

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062625\
 Data File : VN087200.D
 Acq On : 26 Jun 2025 17:36
 Operator : JC\MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC020

Quant Time: Jun 27 05:20:55 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062625W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 27 05:16:47 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 06/27/2025
 Supervised By : Mahesh Dadoda 06/27/2025

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	170364	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	268524	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	306482	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	148859	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	48705	19.866	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	39.740%#		
35) Dibromofluoromethane	8.171	113	40792	23.497	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	47.000%#		
50) Toluene-d8	10.565	98	170429	23.736	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	47.480%#		
62) 4-Bromofluorobenzene	12.847	95	58533	23.494	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	46.980%#		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.154	85	42367	19.845	ug/l	97
3) Chloromethane	2.395	50	42188	20.239	ug/l	94
4) Vinyl Chloride	2.554	62	46155	20.491	ug/l	98
5) Bromomethane	2.989	94	25150	20.805	ug/l	95
6) Chloroethane	3.148	64	24283	20.631	ug/l	95
7) Trichlorofluoromethane	3.530	101	60511	22.560	ug/l	98
8) Diethyl Ether	3.983	74	27699	23.216	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.395	101	45818	22.596	ug/l	97
10) Methyl Iodide	4.612	142	30583	18.314	ug/l	96
11) Tert butyl alcohol	5.536	59	56922	105.373	ug/l	100
12) 1,1-Dichloroethene	4.371	96	44084	22.059	ug/l	98
13) Acrolein	4.195	56	38641	86.757	ug/l	97
14) Allyl chloride	5.048	41	69613	21.069	ug/l	98
15) Acrylonitrile	5.736	53	157621	106.494	ug/l	99
16) Acetone	4.448	43	134913	109.535	ug/l	99
17) Carbon Disulfide	4.742	76	137611	22.505	ug/l	97
18) Methyl Acetate	5.042	43	64268	21.151	ug/l	99
19) Methyl tert-butyl Ether	5.812	73	153142	22.248	ug/l	100
20) Methylene Chloride	5.301	84	51396	22.998	ug/l	95
21) trans-1,2-Dichloroethene	5.806	96	49088	22.147	ug/l	99
22) Diisopropyl ether	6.689	45	155435	21.840	ug/l	98
23) Vinyl Acetate	6.618	43	706511	111.013	ug/l	99
24) 1,1-Dichloroethane	6.583	63	91143	21.684	ug/l	99
25) 2-Butanone	7.495	43	214331	115.308	ug/l	96
26) 2,2-Dichloropropane	7.500	77	75173	22.499	ug/l	99
27) cis-1,2-Dichloroethene	7.495	96	57553	22.333	ug/l	99
28) Bromochloromethane	7.818	49	40932	22.152	ug/l	98
29) Tetrahydrofuran	7.847	42	144001	118.160	ug/l	97
30) Chloroform	7.977	83	89842	22.660	ug/l	98
31) Cyclohexane	8.265	56	77867	20.515	ug/l	94
32) 1,1,1-Trichloroethane	8.171	97	72976	21.424	ug/l	99
36) 1,1-Dichloropropene	8.377	75	60757	23.893	ug/l	100
37) Ethyl Acetate	7.571	43	85989	25.111	ug/l	99
38) Carbon Tetrachloride	8.371	117	60127	24.279	ug/l	98
39) Methylcyclohexane	9.606	83	76987	24.815	ug/l	98
40) Benzene	8.606	78	183705	23.382	ug/l	99

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Manual Integrations APPROVED

Reviewed By : John Carlone 06/27/2025
 Supervised By : Mahesh Dadoda 06/27/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	42490	25.531	ug/l	97
42) 1,2-Dichloroethane	8.677	62	53988	21.137	ug/l	99
43) Isopropyl Acetate	8.694	43	97071	20.765	ug/l	99
44) Trichloroethene	9.359	130	45669	24.277	ug/l	95
45) 1,2-Dichloropropane	9.624	63	51430	25.395	ug/l	100
46) Dibromomethane	9.712	93	35247	25.682	ug/l	98
47) Bromodichloromethane	9.888	83	70549	25.595	ug/l	98
48) Methyl methacrylate	9.683	41	56485	24.991	ug/l	98
49) 1,4-Dioxane	9.706	88	16017	413.699	ug/l #	98
51) 4-Methyl-2-Pentanone	10.447	43	393796	115.127	ug/l	99
52) Toluene	10.630	92	126615	25.208	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	76661	24.943	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	82961	25.369	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	48288	25.419	ug/l	99
56) Ethyl methacrylate	10.883	69	73482	22.589	ug/l	97
57) 1,3-Dichloropropane	11.165	76	84644	25.220	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	179171	101.331	ug/l	100
59) 2-Hexanone	11.206	43	232303	111.698	ug/l	96
60) Dibromochloromethane	11.359	129	51223	24.794	ug/l	99
61) 1,2-Dibromoethane	11.465	107	50336	25.067	ug/l	98
64) Tetrachloroethene	11.100	164	38772	20.669	ug/l	97
65) Chlorobenzene	11.888	112	141776	20.856	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	45618	21.009	ug/l	99
67) Ethyl Benzene	11.959	91	236965	20.901	ug/l	99
68) m/p-Xylenes	12.071	106	184445	42.518	ug/l	99
69) o-Xylene	12.394	106	84954	21.543	ug/l	98
70) Styrene	12.412	104	147068	21.727	ug/l	99
71) Bromoform	12.577	173	33471	20.770	ug/l #	99
73) Isopropylbenzene	12.694	105	218564	21.689	ug/l	99
74) N-amyl acetate	12.535	43	78171m	20.993	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.935	83	77858	21.452	ug/l	100
76) 1,2,3-Trichloropropane	12.988	75	63938m	18.258	ug/l	
77) Bromobenzene	12.976	156	52344	21.373	ug/l	99
78) n-propylbenzene	13.035	91	267638	21.563	ug/l	100
79) 2-Chlorotoluene	13.124	91	161418	20.892	ug/l	100
80) 1,3,5-Trimethylbenzene	13.171	105	180017	21.639	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	30827	20.832	ug/l	90
82) 4-Chlorotoluene	13.218	91	165748	21.518	ug/l	99
83) tert-Butylbenzene	13.435	119	151859	21.251	ug/l	99
84) 1,2,4-Trimethylbenzene	13.476	105	181793	21.536	ug/l	100
85) sec-Butylbenzene	13.612	105	228579	21.712	ug/l	100
86) p-Isopropyltoluene	13.724	119	186341	21.581	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	104141	21.131	ug/l	98
88) 1,4-Dichlorobenzene	13.806	146	102599	20.248	ug/l	96
89) n-Butylbenzene	14.053	91	173749	21.658	ug/l	99
90) Hexachloroethane	14.329	117	34185	20.458	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	96075	20.699	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.718	75	16960	20.470	ug/l	97
93) 1,2,4-Trichlorobenzene	15.388	180	53745	20.799	ug/l	99
94) Hexachlorobutadiene	15.494	225	16783	20.589	ug/l	100
95) Naphthalene	15.635	128	202398	20.647	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	51827	20.314	ug/l	99

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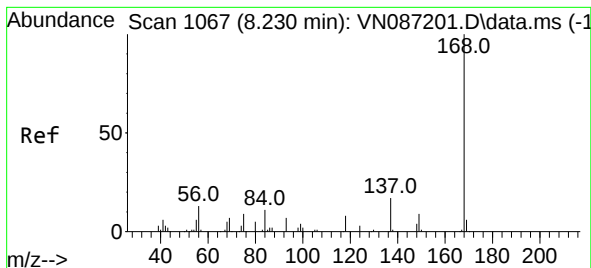
Manual Integrations
APPROVED

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Quant Time: Jun 27 05:20:55 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 27 05:16:47 2025
Response via : Initial Calibration

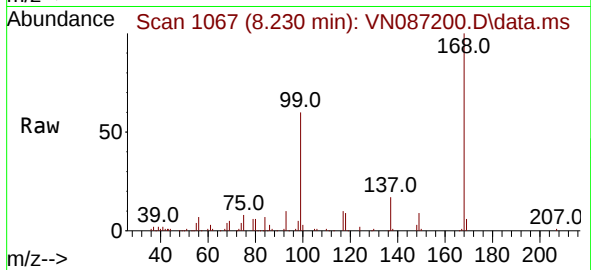
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN087200.D
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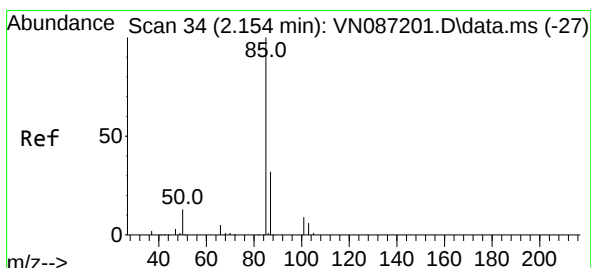
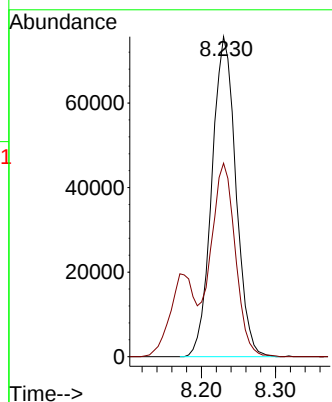
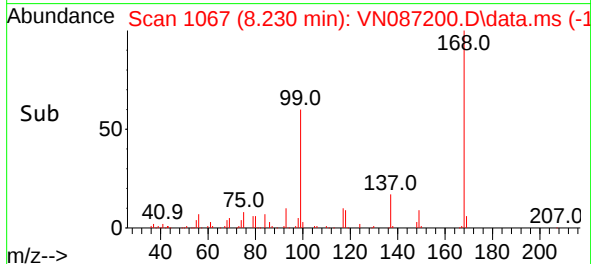
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion:168 Resp: 170364
Ion Ratio Lower Upper
168 100
99 60.4 47.9 71.9

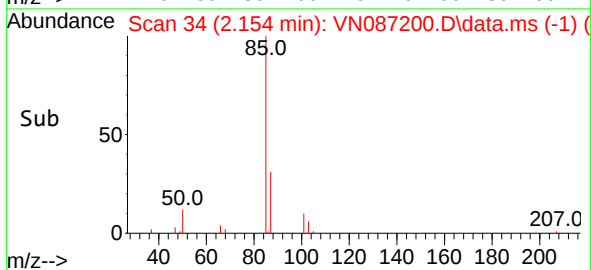
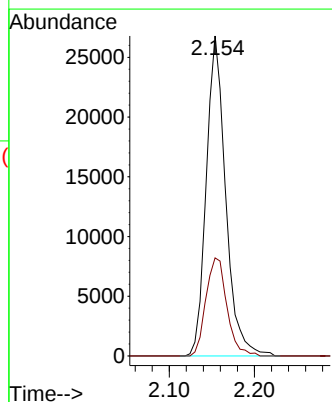
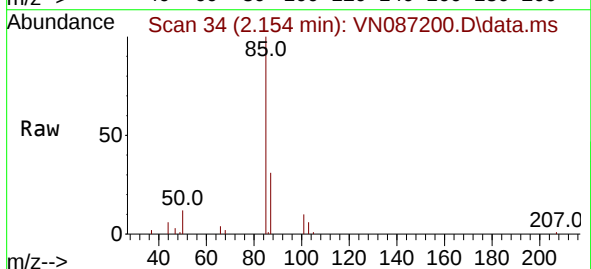
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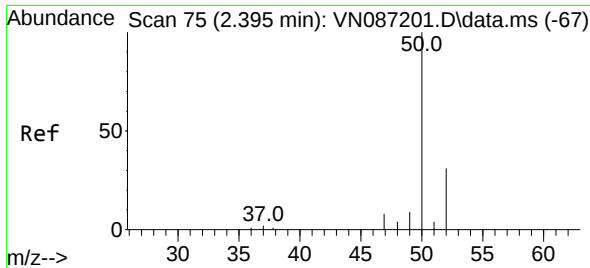
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



#2
Dichlorodifluoromethane
Concen: 19.845 ug/l
RT: 2.154 min Scan# 34
Delta R.T. 0.000 min
Lab File: VN087200.D
Acq: 26 Jun 2025 17:36

Tgt Ion: 85 Resp: 42367
Ion Ratio Lower Upper
85 100
87 30.7 16.1 48.3





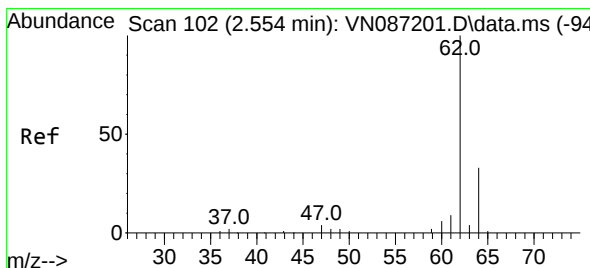
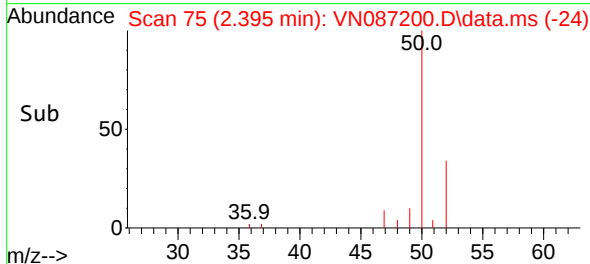
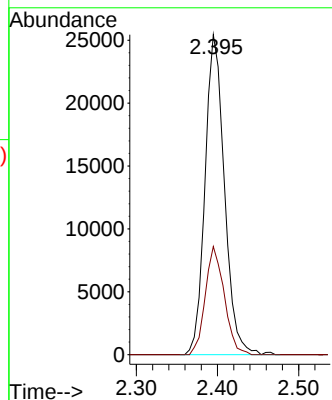
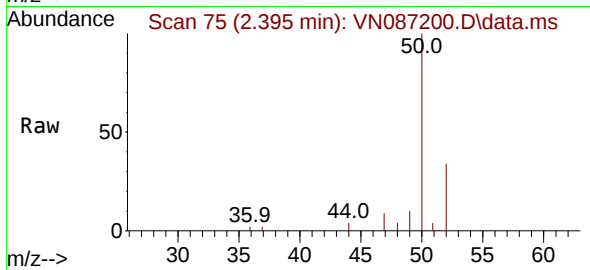
#3
Chloromethane
Concen: 20.239 ug/l
RT: 2.395 min Scan# 75
Delta R.T. 0.000 min
Lab File: VN087200.D
Acq: 26 Jun 2025 17:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 50 Resp: 42188
Ion Ratio Lower Upper
50 100
52 33.8 24.6 36.8

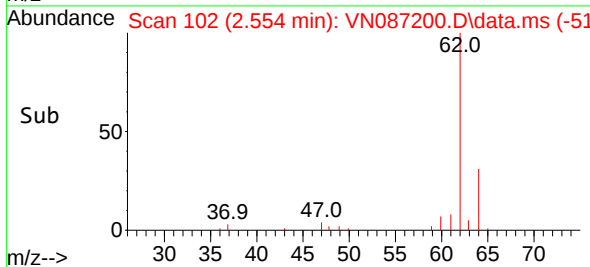
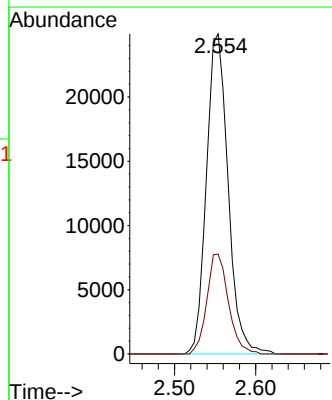
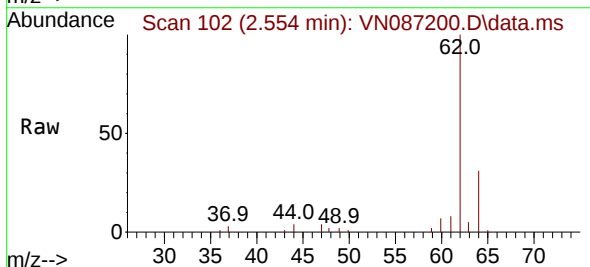
Manual Integrations
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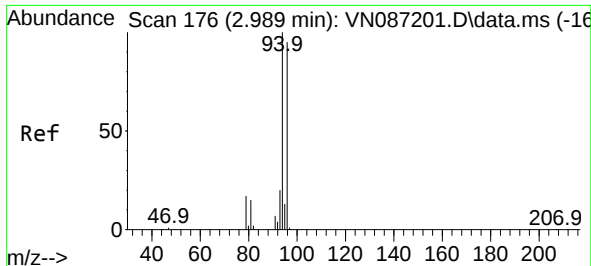
Reviewed By :John Carlone 06/27/2025
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#4
Vinyl Chloride
Concen: 20.491 ug/l
RT: 2.554 min Scan# 102
Delta R.T. 0.000 min
Lab File: VN087200.D
Acq: 26 Jun 2025 17:36

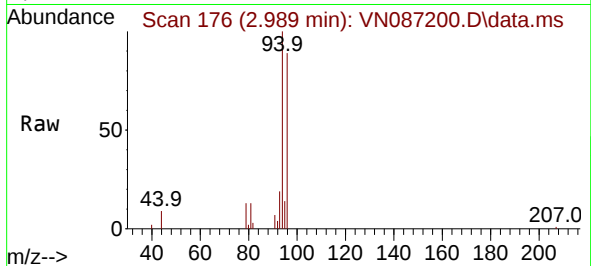
Tgt Ion: 62 Resp: 46155
Ion Ratio Lower Upper
62 100
64 31.2 26.0 39.0





#5
Bromomethane
Concen: 20.805 ug/l
RT: 2.989 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087200.D
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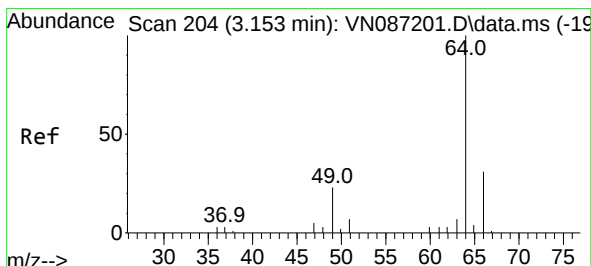
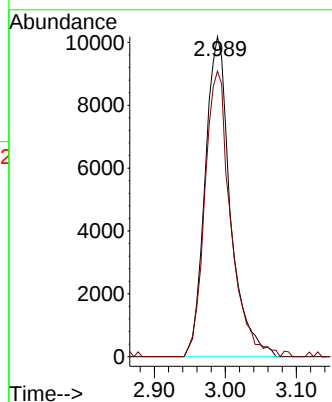
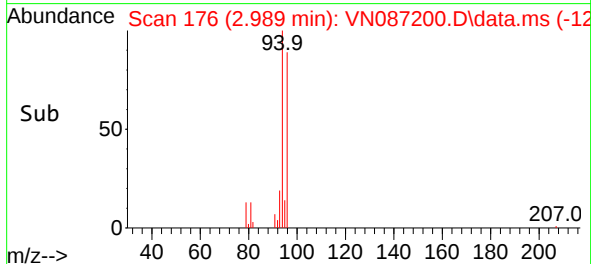
Instrument :
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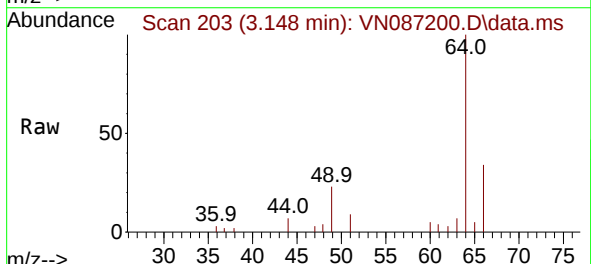
Tgt Ion: 94 Resp: 25150
Ion Ratio Lower Upper
94 100
96 89.3 75.7 113.5

Manual Integrations
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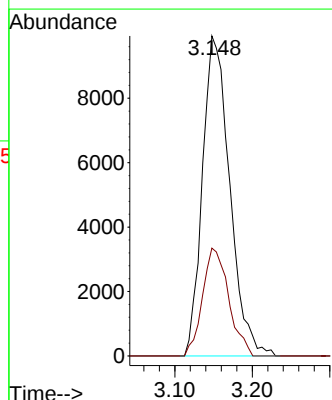
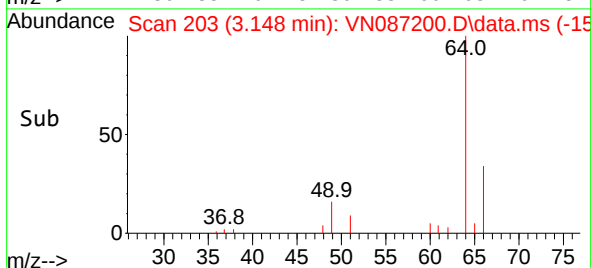
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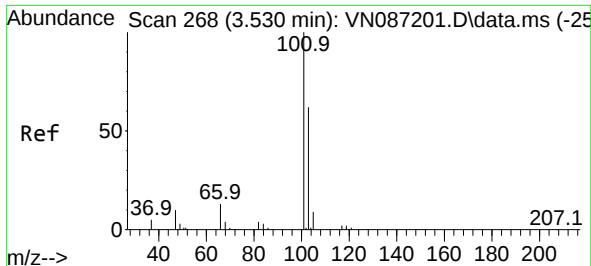


#6
Chloroethane
Concen: 20.631 ug/l
RT: 3.148 min Scan# 203
Delta R.T. -0.006 min
Lab File: VN087200.D
Acq: 26 Jun 2025 17:36



Tgt Ion: 64 Resp: 24283
Ion Ratio Lower Upper
64 100
66 33.7 25.0 37.4





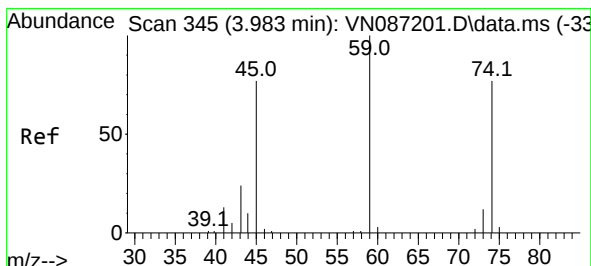
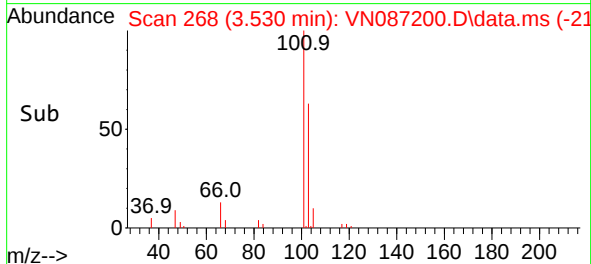
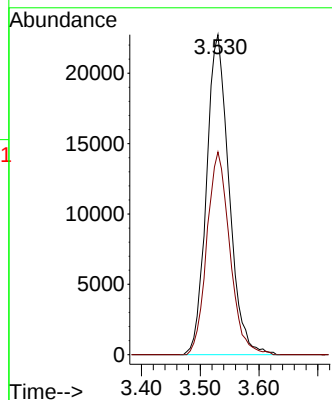
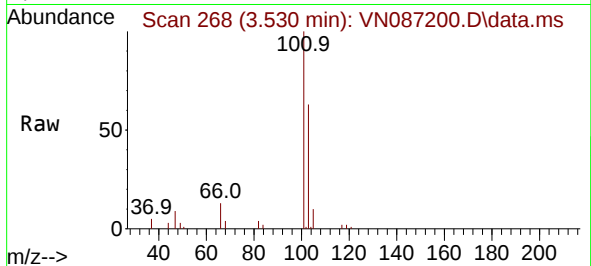
#7
 Trichlorofluoromethane
 Concen: 22.560 ug/l
 RT: 3.530 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN087200.D
 Acq: 26 Jun 2025 17:36

Instrument :
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 ClientSampleId :
 VSTDIC020

