upper

180 100

182 94.5 47.6 142.9

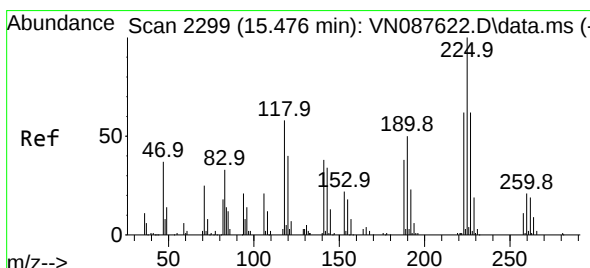
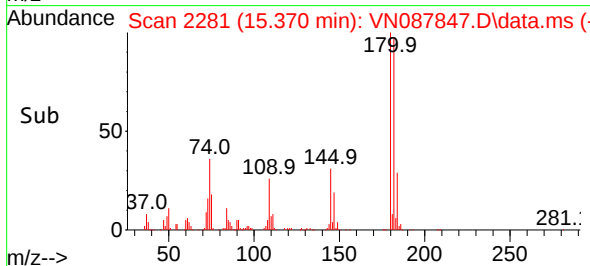
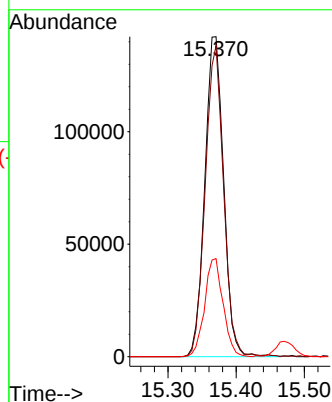
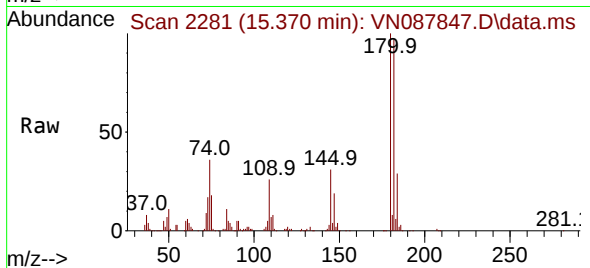
145 30.1 16.5 49.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/17/2025

Supervised By :Mahesh Dadoda 09/18/2025



#94

Hexachlorobutadiene

Concen: 60.079 ug/l

RT: 15.476 min Scan# 2299

Delta R.T. -0.000 min

Lab File: VN087847.D

Acq: 16 Sep 2025 13:55

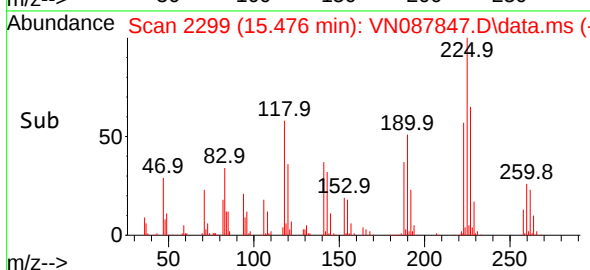
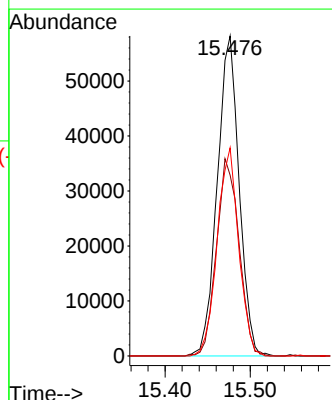
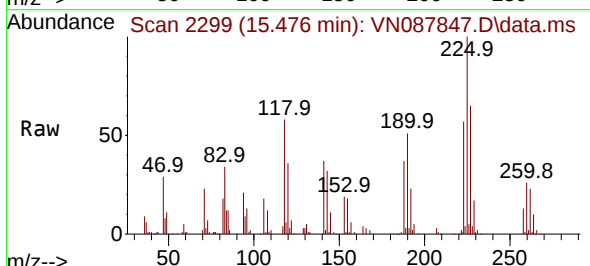
Tgt Ion:225 Resp: 103689