Tgt Ion: 101 Resp: 6051
 Ion Ratio Lower Upper
 101 100
 103 63.3 49.3 73.9

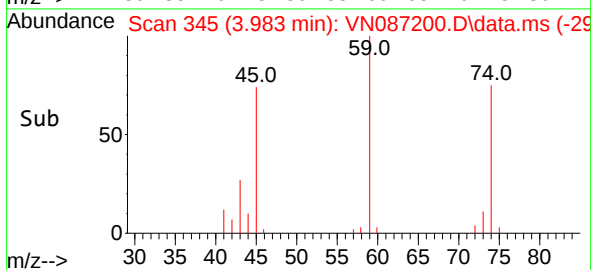
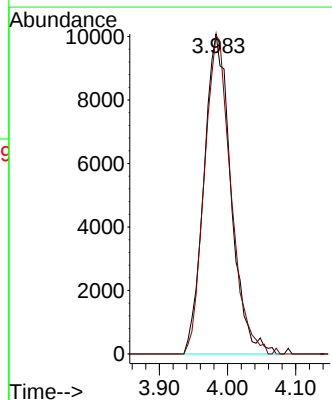
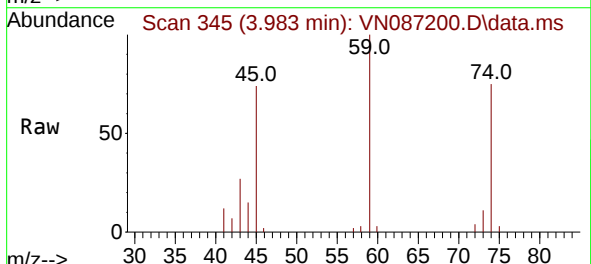
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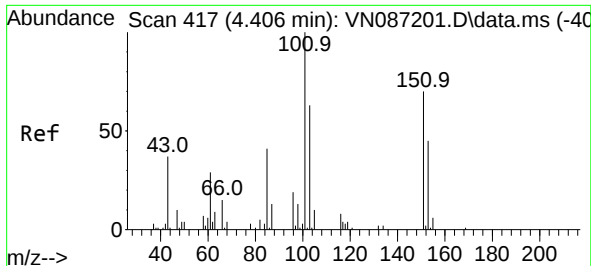
Reviewed By : John Carlone 06/27/2025
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#8
 Diethyl Ether
 Concen: 23.216 ug/l
 RT: 3.983 min Scan# 345
 Delta R.T. -0.000 min
 Lab File: VN087200.D
 Acq: 26 Jun 2025 17:36

Tgt Ion: 74 Resp: 27699
 Ion Ratio Lower Upper
 74 100
 45 98.0 47.0 141.2





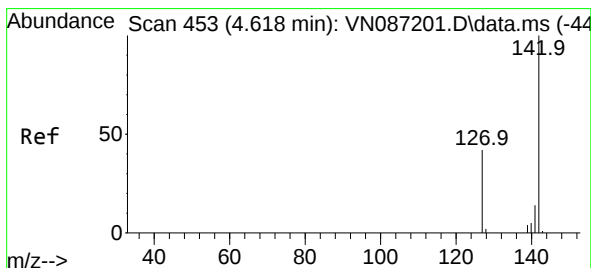
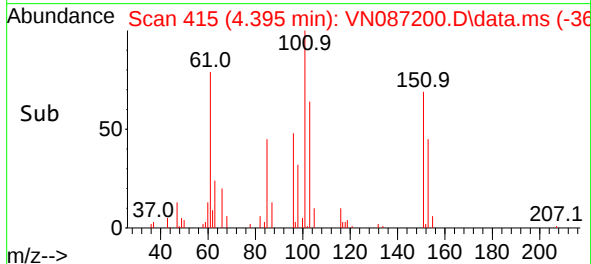
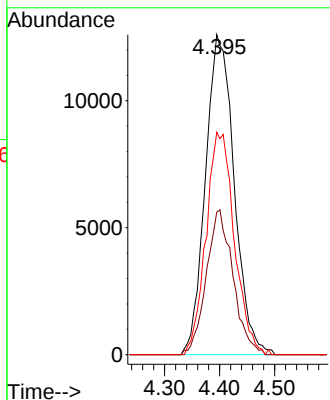
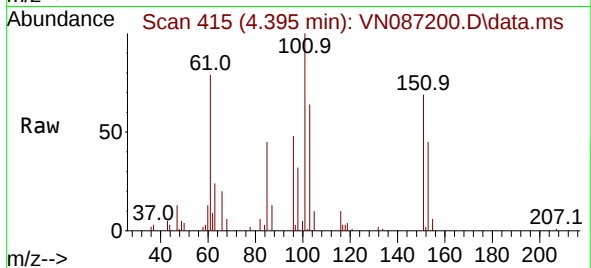
#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.596 ug/l
RT: 4.395 min Scan# 417
Delta R.T. -0.011 min
Lab File: VN087200.D
Acq: 26 Jun 2025 17:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:101 Resp: 45818
Ion Ratio Lower Upper
101 100
85 42.1 34.3 51.5
151 68.5 57.3 85.9

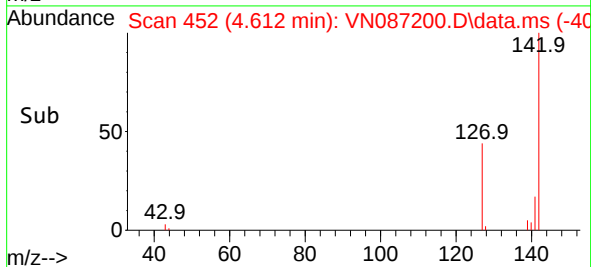
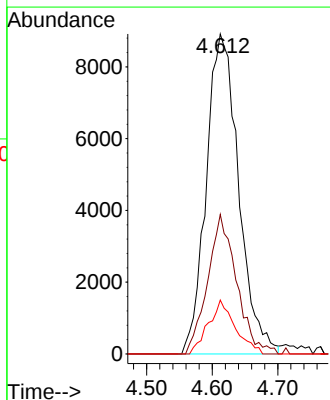
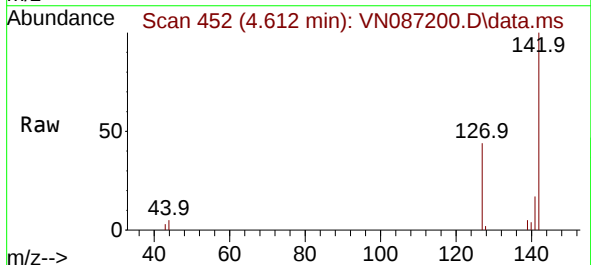
Manual Integrations
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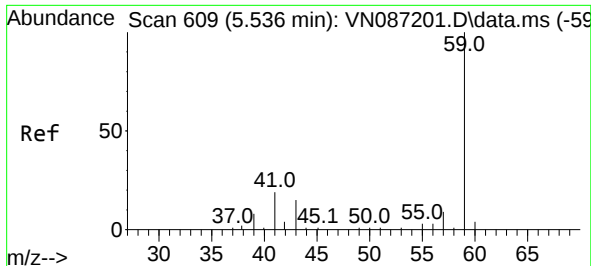
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



#10
Methyl Iodide
Concen: 18.314 ug/l
RT: 4.612 min Scan# 452
Delta R.T. -0.006 min
Lab File: VN087200.D
Acq: 26 Jun 2025 17:36

Tgt Ion:142 Resp: 30583
Ion Ratio Lower Upper
142 100
127 43.6 33.3 49.9
141 16.9 11.4 17.0





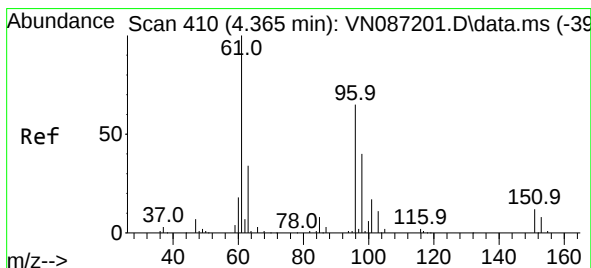
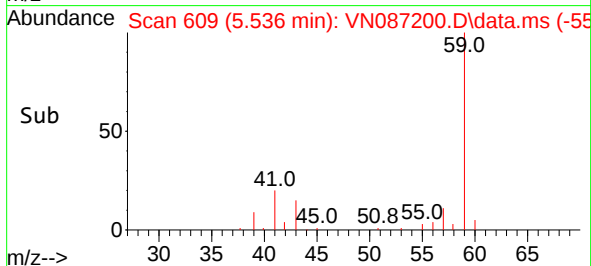
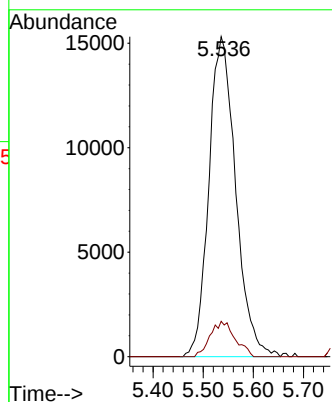
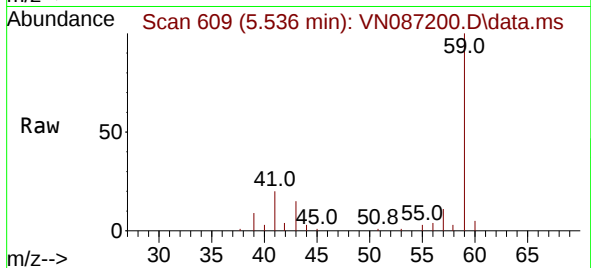
#11
Tert butyl alcohol
Concen: 105.373 ug/l
RT: 5.536 min Scan# 609
Delta R.T. -0.000 min
Lab File: VN087200.D
Acq: 26 Jun 2025 17:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 59 Resp: 5692
Ion Ratio Lower Upper
59 100
57 10.2 8.2 12.2

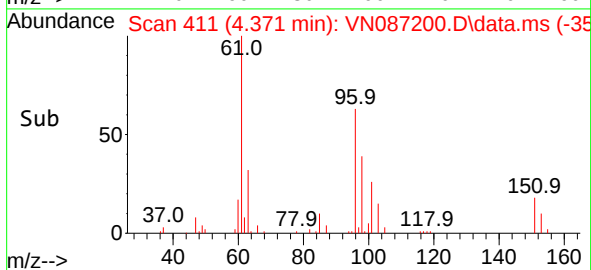
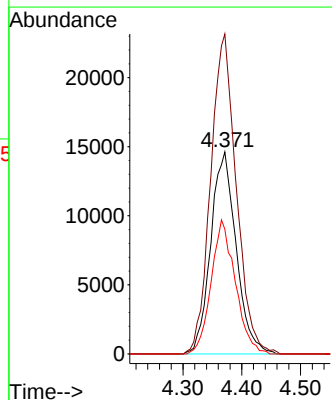
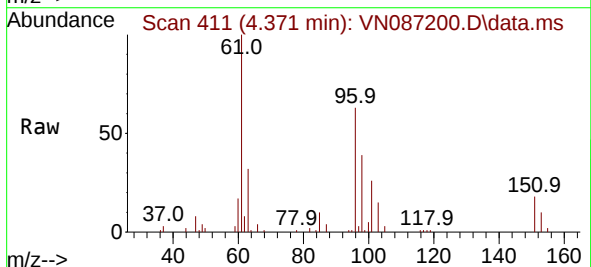
Manual Integrations
APPROVED

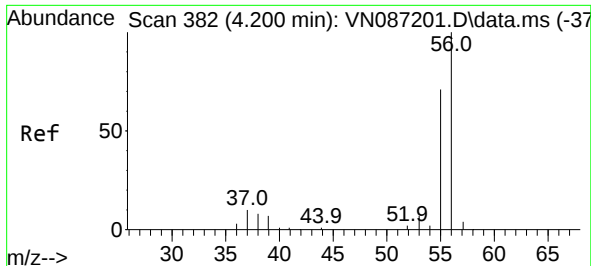
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



#12
1,1-Dichloroethene
Concen: 22.059 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN087200.D
Acq: 26 Jun 2025 17:36

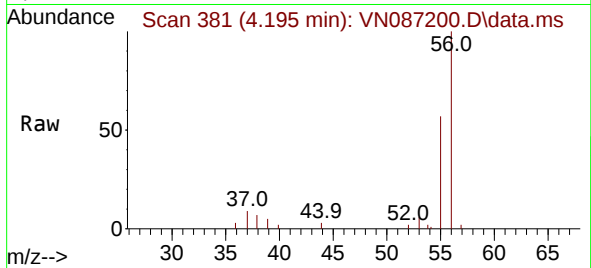
Tgt Ion: 96 Resp: 44084
Ion Ratio Lower Upper
96 100
61 158.4 123.5 185.3
98 61.7 49.5 74.3





#13
Acrolein
Concen: 86.757 ug/l
RT: 4.195 min Scan# 382
Delta R.T. -0.005 min
Lab File: VN087200.D
Acq: 26 Jun 2025 17:36

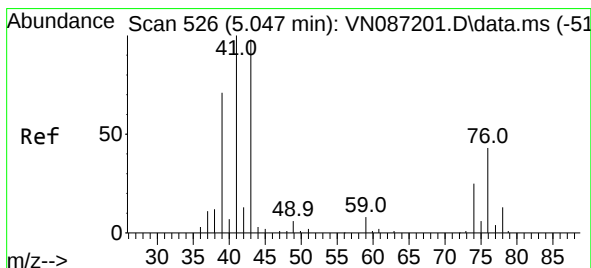
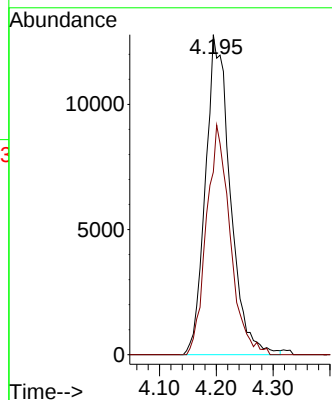
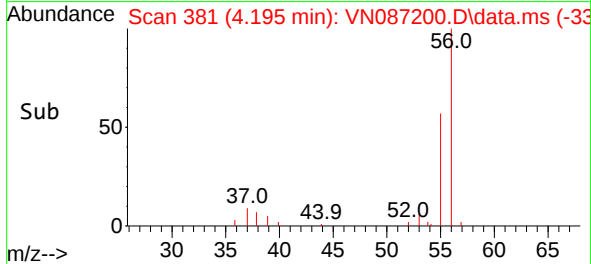
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



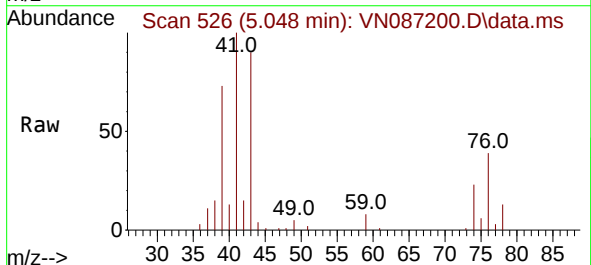
Tgt Ion: 56 Resp: 3864
Ion Ratio Lower Upper
56 100
55 68.8 56.8 85.2

Manual Integrations
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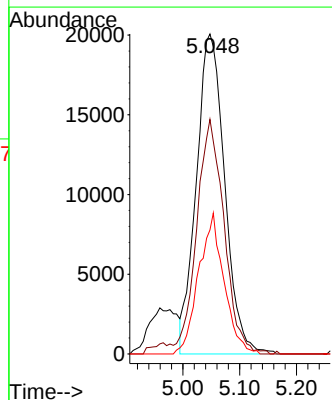
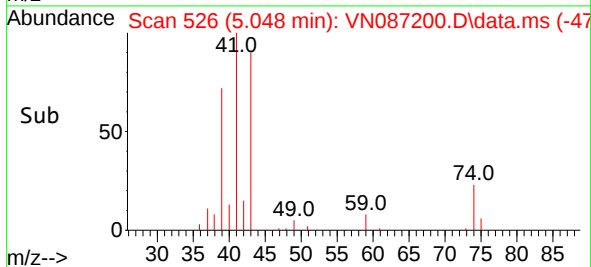
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025

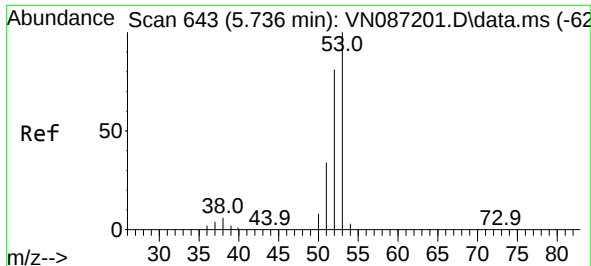


#14
Allyl chloride
Concen: 21.069 ug/l
RT: 5.048 min Scan# 526
Delta R.T. 0.001 min
Lab File: VN087200.D
Acq: 26 Jun 2025 17:36



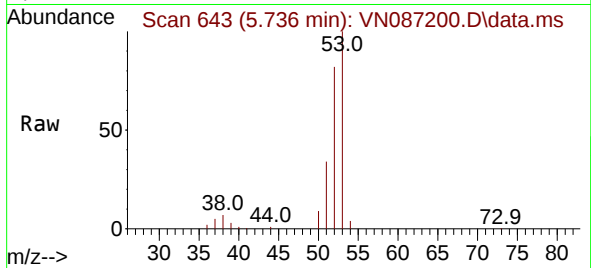
Tgt Ion: 41 Resp: 69613
Ion Ratio Lower Upper
41 100
39 70.9 55.0 82.6
76 39.3 31.3 46.9





#15
Acrylonitrile
Concen: 106.494 ug/l
RT: 5.736 min Scan# 643
Delta R.T. -0.000 min
Lab File: VN087200.D
Acq: 26 Jun 2025 17:36

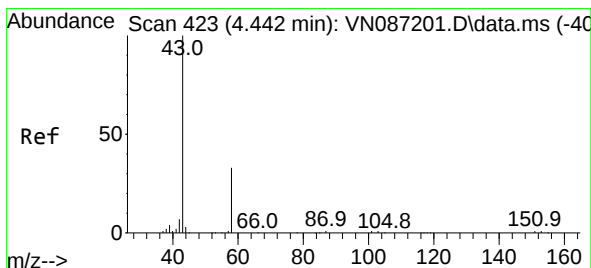
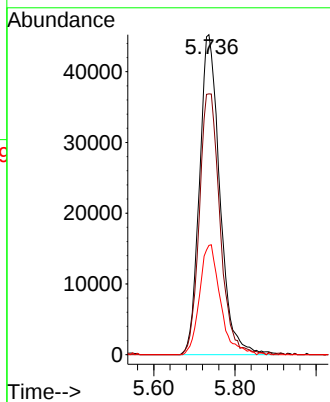
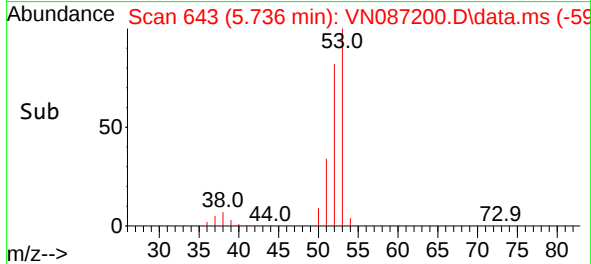
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



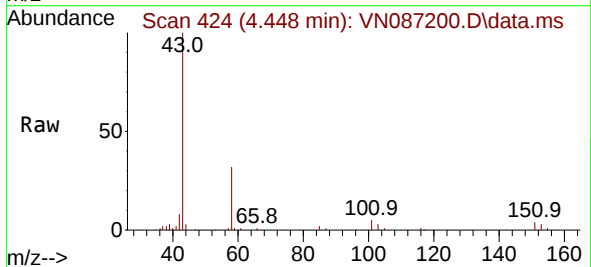
Tgt Ion: 53 Resp: 15762
Ion Ratio Lower Upper
53 100
52 82.6 65.0 97.6
51 35.1 27.8 41.6

Manual Integrations
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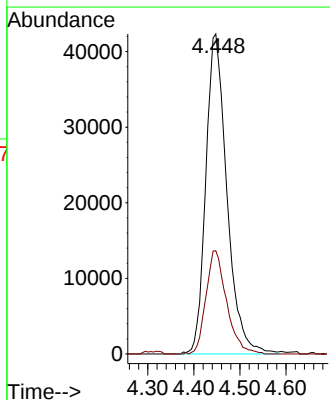
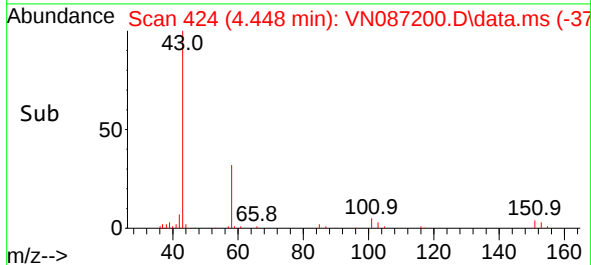
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025

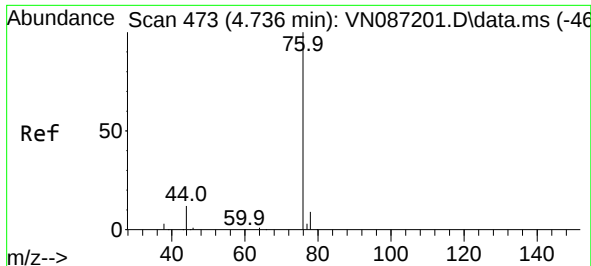


#16
Acetone
Concen: 109.535 ug/l
RT: 4.448 min Scan# 424
Delta R.T. 0.006 min
Lab File: VN087200.D
Acq: 26 Jun 2025 17:36



Tgt Ion: 43 Resp: 134913
Ion Ratio Lower Upper
43 100
58 32.3 26.5 39.7





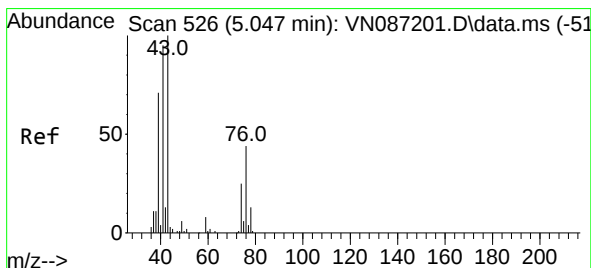
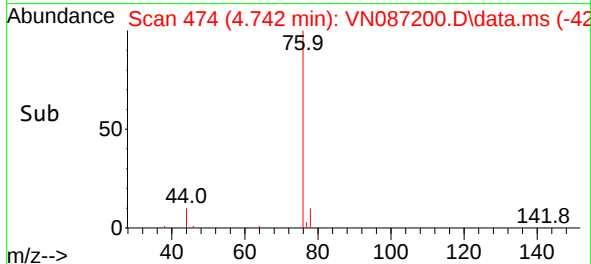
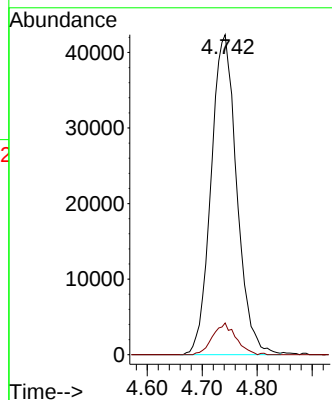
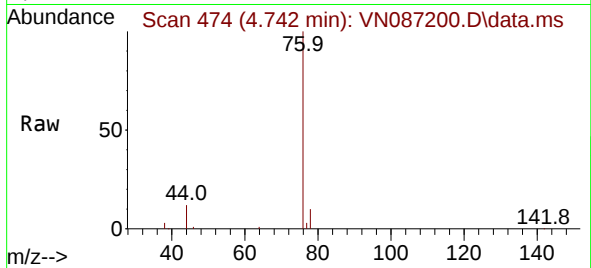
#17
Carbon Disulfide
Concen: 22.505 ug/l
RT: 4.742 min Scan# 473
Delta R.T. 0.006 min
Lab File: VN087200.D
Acq: 26 Jun 2025 17:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 76 Resp: 13761
Ion Ratio Lower Upper
76 100
78 9.9 7.0 10.6

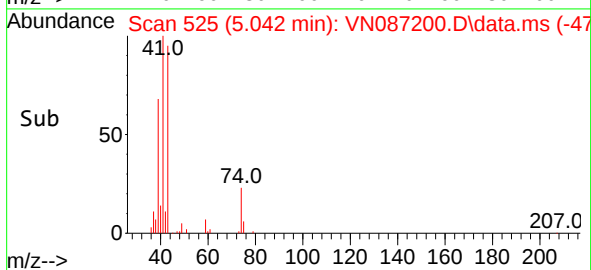
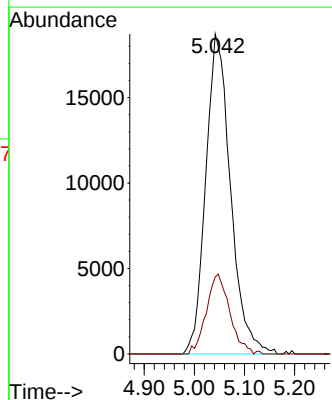
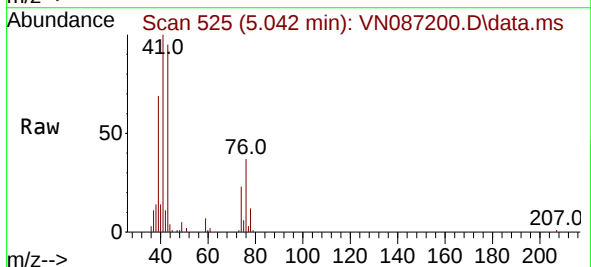
Manual Integrations
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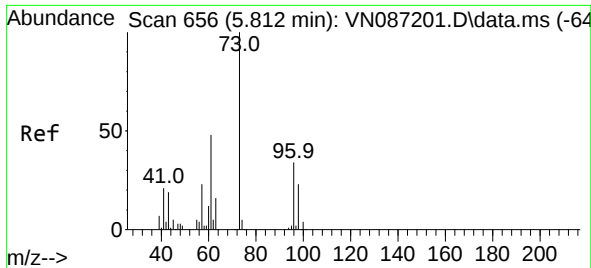
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



#18
Methyl Acetate
Concen: 21.151 ug/l
RT: 5.042 min Scan# 525
Delta R.T. -0.005 min
Lab File: VN087200.D
Acq: 26 Jun 2025 17:36

Tgt Ion: 43 Resp: 64268
Ion Ratio Lower Upper
43 100
74 23.6 19.4 29.2





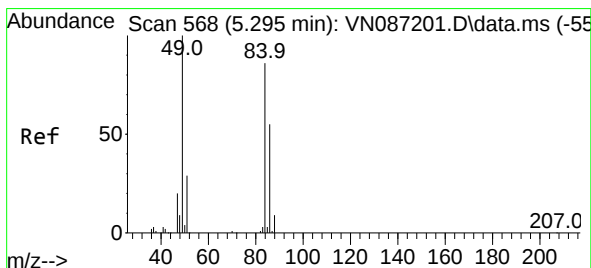
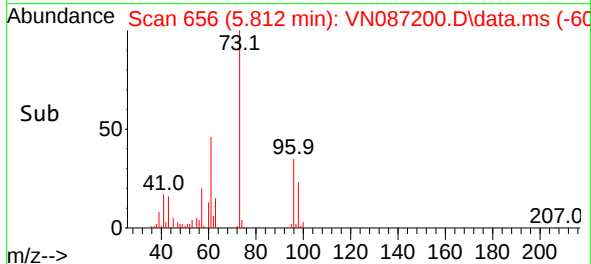
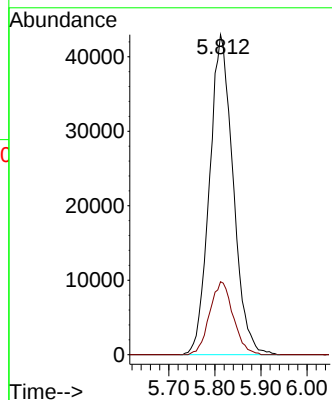
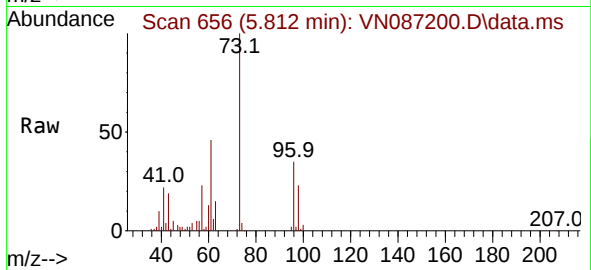
#19
Methyl tert-butyl Ether
Concen: 22.248 ug/l
RT: 5.812 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN087200.D
Acq: 26 Jun 2025 17:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 73 Resp: 15314
Ion Ratio Lower Upper
73 100
57 22.8 18.2 27.4

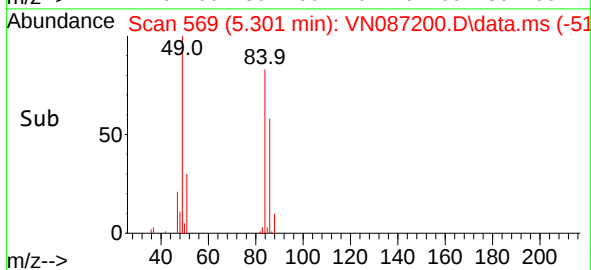
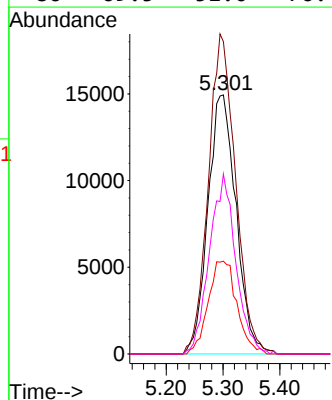
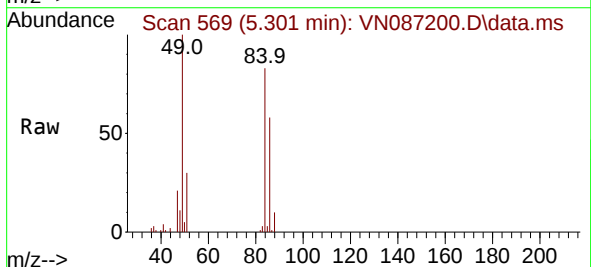
Manual Integrations
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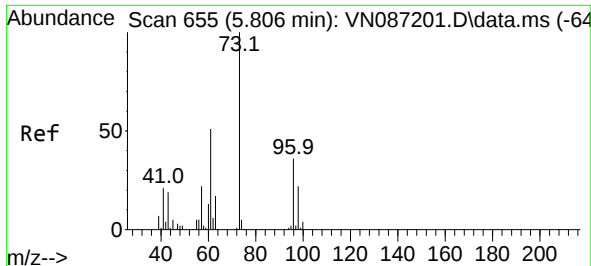
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



#20
Methylene Chloride
Concen: 22.998 ug/l
RT: 5.301 min Scan# 569
Delta R.T. 0.006 min
Lab File: VN087200.D
Acq: 26 Jun 2025 17:36

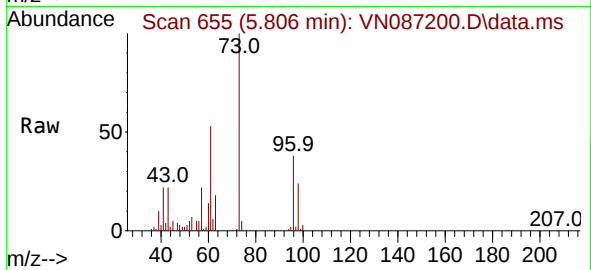
Tgt Ion: 84 Resp: 51396
Ion Ratio Lower Upper
84 100
49 120.6 93.0 139.6
51 35.8 27.2 40.8
86 69.5 51.0 76.4





#21
trans-1,2-Dichloroethene
Concen: 22.147 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN087200.D
Acq: 26 Jun 2025 17:36

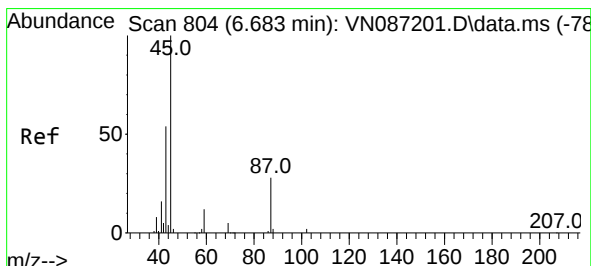
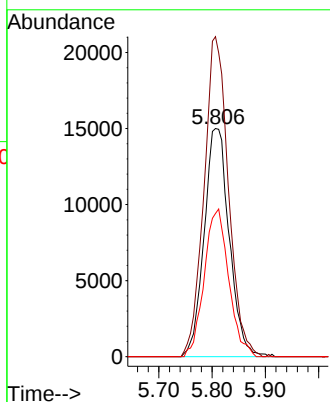
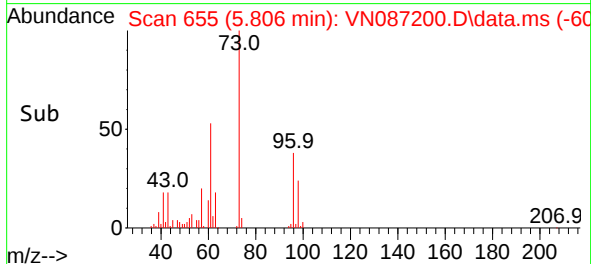
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



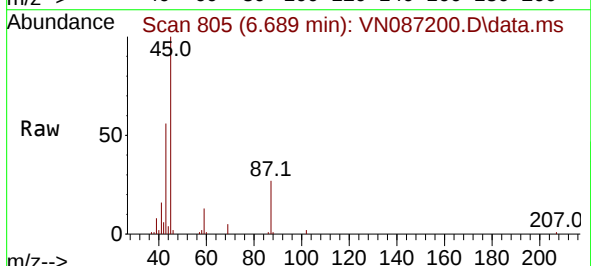
Tgt Ion: 96 Resp: 4908
Ion Ratio Lower Upper
96 100
61 140.2 113.8 170.8
98 62.7 50.4 75.6

Manual Integrations
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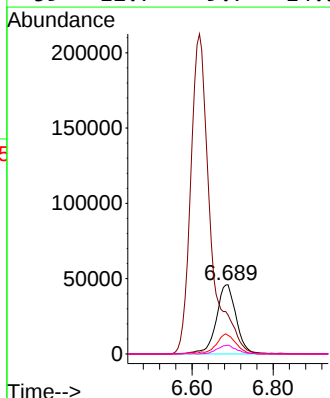
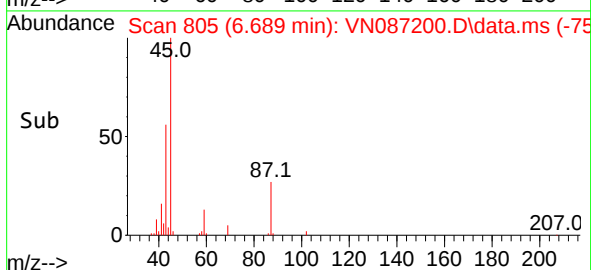
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025

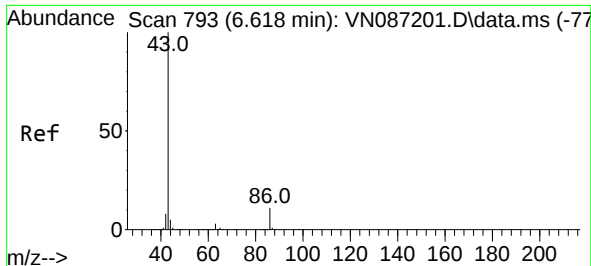


#22
Diisopropyl ether
Concen: 21.840 ug/l
RT: 6.689 min Scan# 805
Delta R.T. 0.006 min
Lab File: VN087200.D
Acq: 26 Jun 2025 17:36



Tgt Ion: 45 Resp: 155435
Ion Ratio Lower Upper
45 100
43 55.4 45.8 68.6
87 27.0 22.7 34.1
59 12.7 9.7 14.5





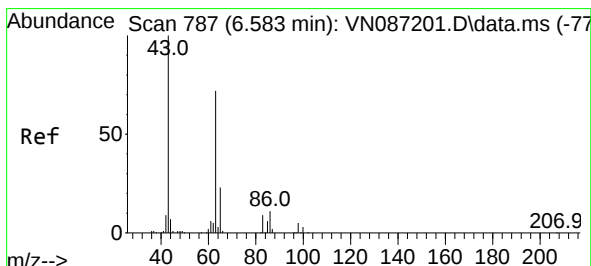
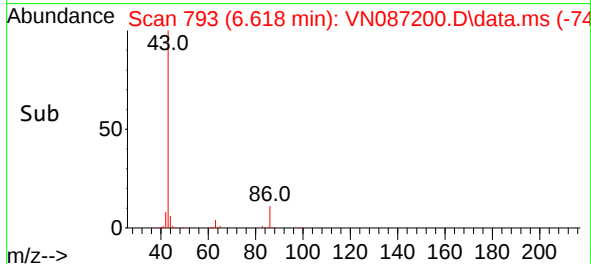
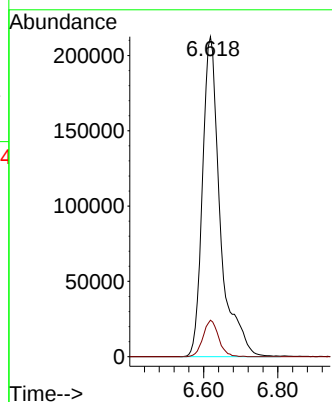
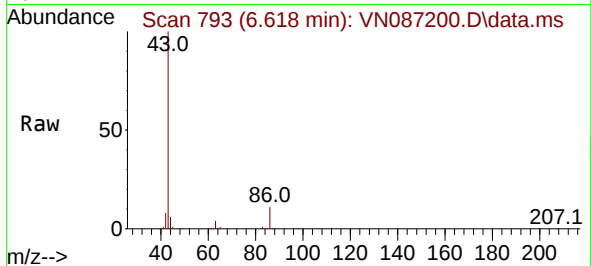
#23
 Vinyl Acetate
 Concen: 111.013 ug/l
 RT: 6.618 min Scan# 793
 Delta R.T. 0.000 min
 Lab File: VN087200.D
 Acq: 26 Jun 2025 17:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Tgt Ion: 43 Resp: 70651
 Ion Ratio Lower Upper
 43 100
 86 11.4 8.8 13.2

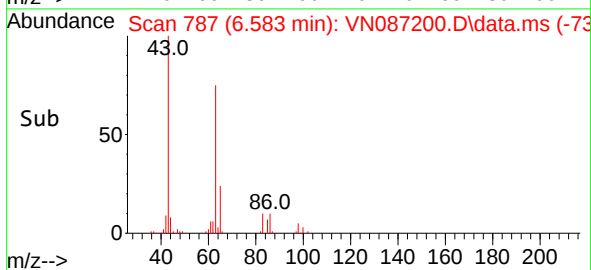
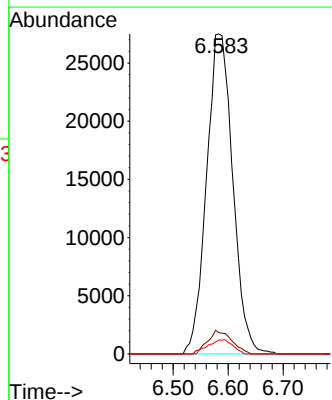
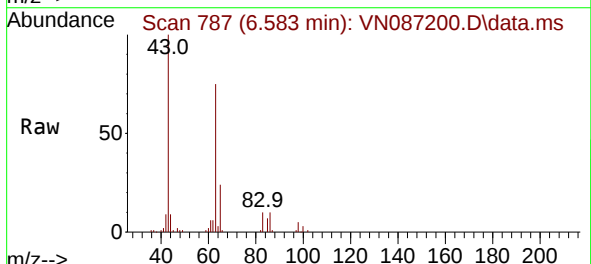
Manual Integrations
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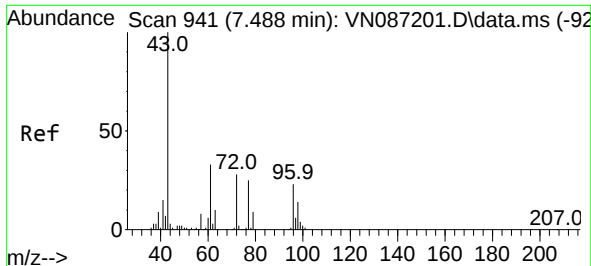
Reviewed By :John Carlone 06/27/2025
 Supervised By :Mahesh Dadoda 06/27/2025



#24
 1,1-Dichloroethane
 Concen: 21.684 ug/l
 RT: 6.583 min Scan# 787
 Delta R.T. 0.000 min
 Lab File: VN087200.D
 Acq: 26 Jun 2025 17:36

Tgt Ion: 63 Resp: 91143
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.6 10.8
 100 4.4 2.1 6.5





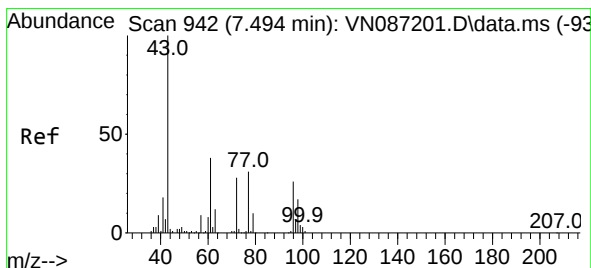
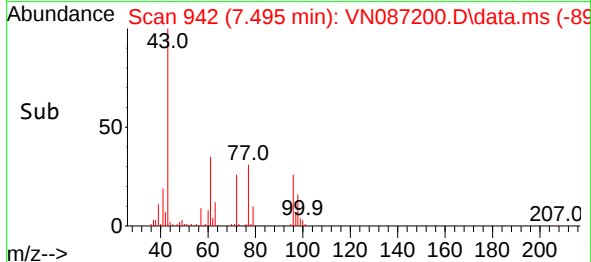
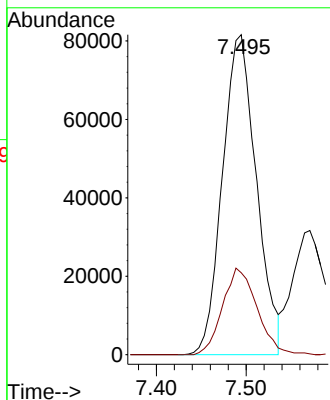
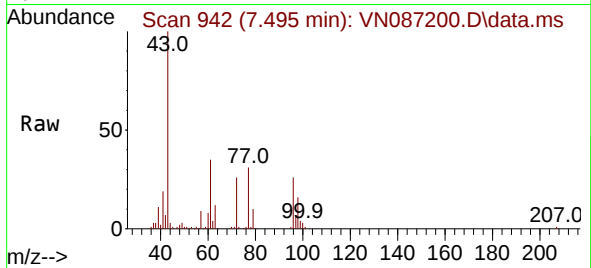
#25
2-Butanone
Concen: 115.308 ug/l
RT: 7.495 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN087200.D
Acq: 26 Jun 2025 17:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 21433
Ion Ratio Lower Upper
43 100
72 25.6 22.2 33.2

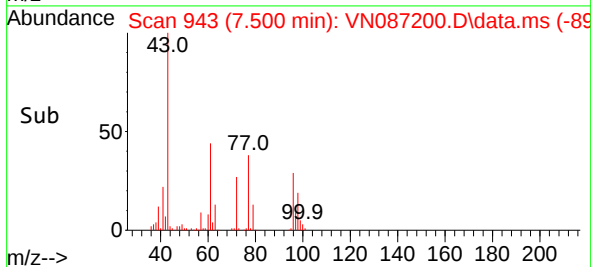
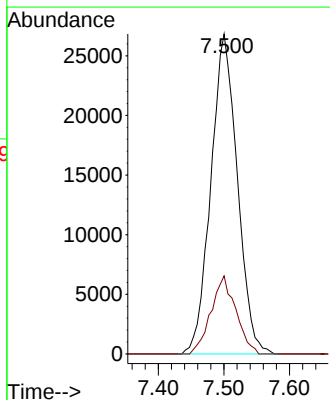
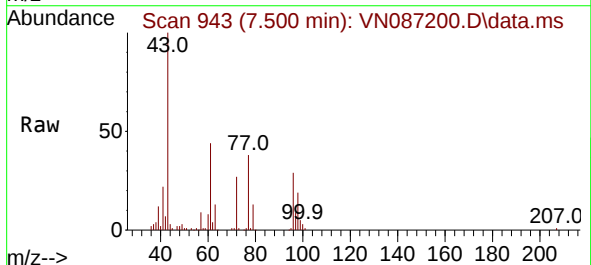
Manual Integrations
APPROVED

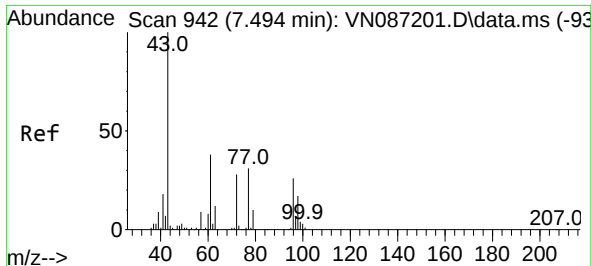
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



#26
2,2-Dichloropropane
Concen: 22.499 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.006 min
Lab File: VN087200.D
Acq: 26 Jun 2025 17:36

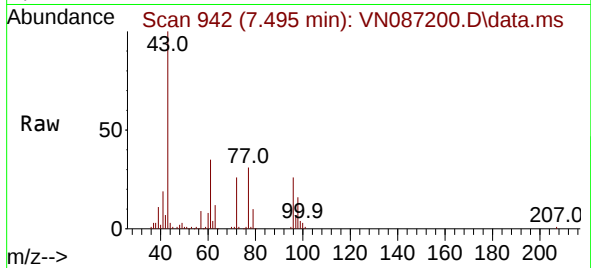
Tgt Ion: 77 Resp: 75173
Ion Ratio Lower Upper
77 100
97 22.9 11.8 35.3





#27
 cis-1,2-Dichloroethene
 Concen: 22.333 ug/l
 RT: 7.495 min Scan# 942
 Delta R.T. 0.000 min
 Lab File: VN087200.D
 Acq: 26 Jun 2025 17:36

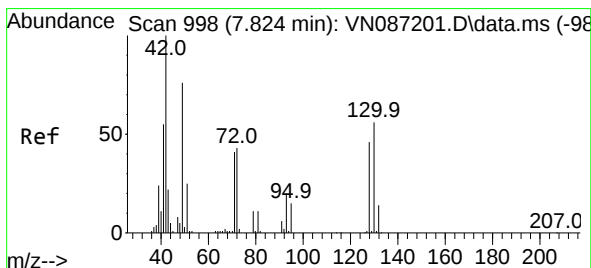
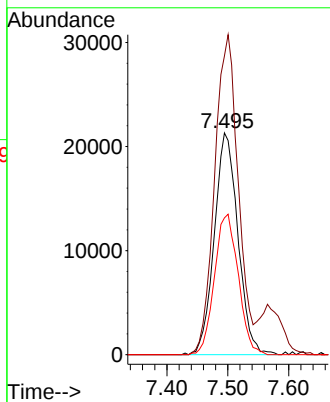
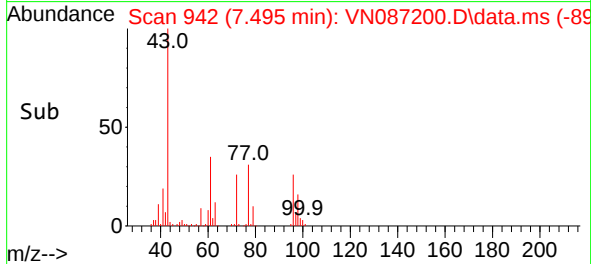
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020



Tgt Ion: 96 Resp: 5755
 Ion Ratio Lower Upper
 96 100
 61 143.1 0.0 290.4
 98 63.8 0.0 126.8

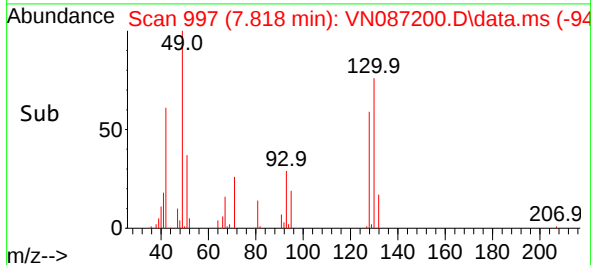
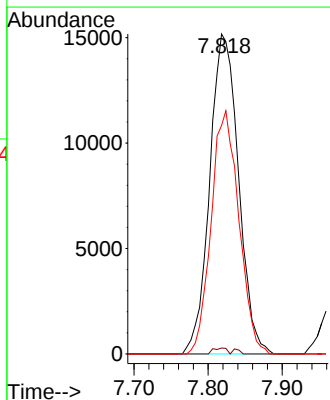
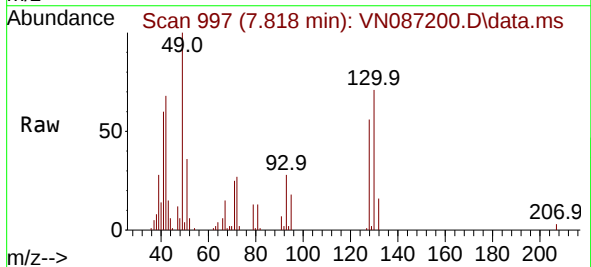
Manual Integrations
 APPROVED

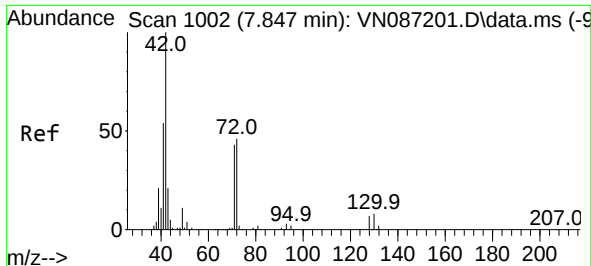
Reviewed By :John Carlone 06/27/2025
 Supervised By :Mahesh Dadoda 06/27/2025



#28
 Bromochloromethane
 Concen: 22.152 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. -0.006 min
 Lab File: VN087200.D
 Acq: 26 Jun 2025 17:36

Tgt Ion: 49 Resp: 40932
 Ion Ratio Lower Upper
 49 100
 129 0.9 0.0 3.2
 130 73.0 60.0 90.0





#29

Tetrahydrofuran

Concen: 118.160 ug/l

RT: 7.847 min Scan# 1002

Delta R.T. 0.000 min

Lab File: VN087200.D

Acq: 26 Jun 2025 17:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion: 42 Resp: 14400