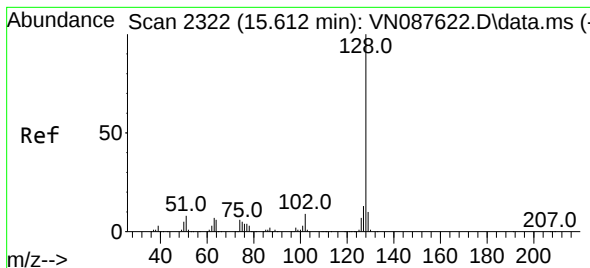
Ion Ratio Lower Upper

225 100

223 63.8 32.0 96.2

227 64.0 32.1 96.5





#95

Naphthalene

Concen: 53.862 ug/l

RT: 15.612 min Scan# 2322

Delta R.T. -0.000 min

Lab File: VN087847.D

Acq: 16 Sep 2025 13:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

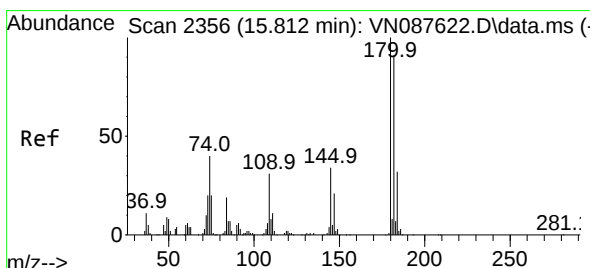
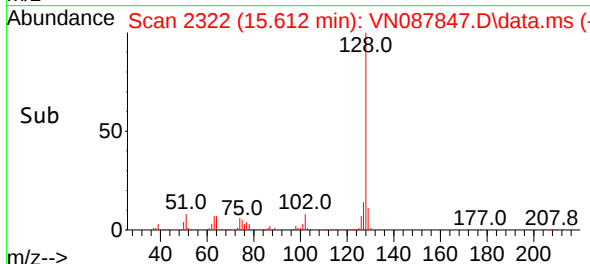
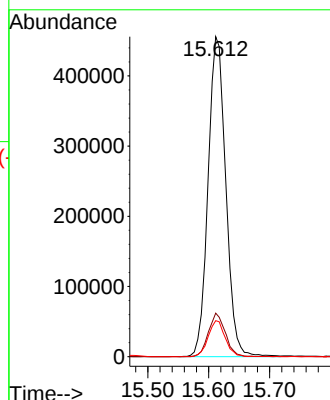
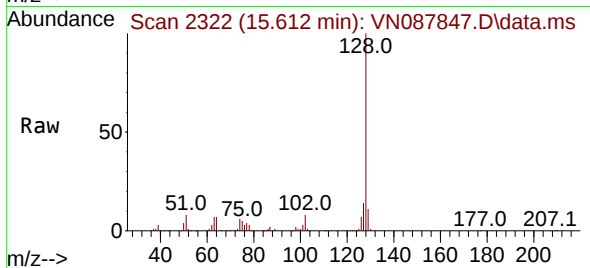
Tgt Ion:128	Resp: 923574
Ion Ratio	Lower Upper
128 100	
127 13.0	10.6 15.8
129 10.8	8.6 12.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/17/2025

Supervised By :Mahesh Dadoda 09/18/2025



#96

1,2,3-Trichlorobenzene

Concen: 55.379 ug/l

RT: 15.812 min Scan# 2356

Delta R.T. -0.000 min

Lab File: VN087847.D

Acq: 16 Sep 2025 13:55

Tgt Ion:180	Resp: 262091
Ion Ratio	Lower Upper
180 100	
182 96.2	46.8 140.3
145 33.4	17.3 52.0