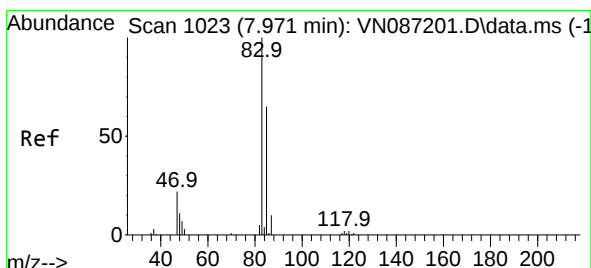
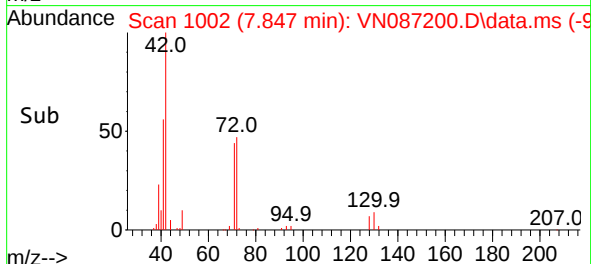
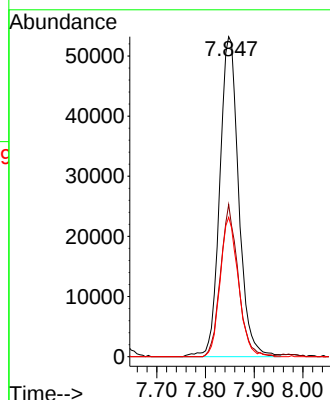
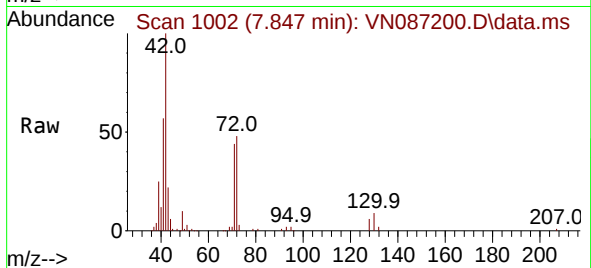
Ion	Ratio	Lower	Upper
42	100		
72	44.3	36.9	55.3
71	42.1	35.0	52.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/27/2025

Supervised By :Mahesh Dadoda 06/27/2025



#30

Chloroform

Concen: 22.660 ug/l

RT: 7.977 min Scan# 1024

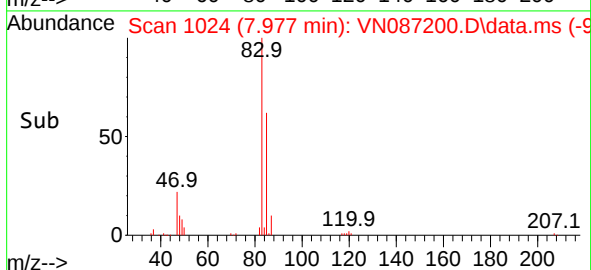
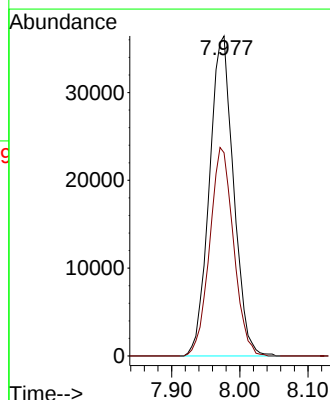
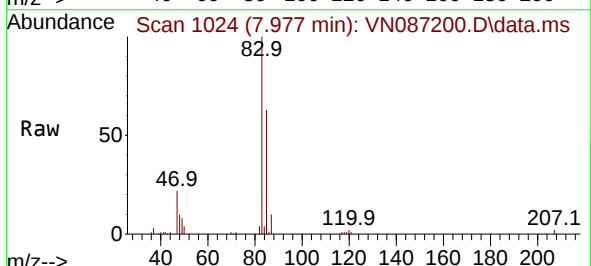
Delta R.T. 0.006 min

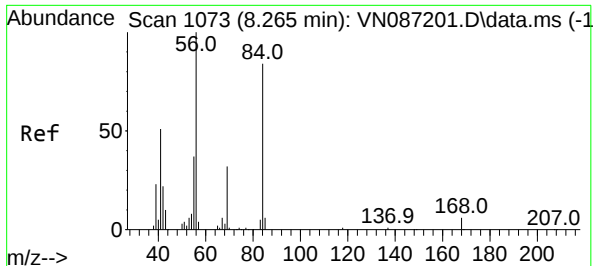
Lab File: VN087200.D

Acq: 26 Jun 2025 17:36

Tgt Ion: 83 Resp: 89842

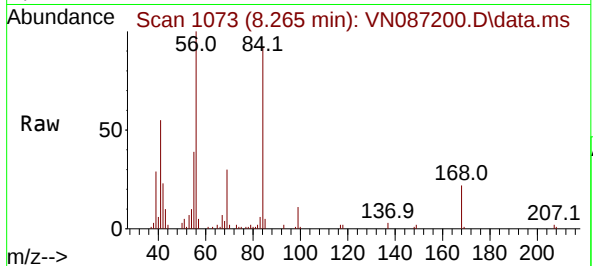
Ion	Ratio	Lower	Upper
83	100		
85	63.5	52.0	78.0





#31
Cyclohexane
Concen: 20.515 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. 0.000 min
Lab File: VN087200.D
Acq: 26 Jun 2025 17:36

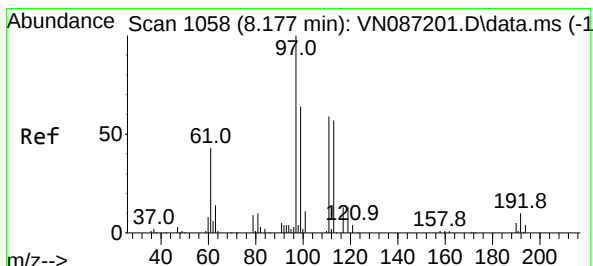
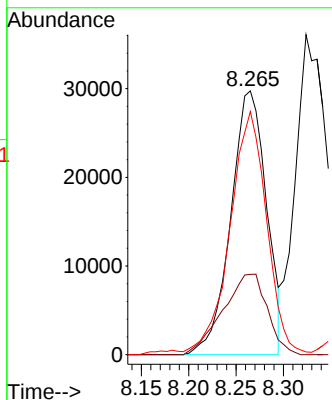
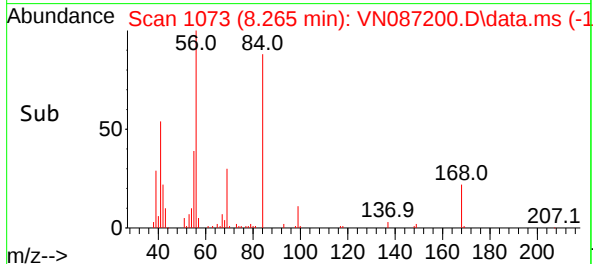
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



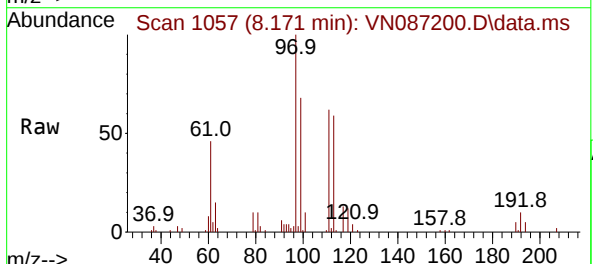
Tgt Ion: 56 Resp: 7786
Ion Ratio Lower Upper
56 100
69 30.4 25.3 37.9
84 90.9 67.4 101.0

Manual Integrations
APPROVED

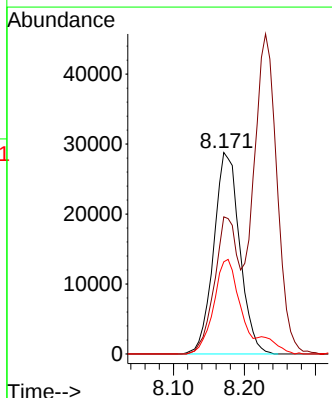
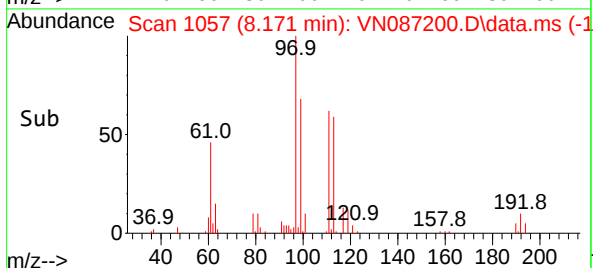
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025

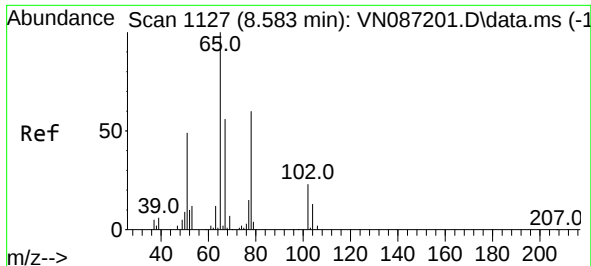


#32
1,1,1-Trichloroethane
Concen: 21.424 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VN087200.D
Acq: 26 Jun 2025 17:36



Tgt Ion: 97 Resp: 72976
Ion Ratio Lower Upper
97 100
99 61.3 49.9 74.9
61 47.8 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 19.866 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN087200.D

Acq: 26 Jun 2025 17:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion: 65 Resp: 4870

Ion Ratio Lower Upper

65 100

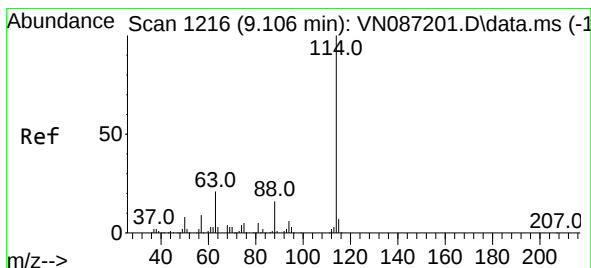
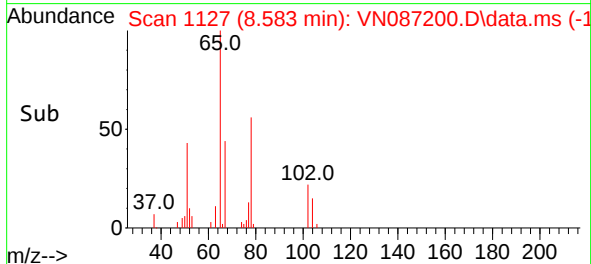
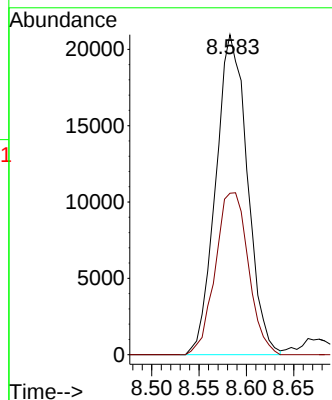
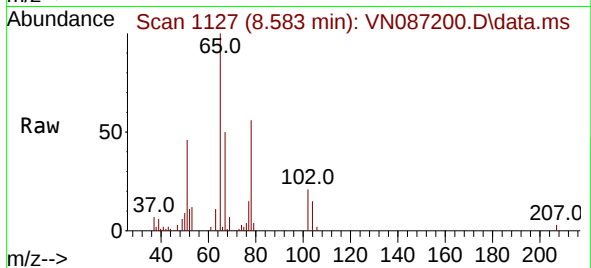
67 52.9 0.0 108.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/27/2025

Supervised By :Mahesh Dadoda 06/27/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN087200.D

Acq: 26 Jun 2025 17:36

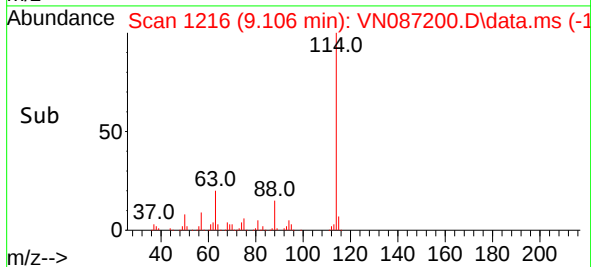
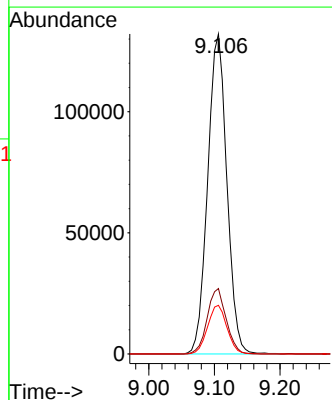
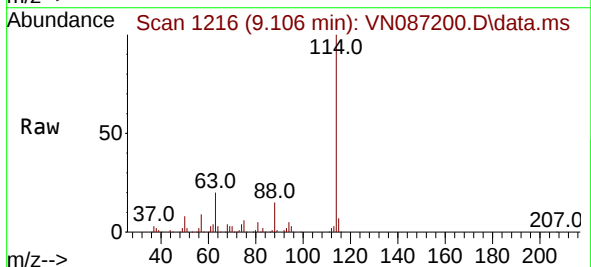
Tgt Ion:114 Resp: 268524

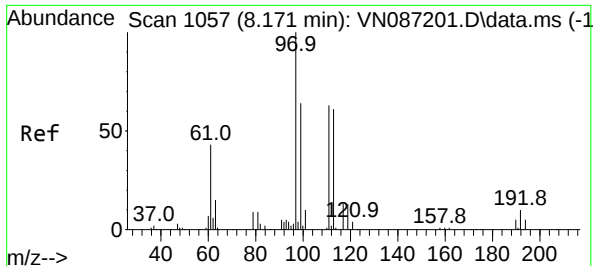
Ion Ratio Lower Upper

114 100

63 20.5 0.0 42.0

88 15.2 0.0 32.0





#35

Dibromofluoromethane

Concen: 23.497 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN087200.D

Acq: 26 Jun 2025 17:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion: 113 Resp: 40792

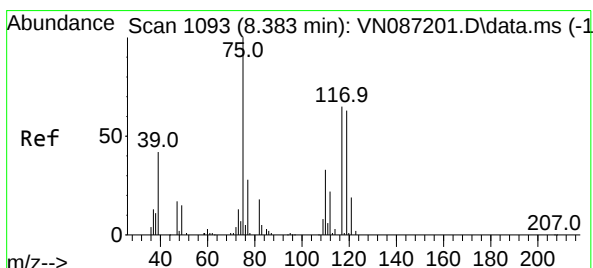
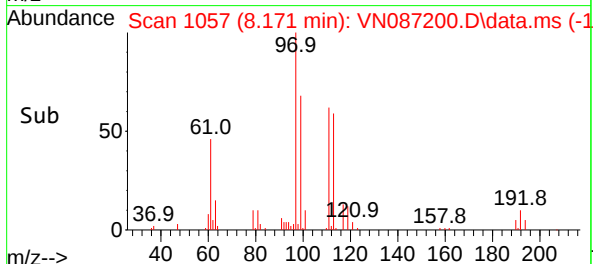
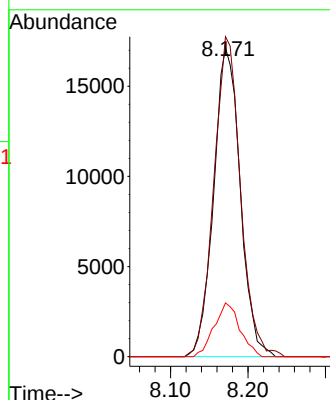
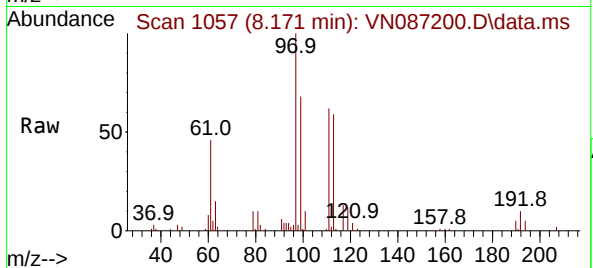
Ion	Ratio	Lower	Upper
113	100		
111	103.7	82.6	124.0
192	16.9	13.5	20.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/27/2025

Supervised By :Mahesh Dadoda 06/27/2025



#36

1,1-Dichloropropene

Concen: 23.893 ug/l

RT: 8.377 min Scan# 1092

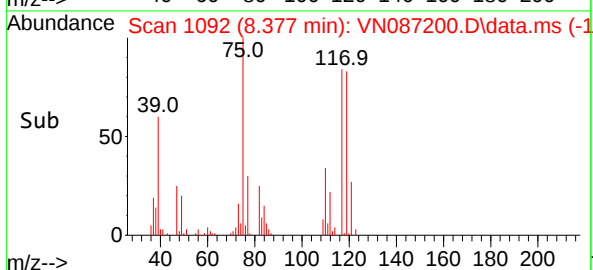
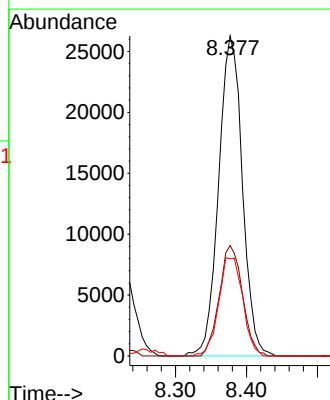
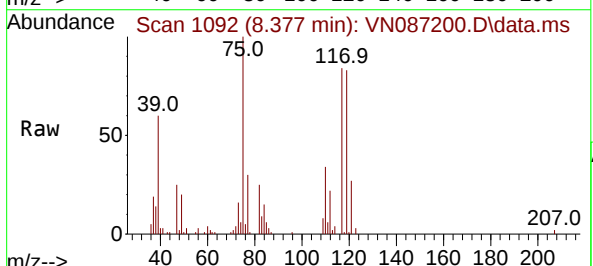
Delta R.T. -0.006 min

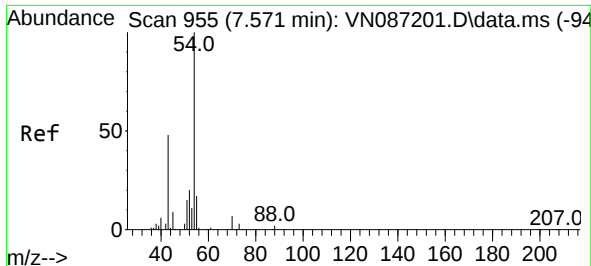
Lab File: VN087200.D

Acq: 26 Jun 2025 17:36

Tgt Ion: 75 Resp: 60757

Ion	Ratio	Lower	Upper
75	100		
110	33.8	16.9	50.6
77	31.2	24.7	37.1





#37

Ethyl Acetate

Concen: 25.111 ug/l

RT: 7.571 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN087200.D

Acq: 26 Jun 2025 17:36

Instrument :

MSVOA_N

ClientSampleId :

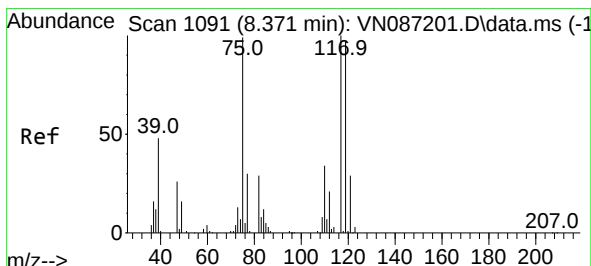
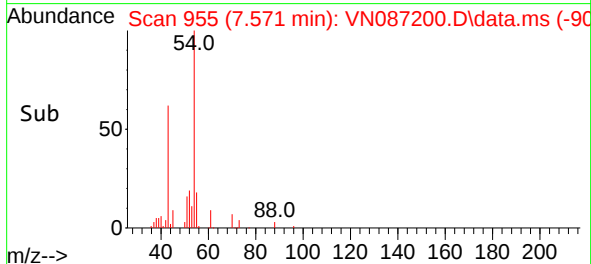
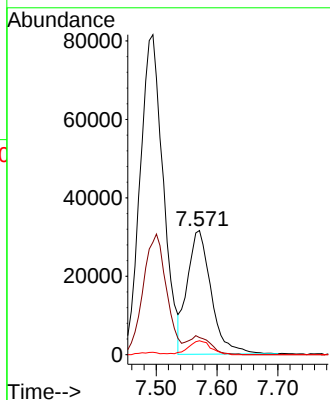
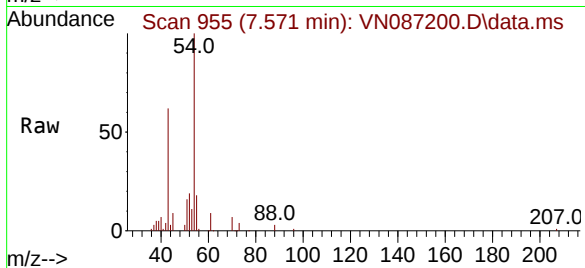
VSTDIC020

Tgt Ion: 43 Resp: 8598

Ion	Ratio	Lower	Upper
43	100		
61	13.3	10.8	16.2
70	10.6	8.9	13.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



#38

Carbon Tetrachloride

Concen: 24.279 ug/l

RT: 8.371 min Scan# 1091

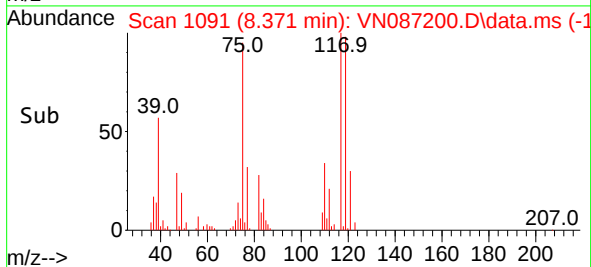
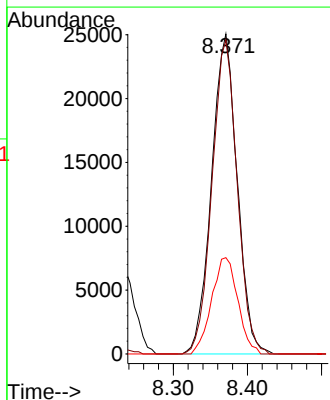
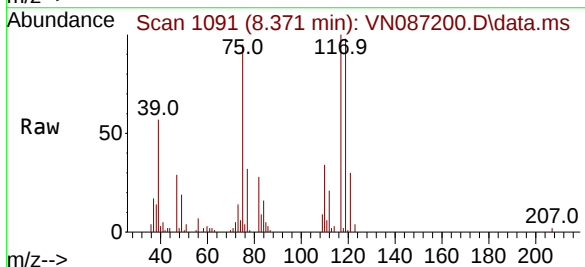
Delta R.T. 0.000 min

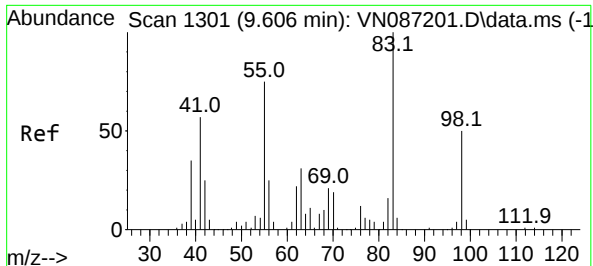
Lab File: VN087200.D

Acq: 26 Jun 2025 17:36

Tgt Ion:117 Resp: 60127

Ion	Ratio	Lower	Upper
117	100		
119	98.1	77.4	116.0
121	30.1	23.2	34.8





#39

Methylcyclohexane

Concen: 24.815 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN087200.D

Acq: 26 Jun 2025 17:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

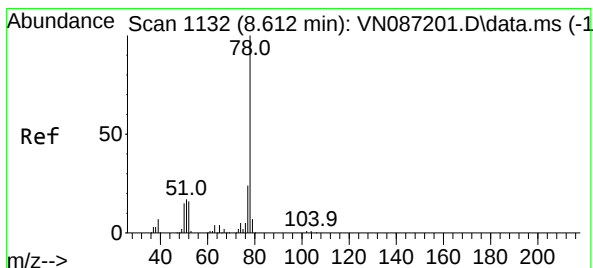
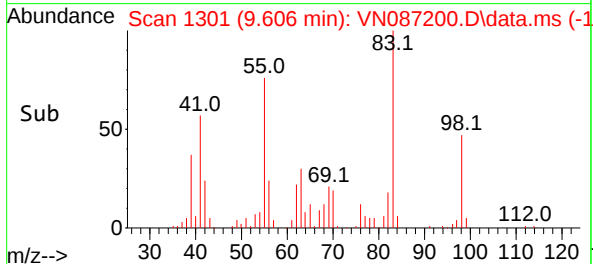
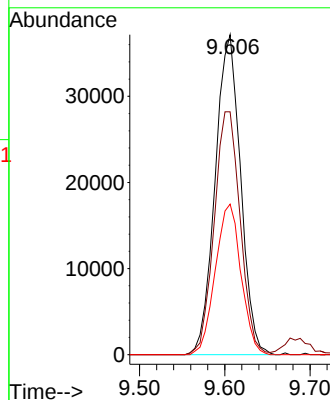
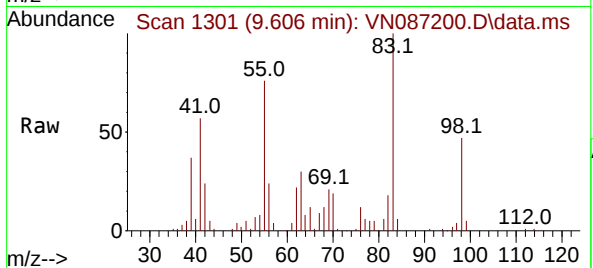
Tgt Ion: 83	Resp: 7698
Ion Ratio	Lower Upper
83	100
55	75.9 59.8 89.8
98	47.1 39.8 59.8

Manual Integrations

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Reviewed By :John Carlone 06/27/2025

Supervised By :Mahesh Dadoda 06/27/2025



#40

Benzene

Concen: 23.382 ug/l

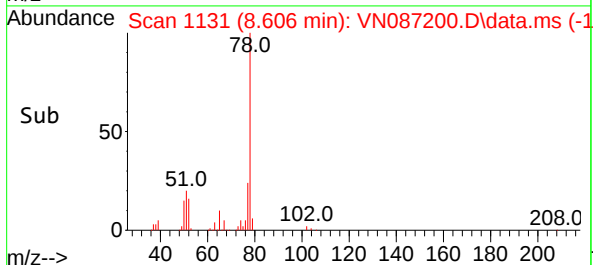
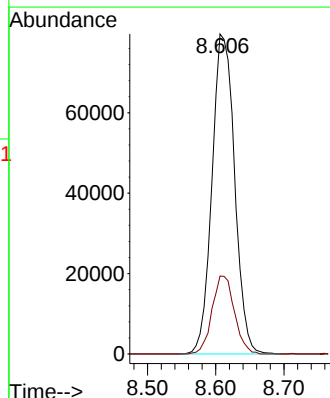
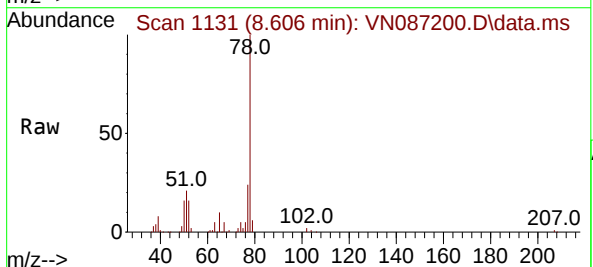
RT: 8.606 min Scan# 1131

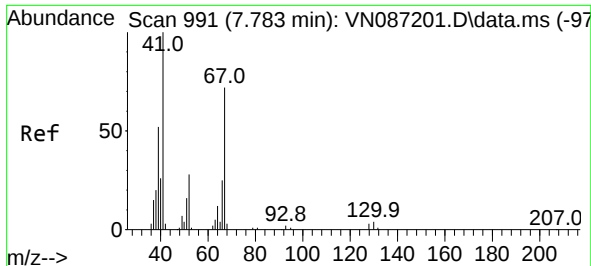
Delta R.T. -0.006 min

Lab File: VN087200.D

Acq: 26 Jun 2025 17:36

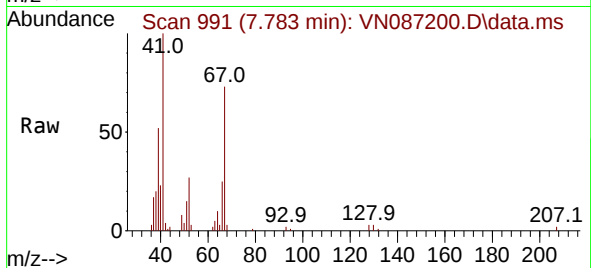
Tgt Ion: 78	Resp: 183705
Ion Ratio	Lower Upper
78	100
77	24.3 19.0 28.6





#41
Methacrylonitrile
Concen: 25.531 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.000 min
Lab File: VN087200.D
Acq: 26 Jun 2025 17:36

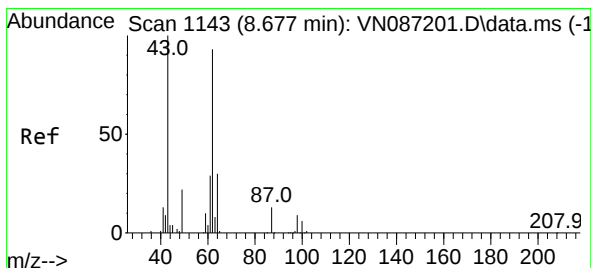
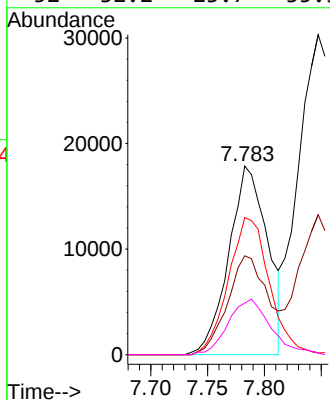
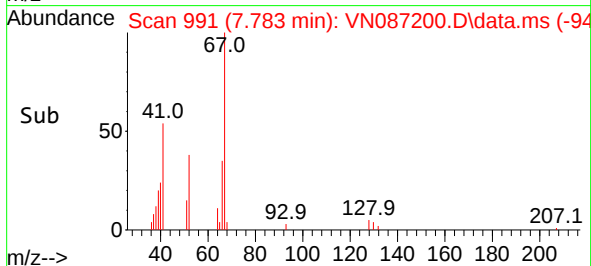
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 41	Resp: 42490
Ion Ratio	Lower Upper
41 100	
39 53.6	41.3 61.9
67 76.9	60.2 90.2
52 32.2	23.7 35.5

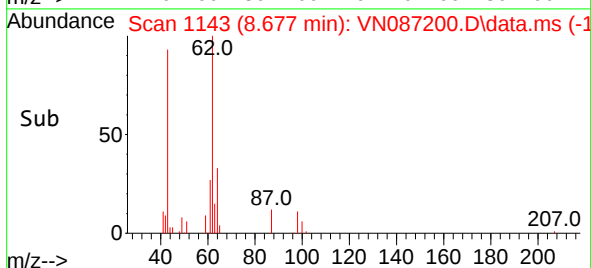
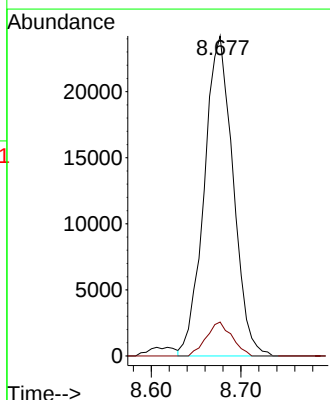
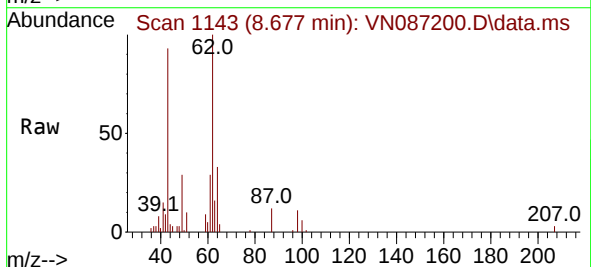
Manual Integrations
APPROVED

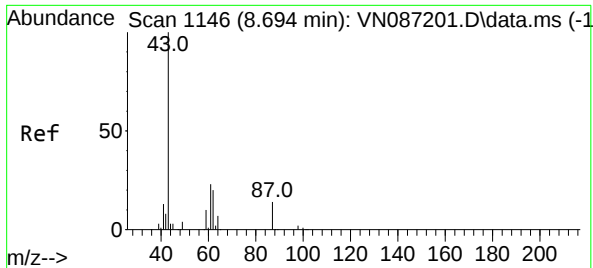
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



#42
1,2-Dichloroethane
Concen: 21.137 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VN087200.D
Acq: 26 Jun 2025 17:36

Tgt Ion: 62	Resp: 53988
Ion Ratio	Lower Upper
62 100	
98 9.4	0.0 18.4





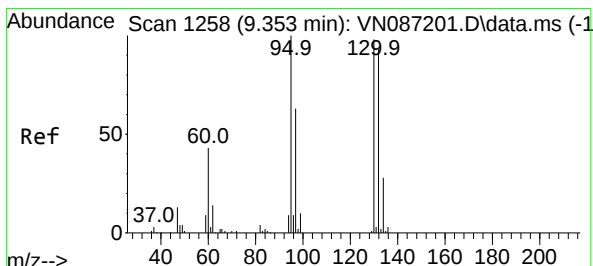
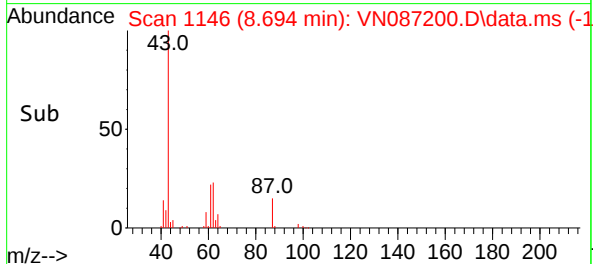
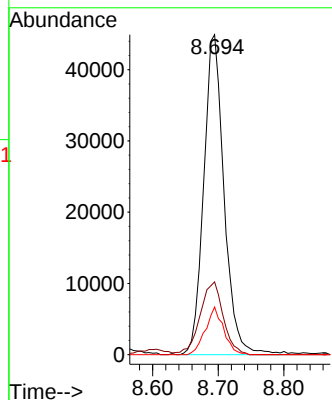
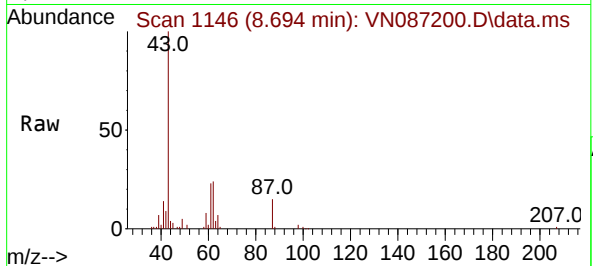
#43
Isopropyl Acetate
Concen: 20.765 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN087200.D
Acq: 26 Jun 2025 17:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 9707
Ion Ratio Lower Upper
43 100
61 25.9 21.0 31.6
87 13.3 11.0 16.6

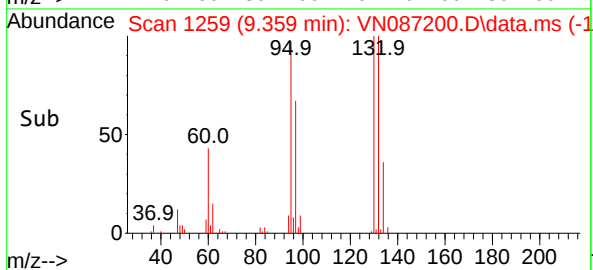
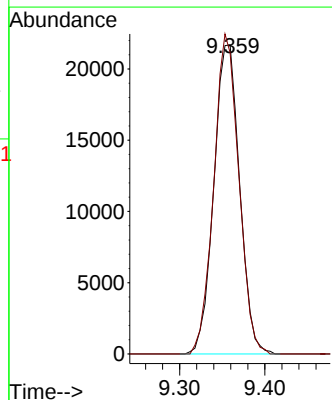
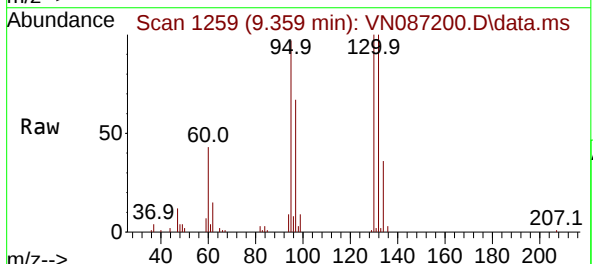
Manual Integrations
APPROVED

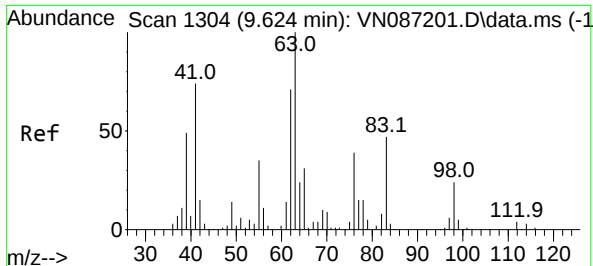
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



#44
Trichloroethene
Concen: 24.277 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.006 min
Lab File: VN087200.D
Acq: 26 Jun 2025 17:36

Tgt Ion:130 Resp: 45669
Ion Ratio Lower Upper
130 100
95 97.5 0.0 204.6





#45

1,2-Dichloropropane

Concen: 25.395 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN087200.D

Acq: 26 Jun 2025 17:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion: 63 Resp: 51430

Ion Ratio Lower Upper

63 100

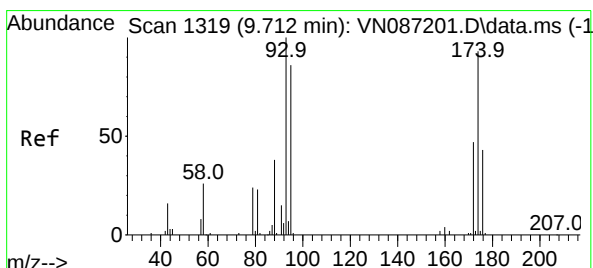
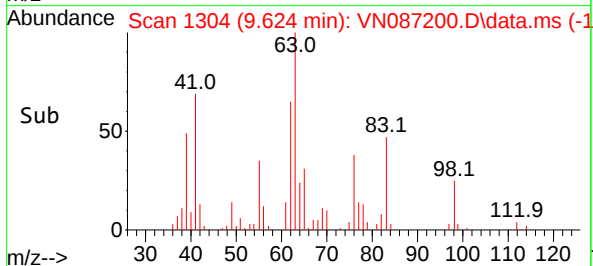
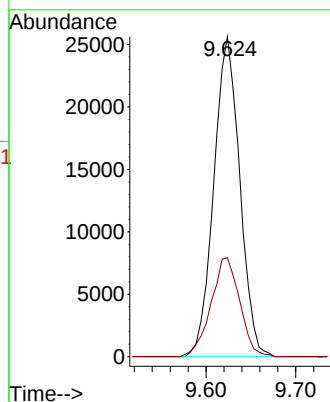
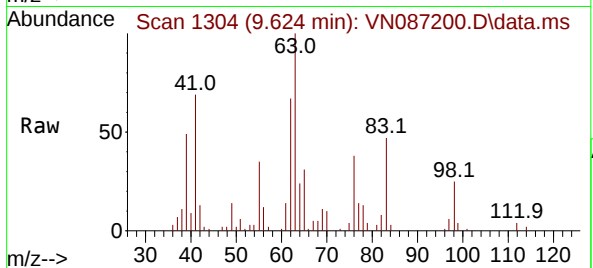
65 30.9 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/27/2025

Supervised By :Mahesh Dadoda 06/27/2025



#46

Dibromomethane

Concen: 25.682 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN087200.D

Acq: 26 Jun 2025 17:36

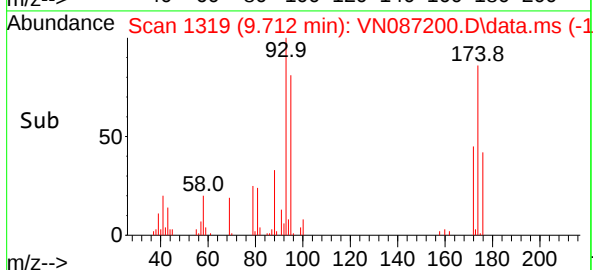
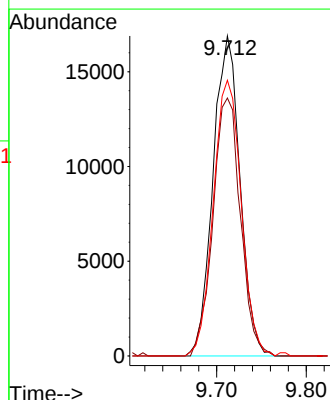
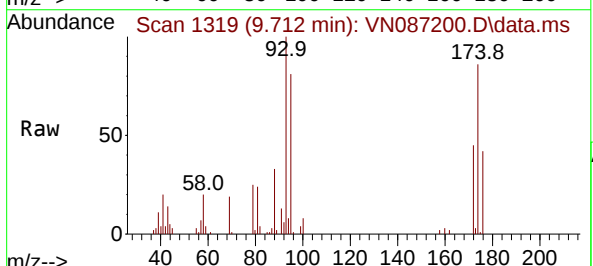
Tgt Ion: 93 Resp: 35247

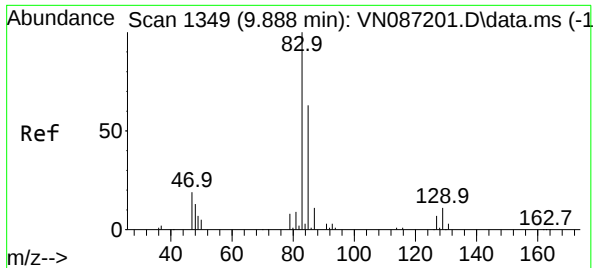
Ion Ratio Lower Upper

93 100

95 82.2 67.4 101.2

174 89.0 72.3 108.5





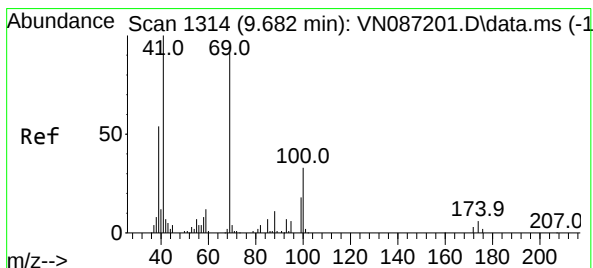
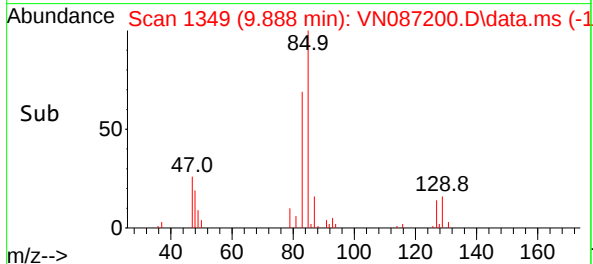
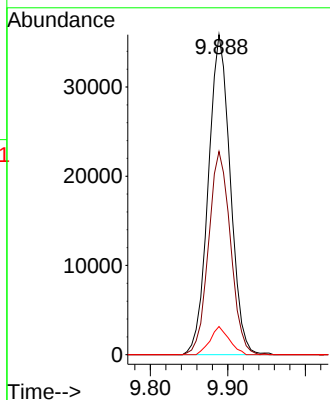
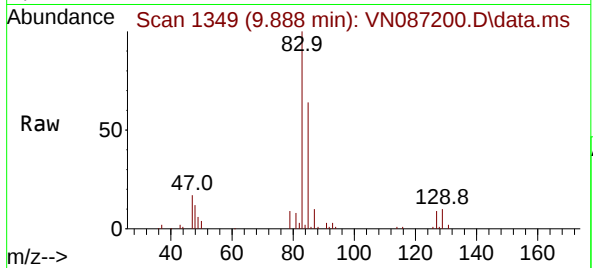
#47
Bromodichloromethane
Concen: 25.595 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN087200.D
Acq: 26 Jun 2025 17:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 83 Resp: 70549
Ion Ratio Lower Upper
83 100
85 63.5 50.0 75.0
127 8.8 6.0 9.0

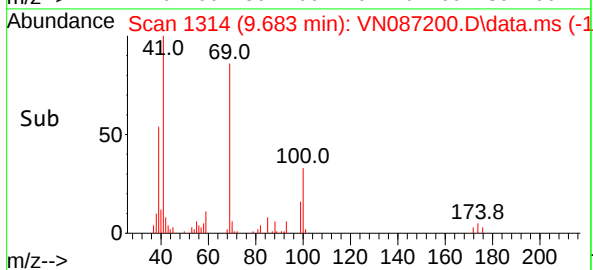
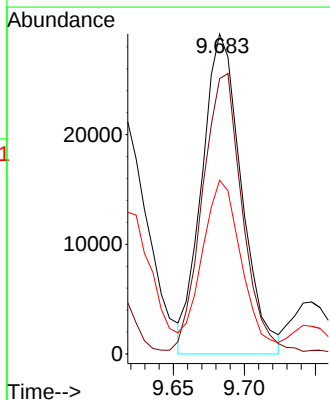
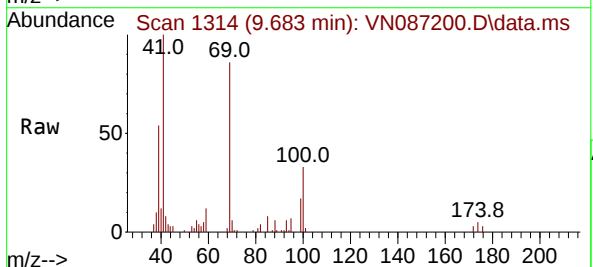
Manual Integrations
APPROVED

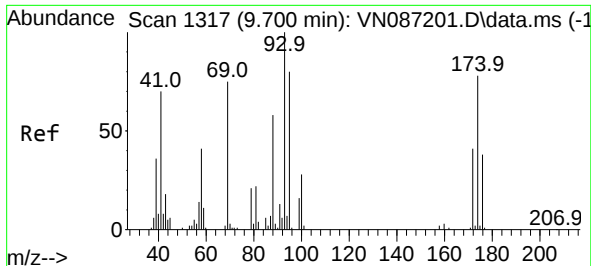
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



#48
Methyl methacrylate
Concen: 24.991 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN087200.D
Acq: 26 Jun 2025 17:36

Tgt Ion: 41 Resp: 56485
Ion Ratio Lower Upper
41 100
69 90.1 69.9 104.9
39 54.9 43.8 65.6





#49

1,4-Dioxane

Concen: 413.699 ug/l

RT: 9.706 min Scan# 1317

Delta R.T. 0.006 min

Lab File: VN087200.D

Acq: 26 Jun 2025 17:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 88 Resp: 1601

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

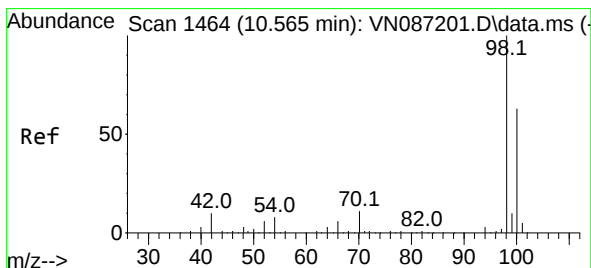
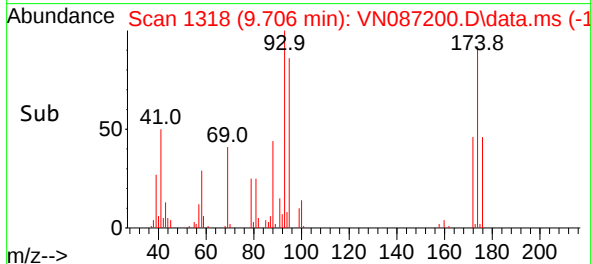
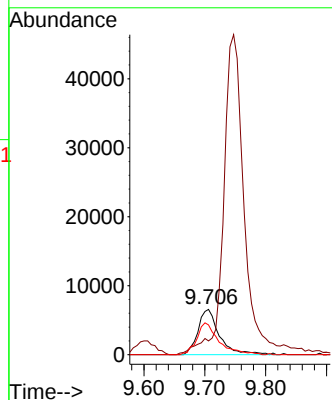
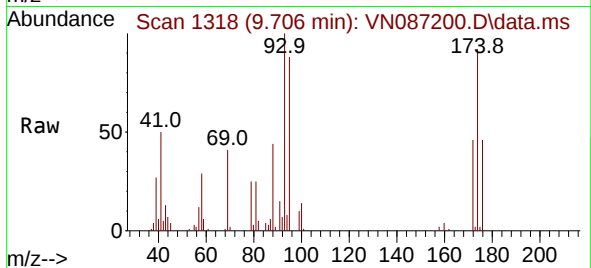
58 72.4 59.2 88.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/27/2025

Supervised By :Mahesh Dadoda 06/27/2025



#50

Toluene-d8

Concen: 23.736 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN087200.D

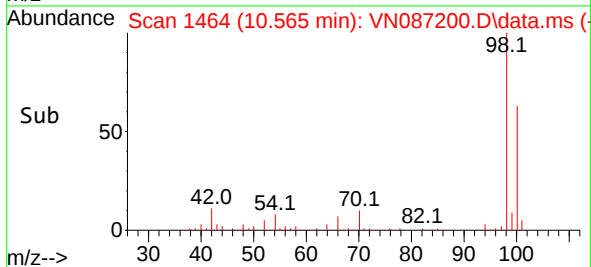
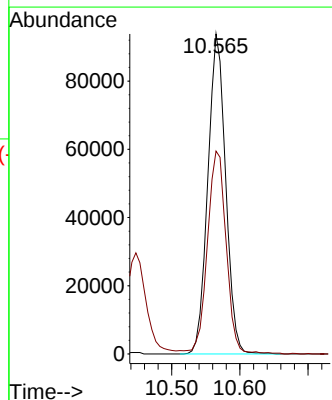
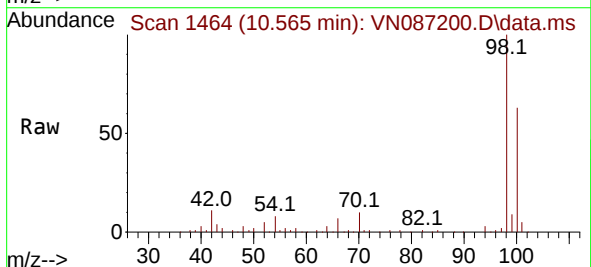
Acq: 26 Jun 2025 17:36

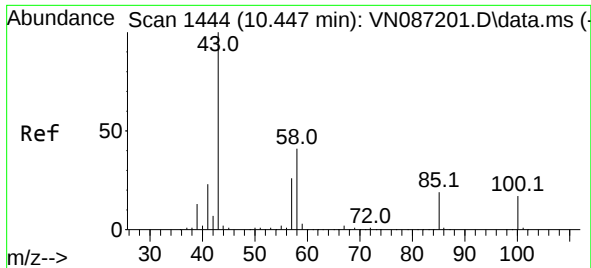
Tgt Ion: 98 Resp: 170429

Ion Ratio Lower Upper

98 100

100 67.0 52.7 79.1





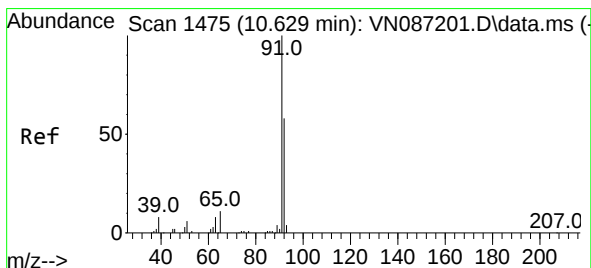
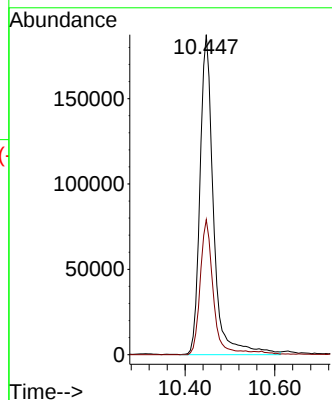
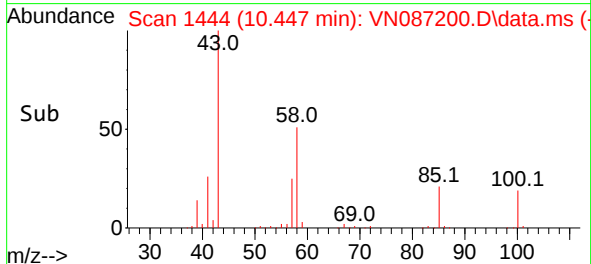
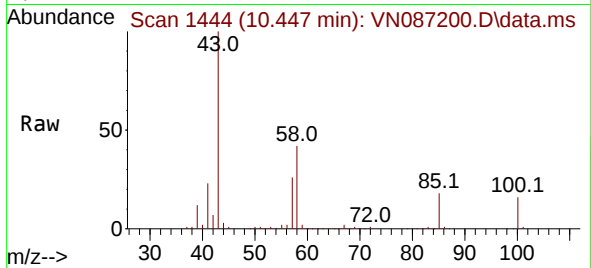
#51
4-Methyl-2-Pentanone
Concen: 115.127 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN087200.D
Acq: 26 Jun 2025 17:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 393790
Ion Ratio Lower Upper
43 100
58 40.3 32.6 48.8

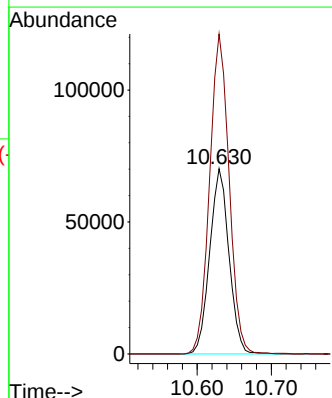
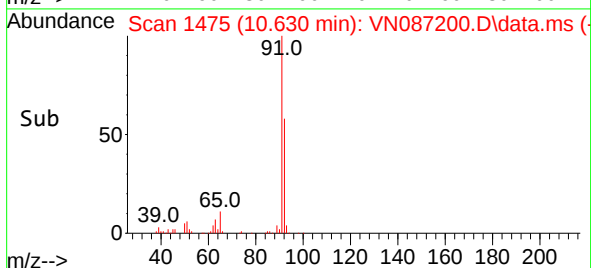
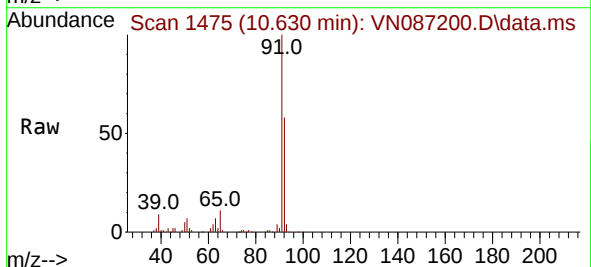
Manual Integrations
APPROVED

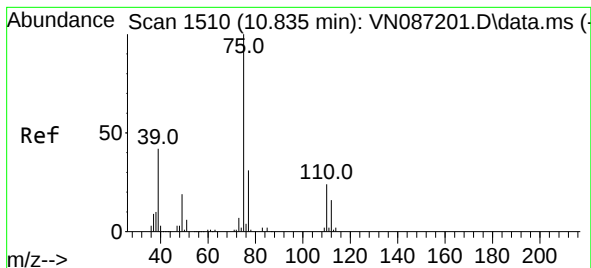
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



#52
Toluene
Concen: 25.208 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.001 min
Lab File: VN087200.D
Acq: 26 Jun 2025 17:36

Tgt Ion: 92 Resp: 126615
Ion Ratio Lower Upper
92 100
91 175.0 138.2 207.2





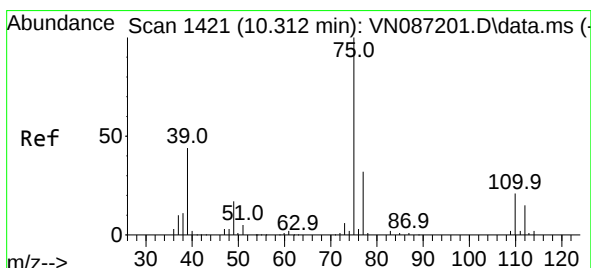
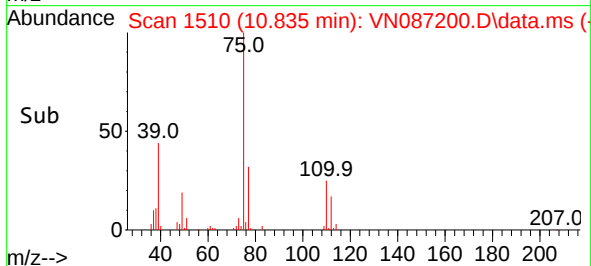
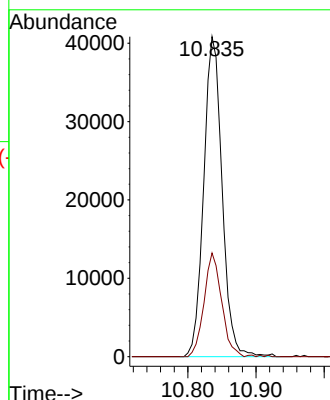
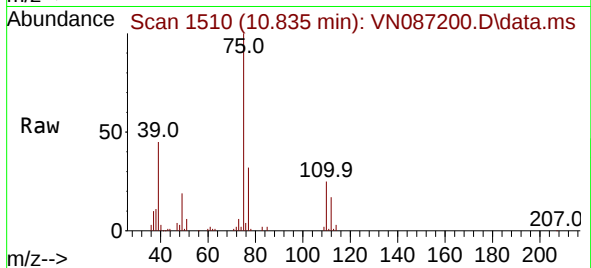
#53
t-1,3-Dichloropropene
Concen: 24.943 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN087200.D
Acq: 26 Jun 2025 17:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 75 Resp: 7666
Ion Ratio Lower Upper
75 100
77 32.4 24.6 37.0

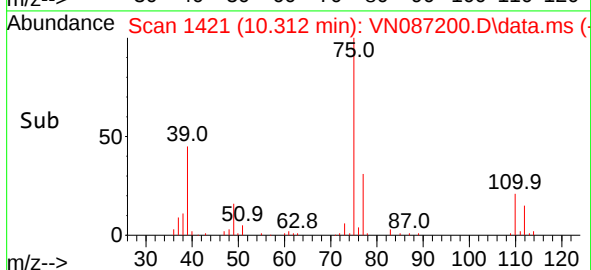
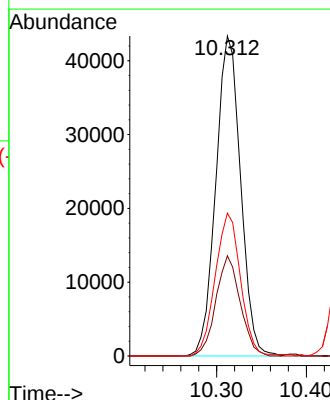
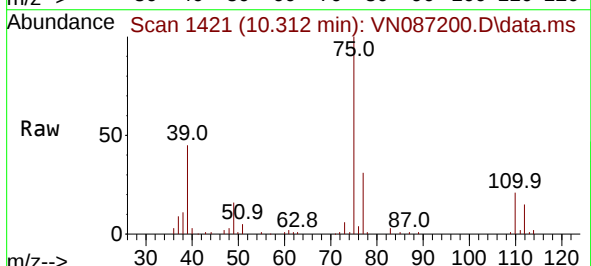
Manual Integrations
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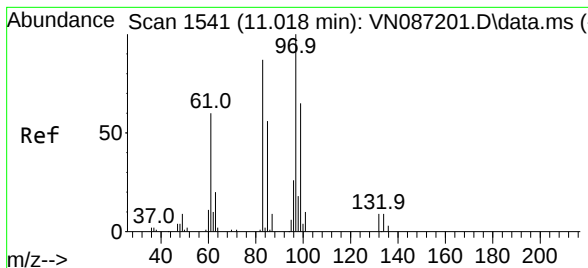
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



#54
cis-1,3-Dichloropropene
Concen: 25.369 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN087200.D
Acq: 26 Jun 2025 17:36

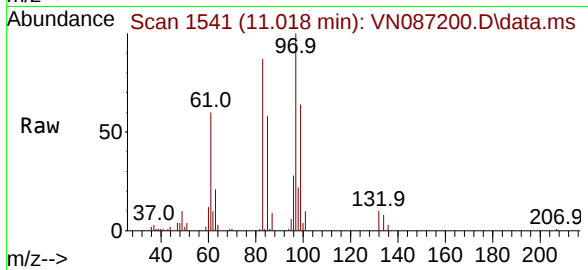
Tgt Ion: 75 Resp: 82961
Ion Ratio Lower Upper
75 100
77 31.3 25.4 38.2
39 44.6 34.9 52.3





#55
1,1,2-Trichloroethane
Concen: 25.419 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN087200.D
Acq: 26 Jun 2025 17:36

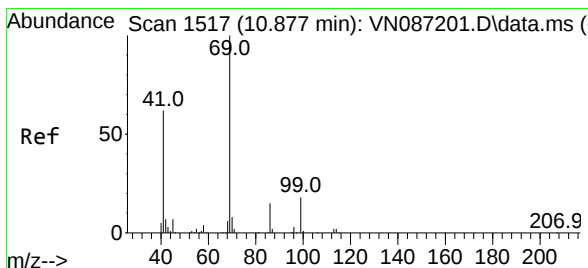
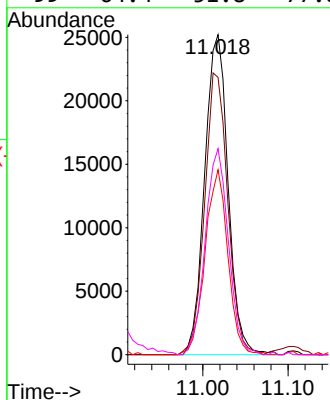
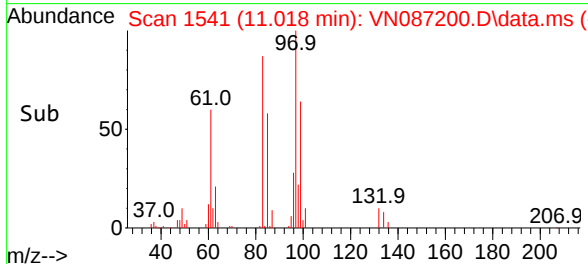
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 97	Resp: 4828
Ion Ratio	Lower Upper
97 100	
83 86.7	69.5 104.3
85 57.8	44.7 67.1
99 64.4	51.8 77.8

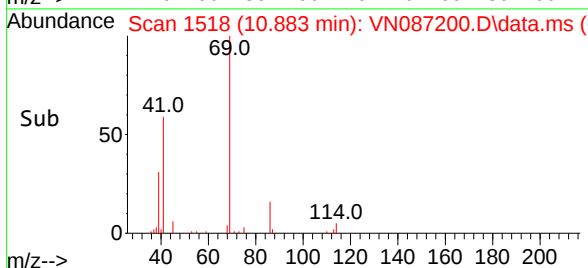
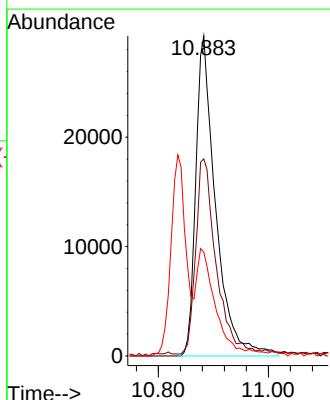
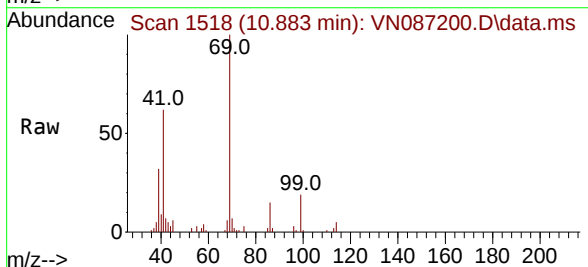
Manual Integrations
APPROVED

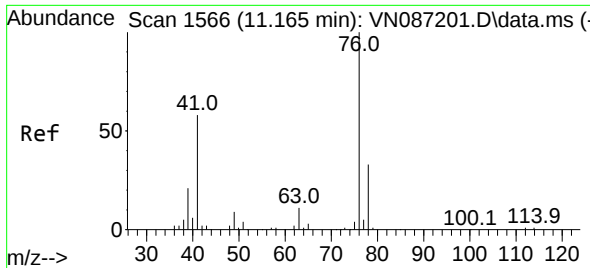
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



#56
Ethyl methacrylate
Concen: 22.589 ug/l
RT: 10.883 min Scan# 1518
Delta R.T. 0.006 min
Lab File: VN087200.D
Acq: 26 Jun 2025 17:36

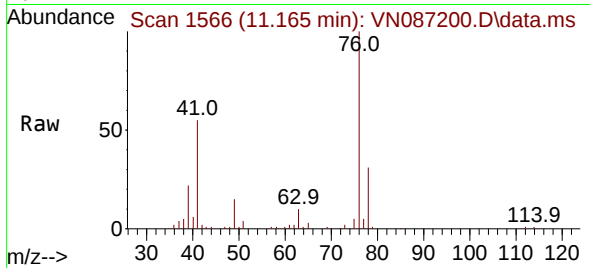
Tgt Ion: 69	Resp: 73482
Ion Ratio	Lower Upper
69 100	
41 62.3	48.4 72.6
39 27.8	24.1 36.1





#57
1,3-Dichloropropane
Concen: 25.220 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN087200.D
Acq: 26 Jun 2025 17:36

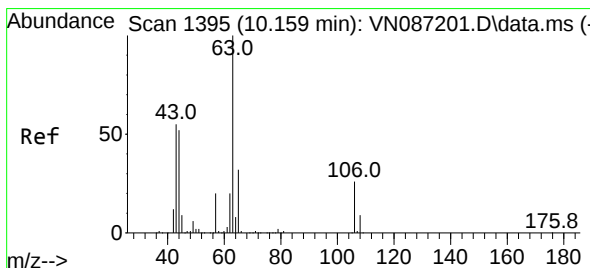
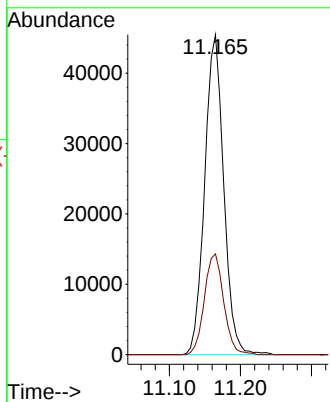
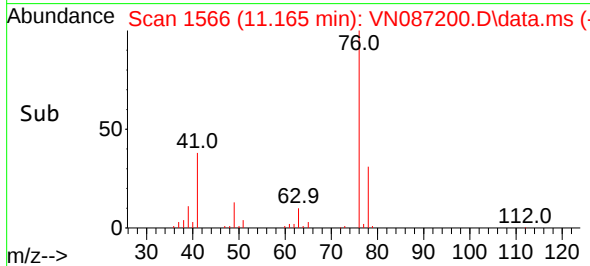
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 76 Resp: 84644
Ion Ratio Lower Upper
76 100
78 32.1 25.6 38.4

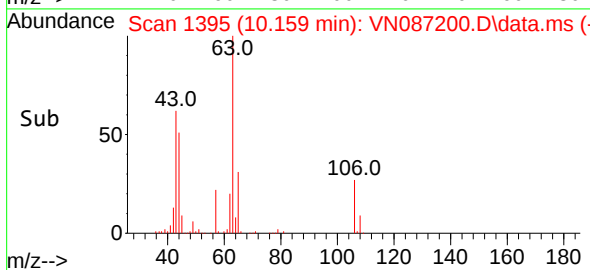
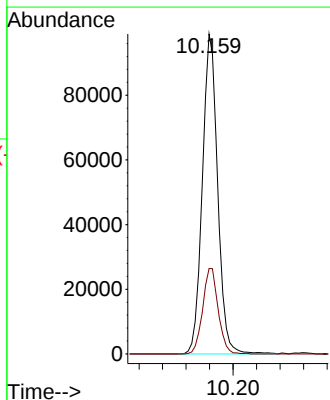
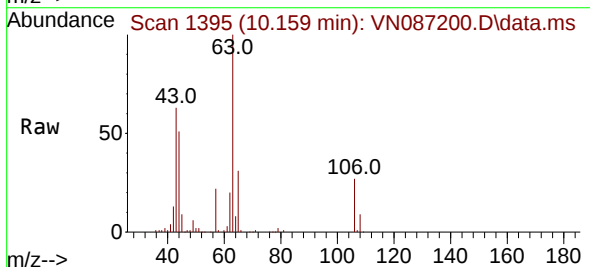
Manual Integrations
APPROVED

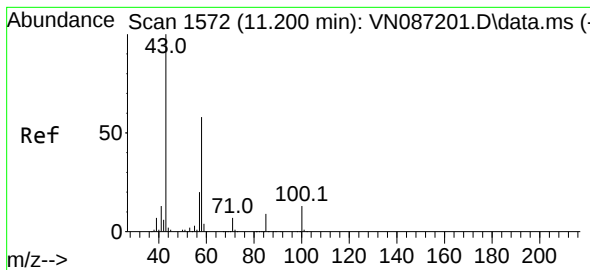
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



#58
2-Chloroethyl Vinyl ether
Concen: 101.331 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN087200.D
Acq: 26 Jun 2025 17:36

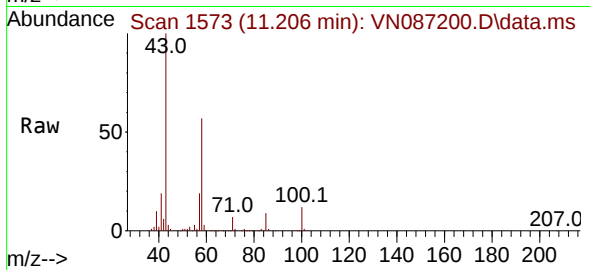
Tgt Ion: 63 Resp: 179171
Ion Ratio Lower Upper
63 100
106 27.0 21.7 32.5





#59
2-Hexanone
Concen: 111.698 ug/l
RT: 11.206 min Scan# 1572
Delta R.T. 0.006 min
Lab File: VN087200.D
Acq: 26 Jun 2025 17:36

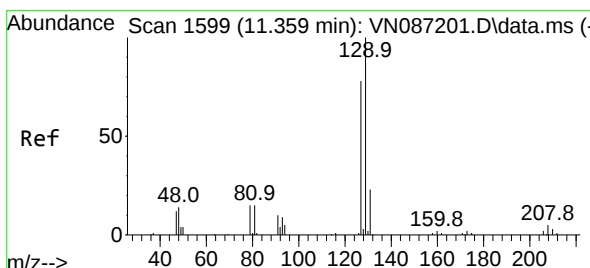
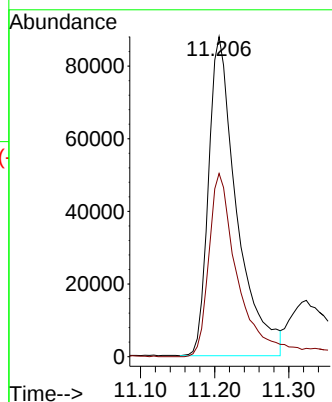
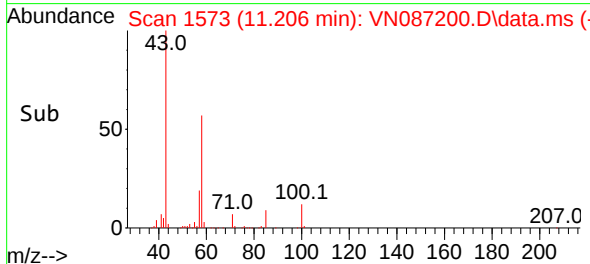
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 43 Resp: 23230
Ion Ratio Lower Upper
43 100
58 58.9 31.1 93.3

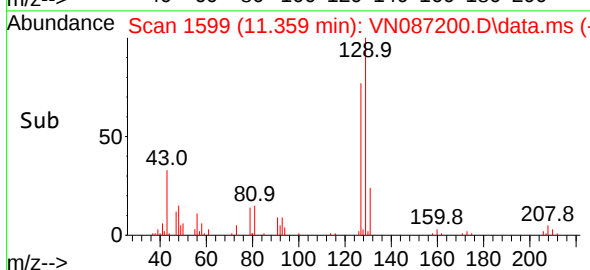
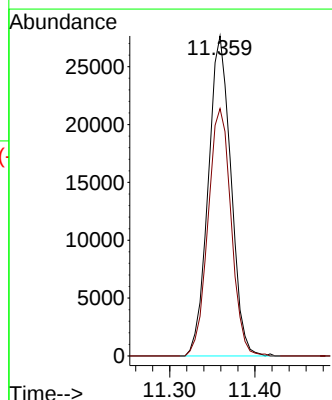
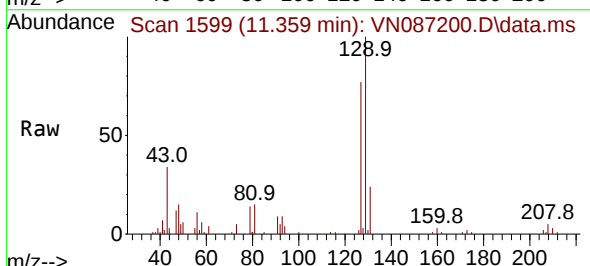
Manual Integrations
APPROVED

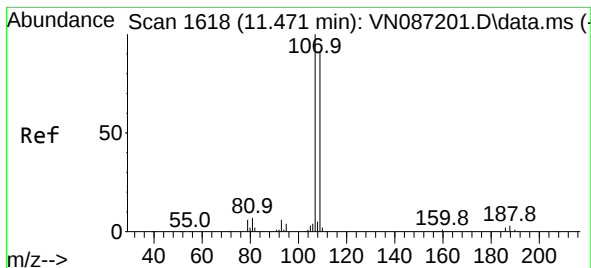
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



#60
Dibromochloromethane
Concen: 24.794 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN087200.D
Acq: 26 Jun 2025 17:36

Tgt Ion:129 Resp: 51223
Ion Ratio Lower Upper
129 100
127 78.4 38.9 116.6





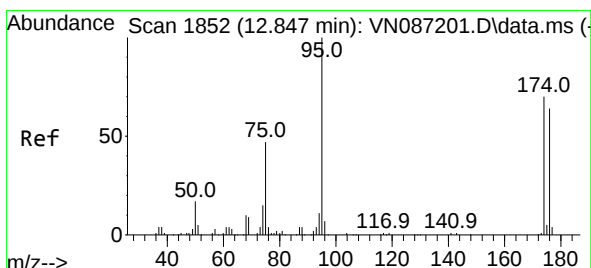
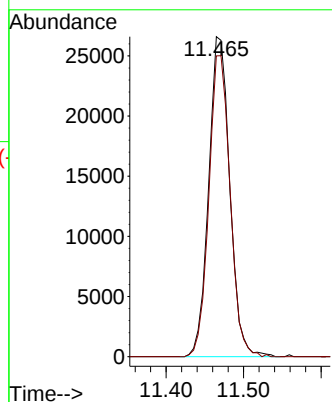
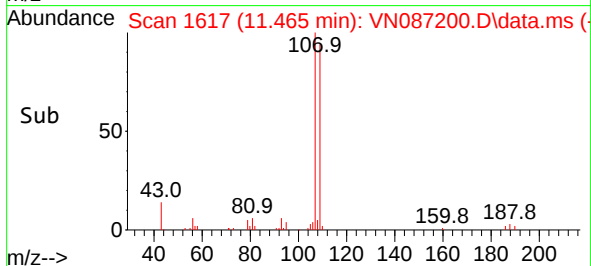
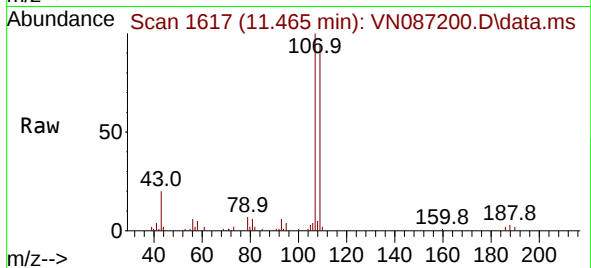
#61
1,2-Dibromoethane
Concen: 25.067 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.006 min
Lab File: VN087200.D
Acq: 26 Jun 2025 17:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:107 Resp: 50330
Ion Ratio Lower Upper
107 100
109 94.5 74.4 111.6

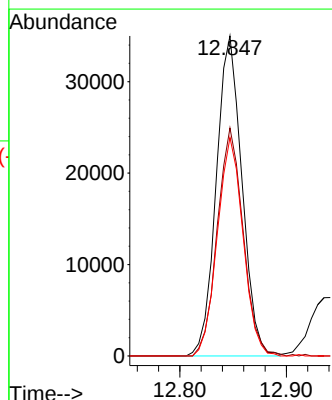
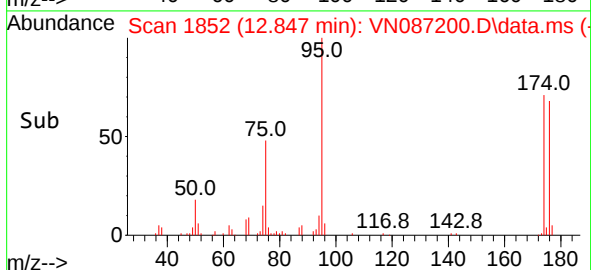
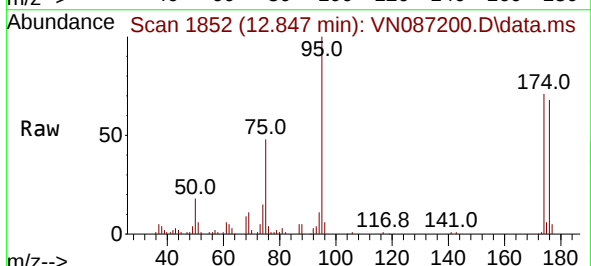
Manual Integrations
APPROVED

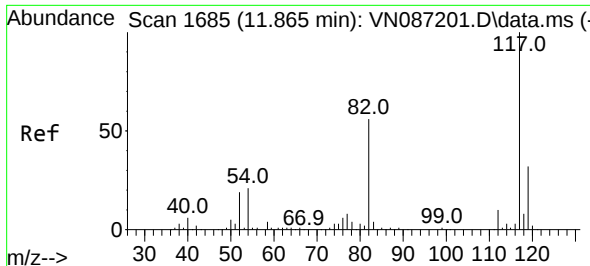
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



#62
4-Bromofluorobenzene
Concen: 23.494 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN087200.D
Acq: 26 Jun 2025 17:36

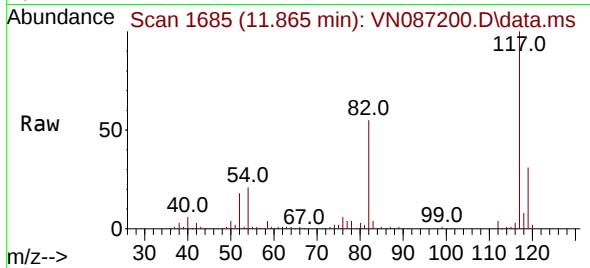
Tgt Ion: 95 Resp: 58533
Ion Ratio Lower Upper
95 100
174 71.7 0.0 142.2
176 68.2 0.0 134.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN087200.D
Acq: 26 Jun 2025 17:36

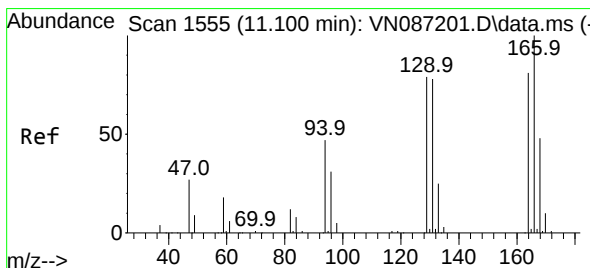
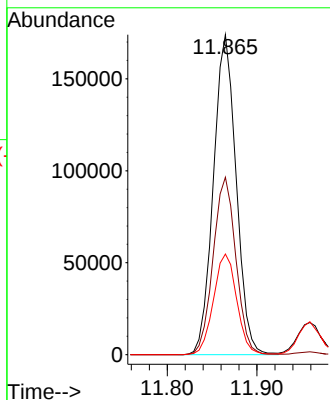
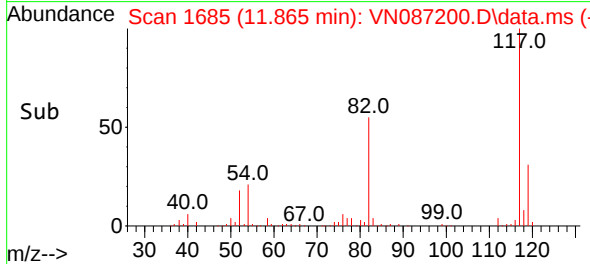
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



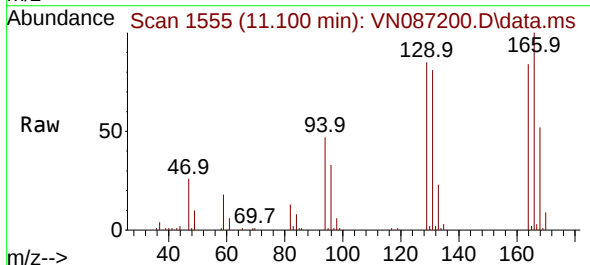
Tgt Ion:117 Resp: 30648
Ion Ratio Lower Upper
117 100
82 55.5 45.0 67.4
119 31.4 25.9 38.9

Manual Integrations
APPROVED

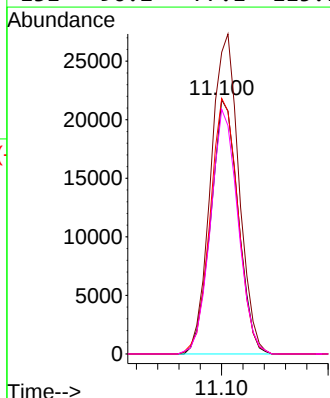
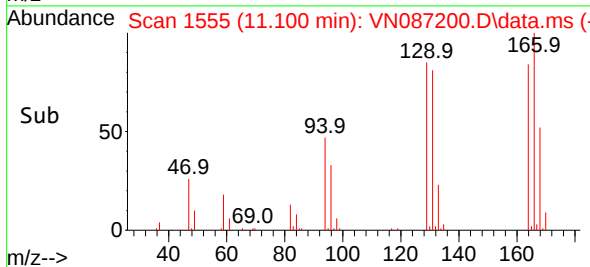
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025

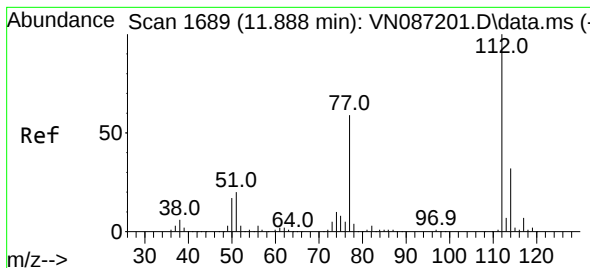


#64
Tetrachloroethene
Concen: 20.669 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN087200.D
Acq: 26 Jun 2025 17:36



Tgt Ion:164 Resp: 38772
Ion Ratio Lower Upper
164 100
166 118.7 98.8 148.2
129 100.5 78.3 117.5
131 96.2 77.1 115.7





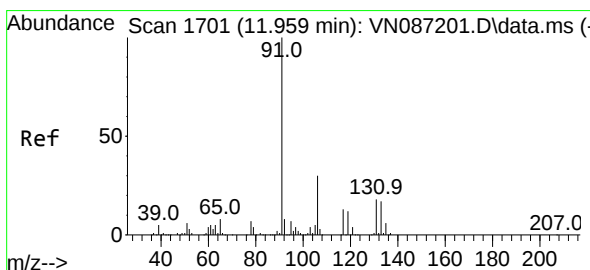
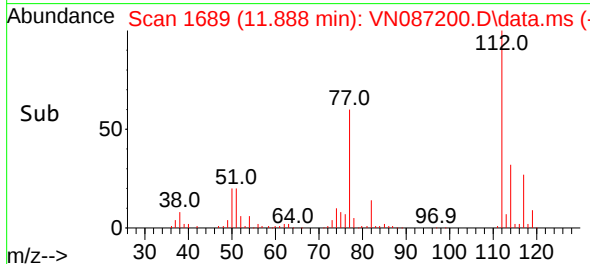
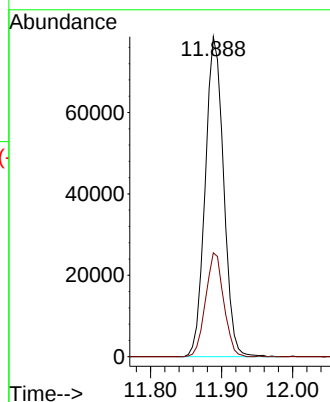
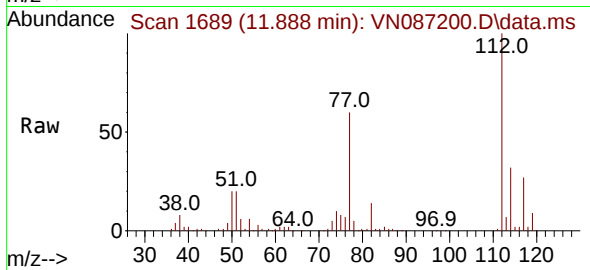
#65
Chlorobenzene
Concen: 20.856 ug/l
RT: 11.888 min Scan# 1117
Delta R.T. 0.000 min
Lab File: VN087200.D
Acq: 26 Jun 2025 17:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion:112 Resp: 141770
Ion Ratio Lower Upper
112 100
114 32.5 25.7 38.5

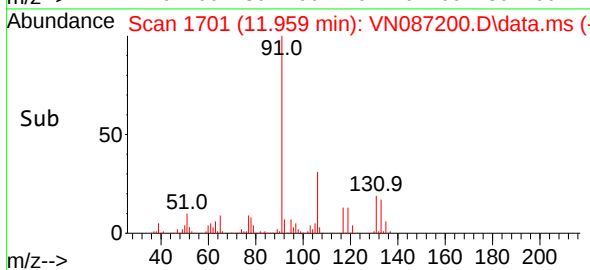
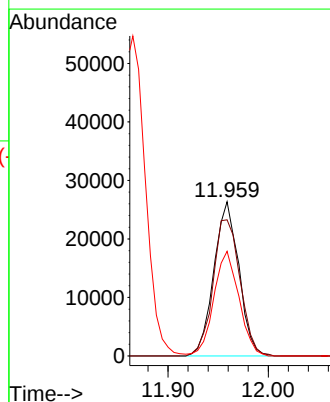
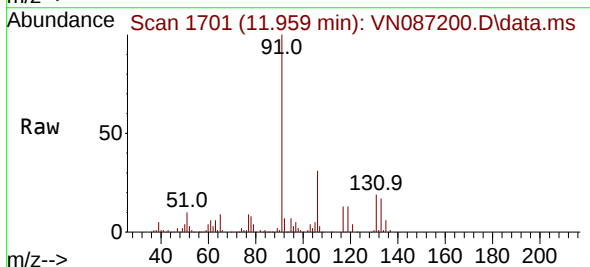
Manual Integrations
APPROVED

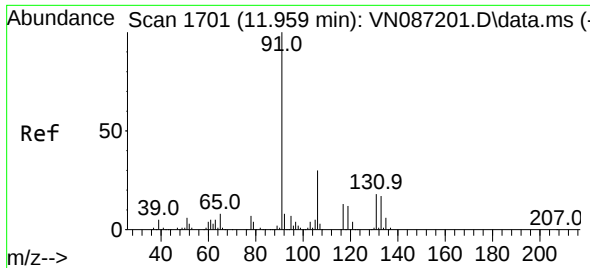
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 21.009 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN087200.D
Acq: 26 Jun 2025 17:36

Tgt Ion:131 Resp: 45618
Ion Ratio Lower Upper
131 100
133 95.8 47.9 143.6
119 68.3 34.6 103.9





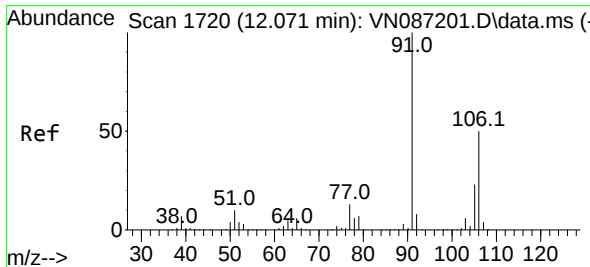
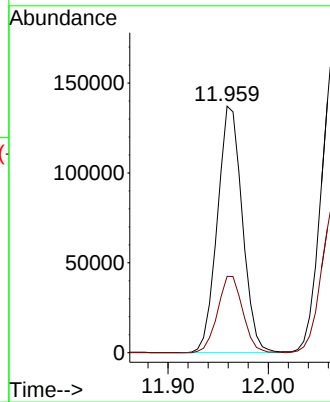
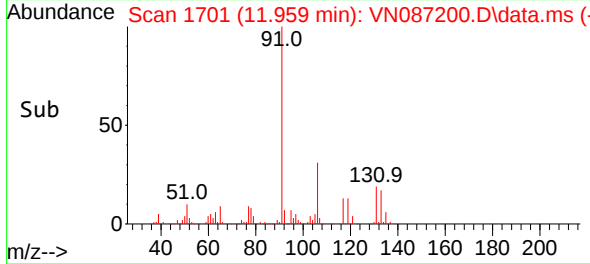
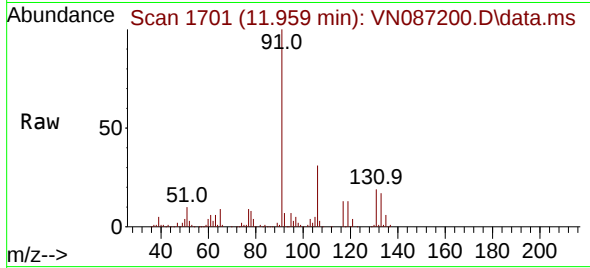
#67
Ethyl Benzene
Concen: 20.901 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN087200.D
Acq: 26 Jun 2025 17:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 91 Resp: 23696
Ion Ratio Lower Upper
91 100
106 30.9 24.2 36.2

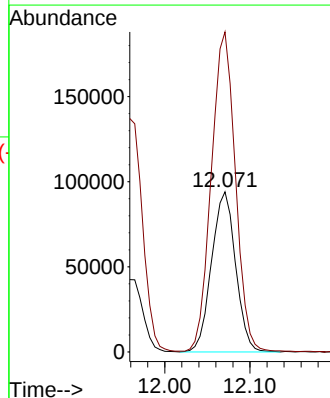
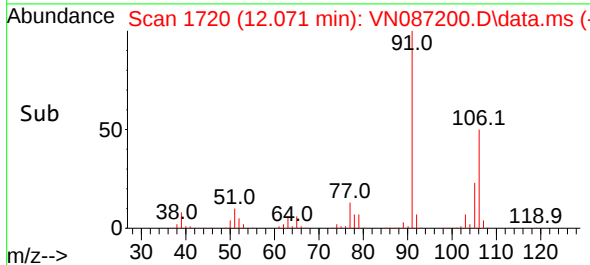
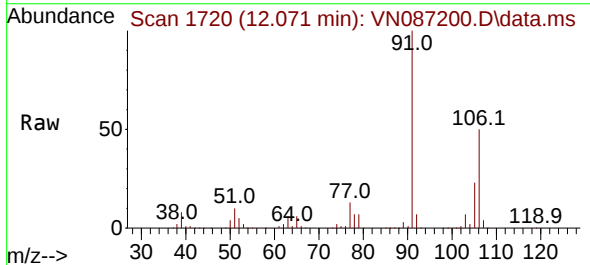
Manual Integrations
APPROVED

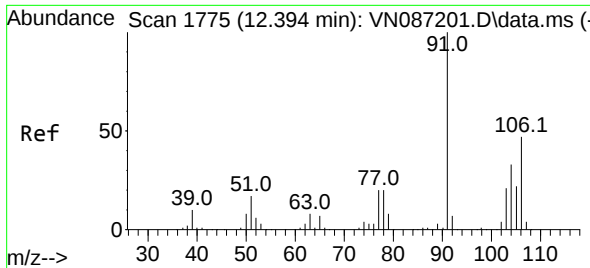
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



#68
m/p-Xylenes
Concen: 42.518 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN087200.D
Acq: 26 Jun 2025 17:36

Tgt Ion:106 Resp: 184445
Ion Ratio Lower Upper
106 100
91 200.2 161.0 241.6





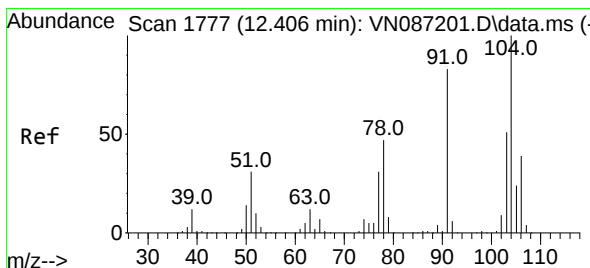
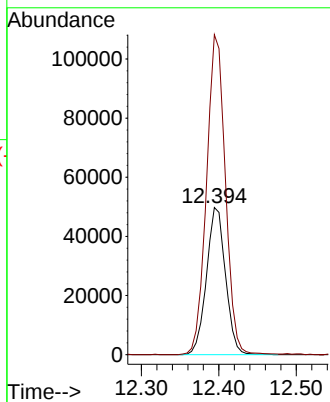
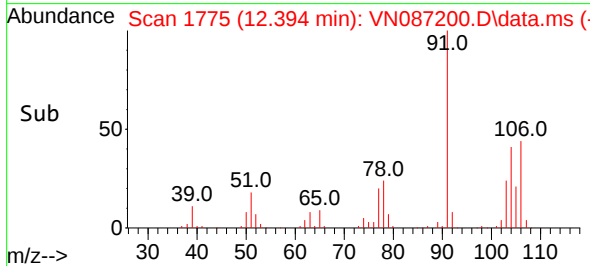
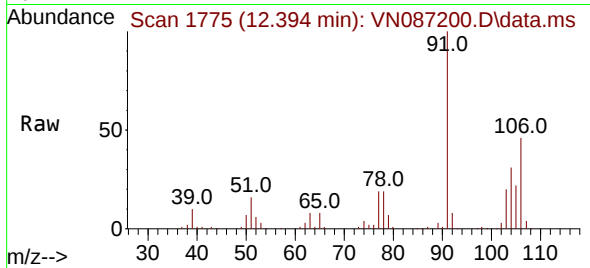
#69
o-Xylene
Concen: 21.543 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN087200.D
Acq: 26 Jun 2025 17:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion:106 Resp: 84954
Ion Ratio Lower Upper
106 100
91 215.8 106.7 320.1

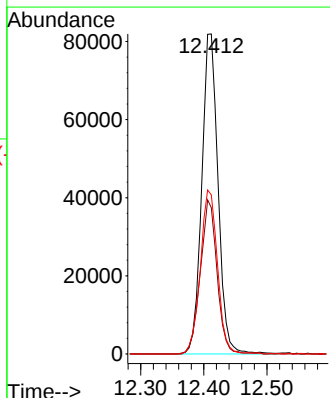
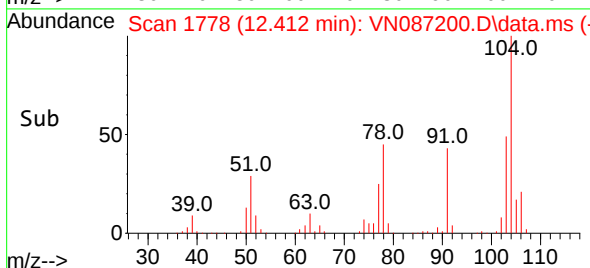
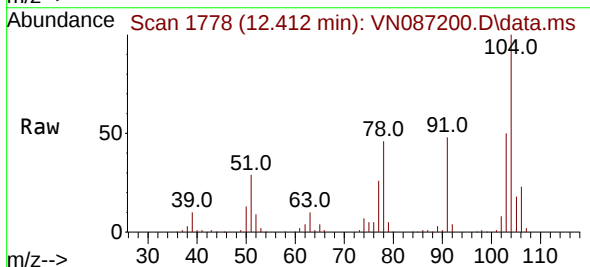
Manual Integrations
APPROVED

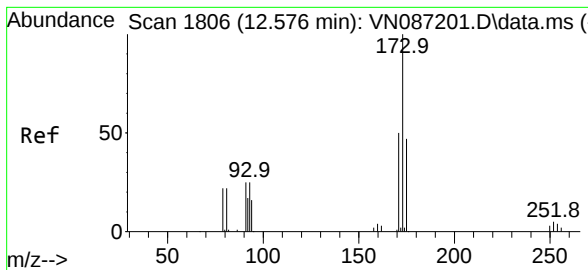
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



#70
Styrene
Concen: 21.727 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VN087200.D
Acq: 26 Jun 2025 17:36

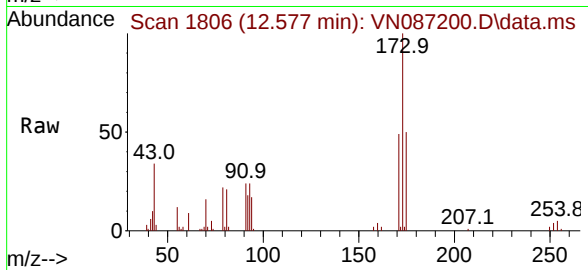
Tgt Ion:104 Resp: 147068
Ion Ratio Lower Upper
104 100
78 49.3 39.3 58.9
103 53.9 43.8 65.6





#71
Bromoform
Concen: 20.770 ug/l
RT: 12.577 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN087200.D
Acq: 26 Jun 2025 17:36

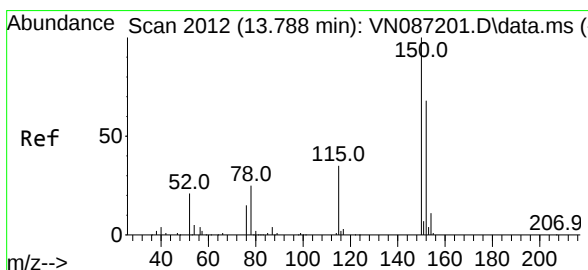
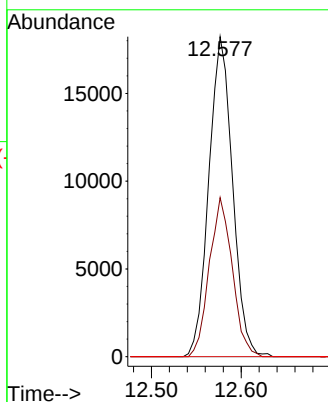
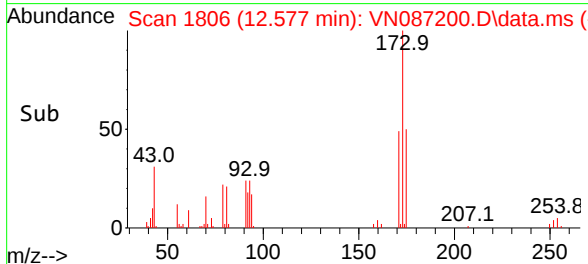
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



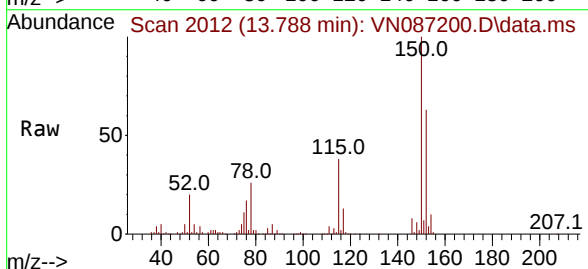
Tgt Ion:173 Resp: 3347
Ion Ratio Lower Upper
173 100
175 48.2 23.8 71.2
254 0.0 0.0 0.0

Manual Integrations
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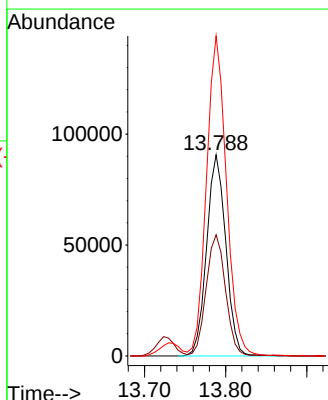
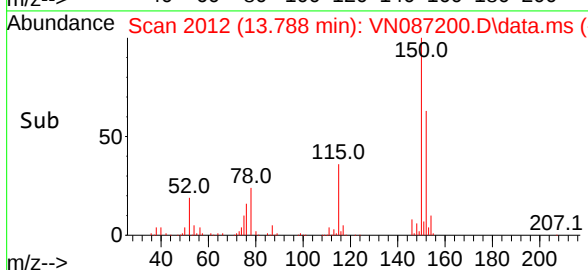
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025

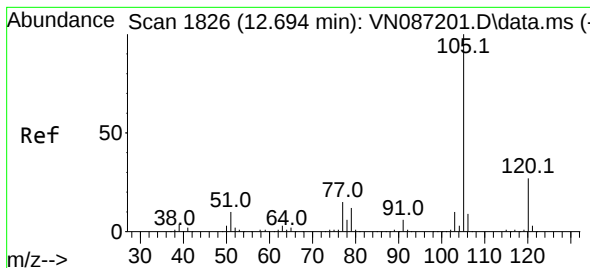


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN087200.D
Acq: 26 Jun 2025 17:36



Tgt Ion:152 Resp: 148859
Ion Ratio Lower Upper
152 100
115 60.2 30.6 91.8
150 164.3 0.0 347.8





#73

Isopropylbenzene

Concen: 21.689 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. 0.000 min

Lab File: VN087200.D

Acq: 26 Jun 2025 17:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion:105 Resp: 21856

Ion Ratio Lower Upper

105 100

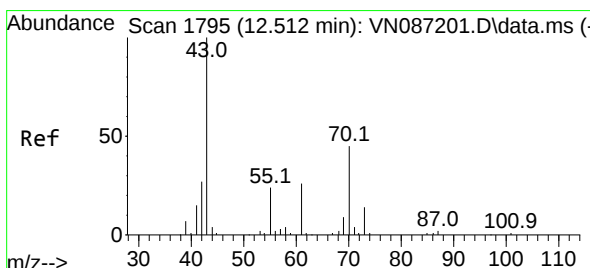
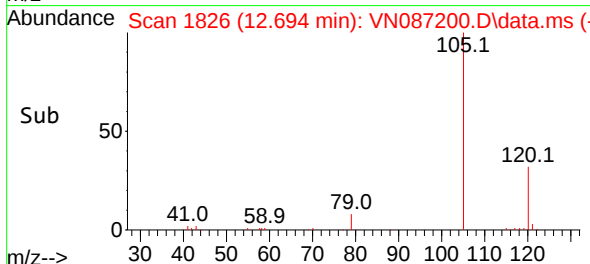
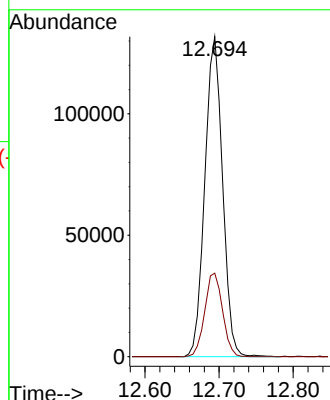
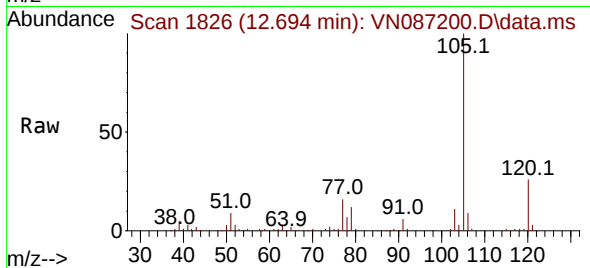
120 26.2 13.4 40.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/27/2025

Supervised By :Mahesh Dadoda 06/27/2025



#74

N-ethyl acetate

Concen: 20.993 ug/l m

RT: 12.535 min Scan# 1799

Delta R.T. 0.024 min

Lab File: VN087200.D

Acq: 26 Jun 2025 17:36

Tgt Ion: 43 Resp: 78171

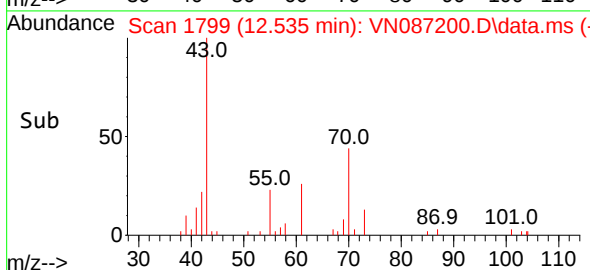
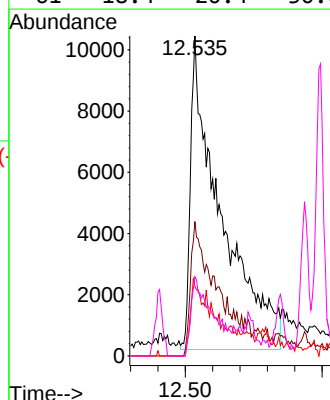
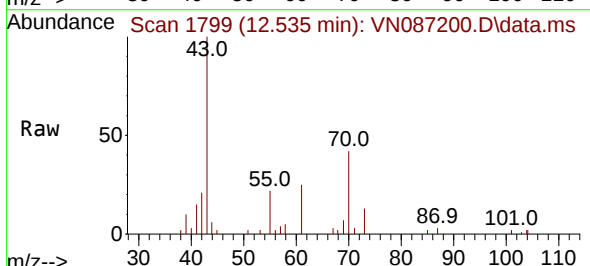
Ion Ratio Lower Upper

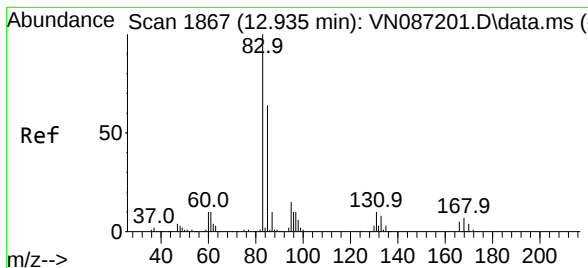
43 100

70 21.3 32.8 49.2#

55 9.2 16.4 24.6#

61 18.4 20.4 30.6#





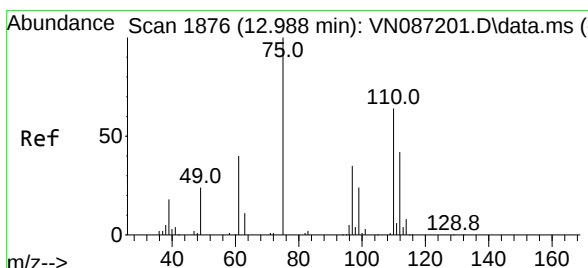
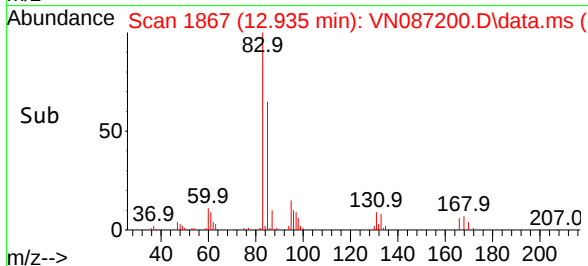
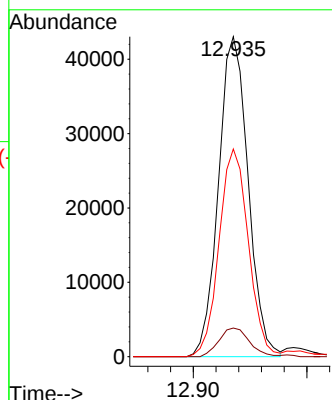
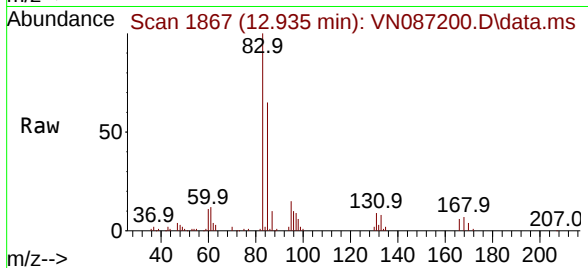
#75
1,1,2,2-Tetrachloroethane
Concen: 21.452 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN087200.D
Acq: 26 Jun 2025 17:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 83 Resp: 77858
Ion Ratio Lower Upper
83 100
131 9.4 4.8 14.4
85 64.2 32.1 96.5

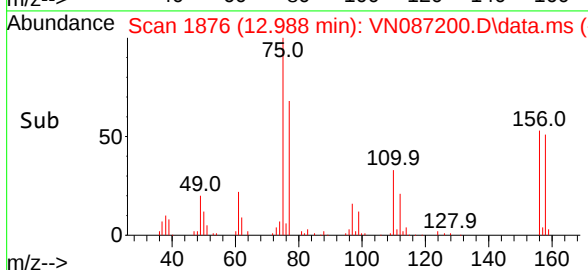
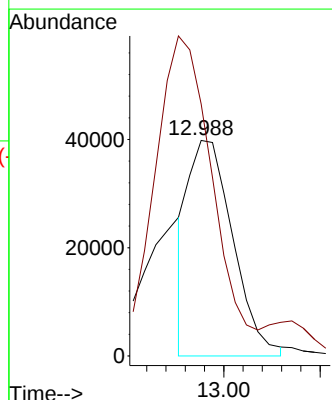
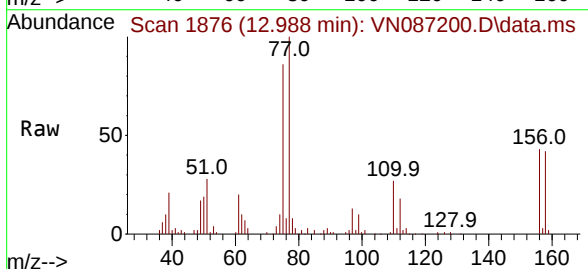
Manual Integrations
APPROVED

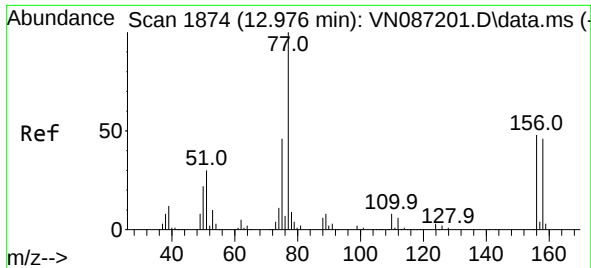
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



#76
1,2,3-Trichloropropane
Concen: 18.258 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VN087200.D
Acq: 26 Jun 2025 17:36

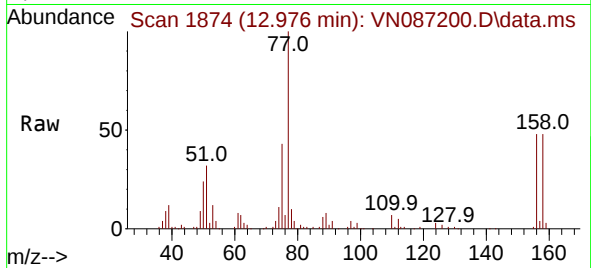
Tgt Ion: 75 Resp: 63938
Ion Ratio Lower Upper
75 100
77 194.2 85.5 256.6





#77
Bromobenzene
Concen: 21.373 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. 0.000 min
Lab File: VN087200.D
Acq: 26 Jun 2025 17:36

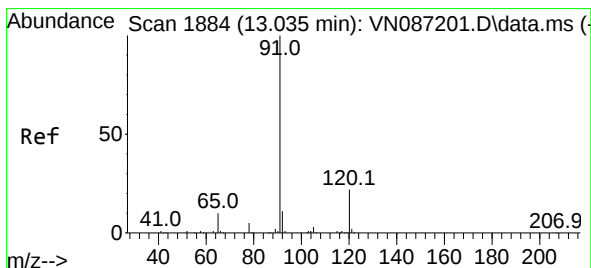
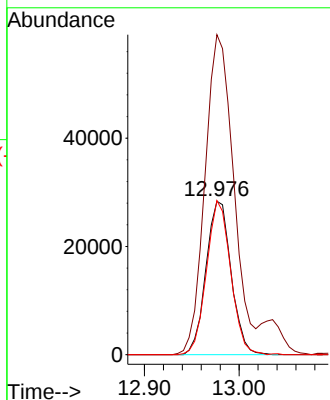
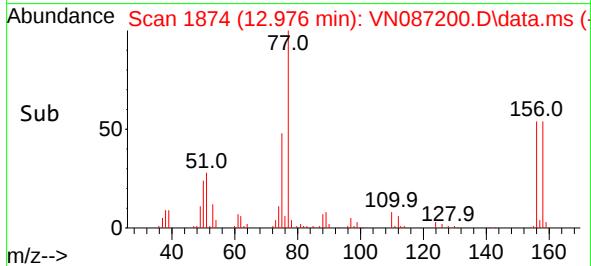
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



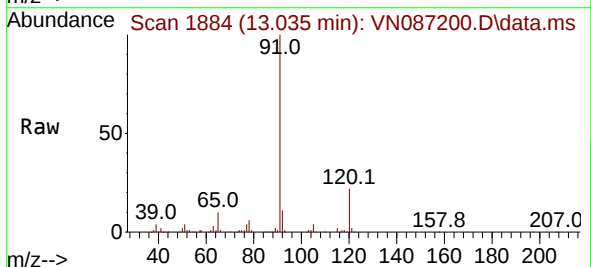
Tgt Ion:156 Resp: 52344
Ion Ratio Lower Upper
156 100
77 237.2 119.6 358.9
158 96.5 48.6 145.9

Manual Integrations
APPROVED

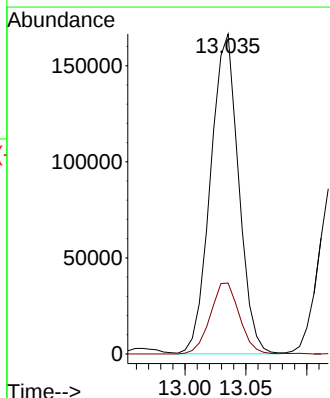
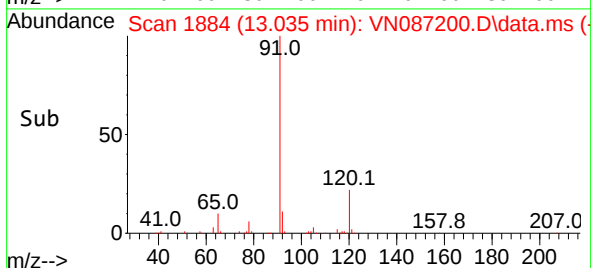
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025

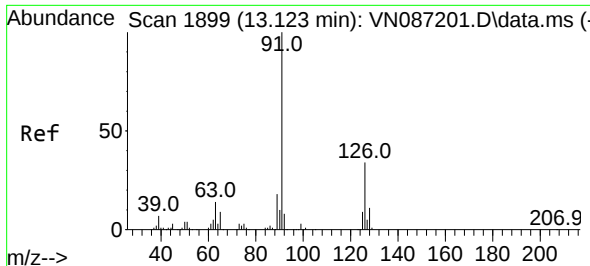


#78
n-propylbenzene
Concen: 21.563 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN087200.D
Acq: 26 Jun 2025 17:36



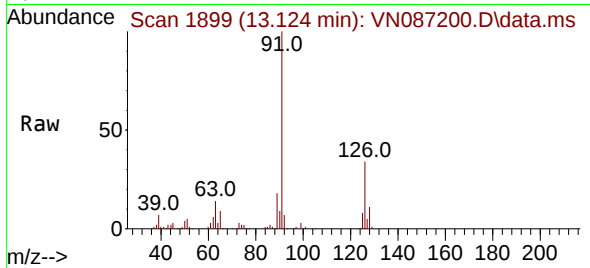
Tgt Ion: 91 Resp: 267638
Ion Ratio Lower Upper
91 100
120 22.9 11.5 34.4





#79
2-Chlorotoluene
Concen: 20.892 ug/l
RT: 13.124 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN087200.D
Acq: 26 Jun 2025 17:36

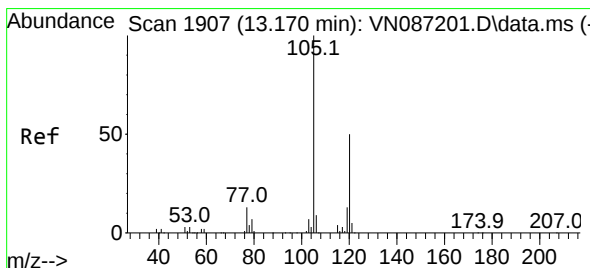
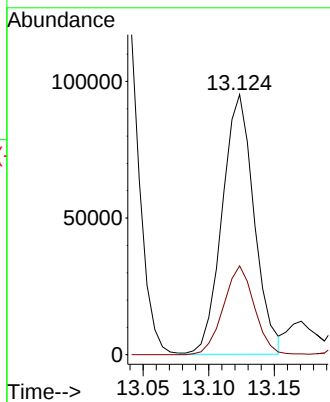
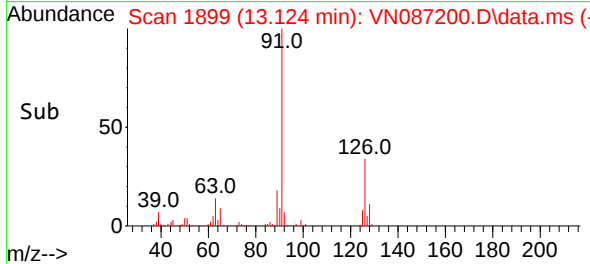
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



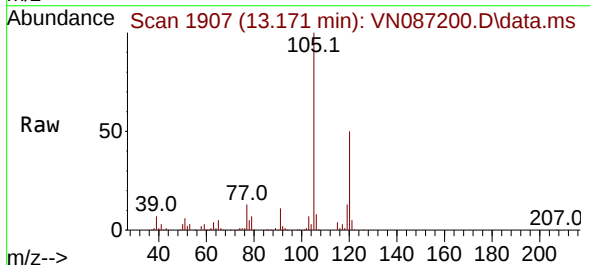
Tgt Ion: 91 Resp: 161418
Ion Ratio Lower Upper
91 100
126 33.1 16.4 49.4

Manual Integrations
APPROVED

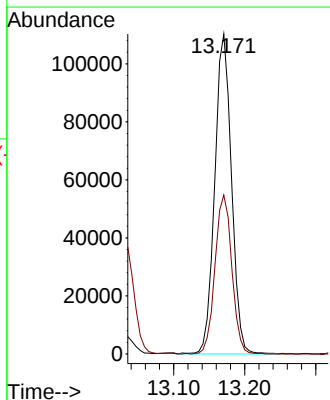
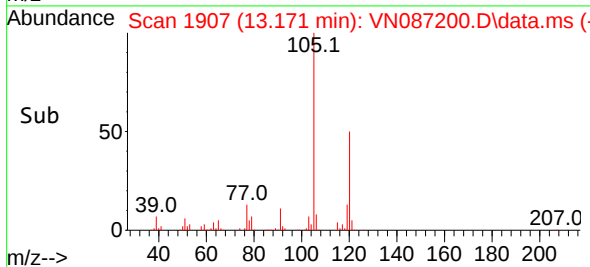
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025

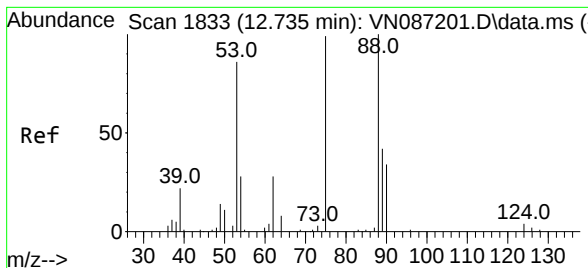


#80
1,3,5-Trimethylbenzene
Concen: 21.639 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN087200.D
Acq: 26 Jun 2025 17:36



Tgt Ion:105 Resp: 180017
Ion Ratio Lower Upper
105 100
120 49.9 25.1 75.3





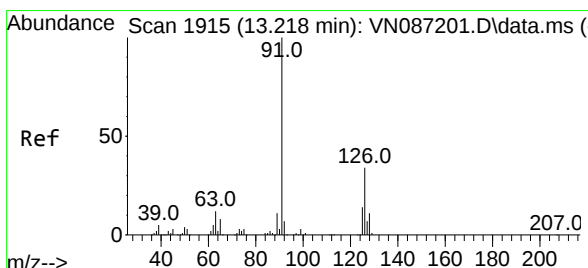
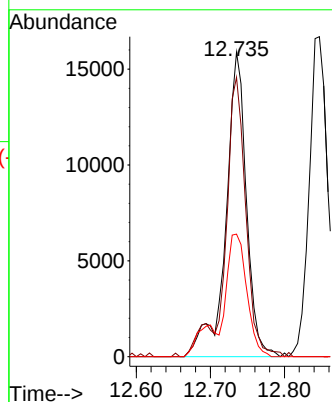
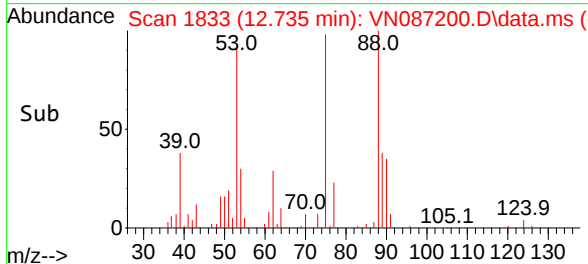
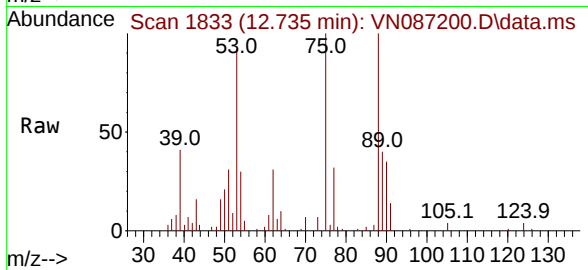
#81
trans-1,4-Dichloro-2-butene
Concen: 20.832 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN087200.D
Acq: 26 Jun 2025 17:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 75 Resp: 3082
Ion Ratio Lower Upper
75 100
53 81.9 71.4 107.0
89 38.7 37.9 56.9

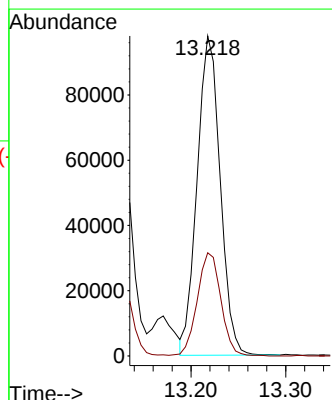
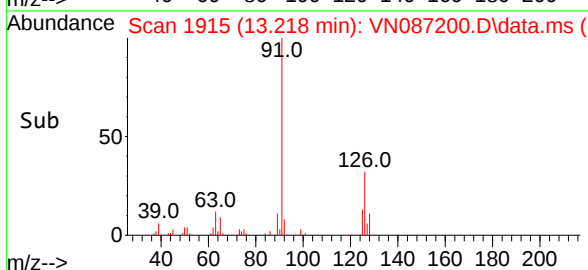
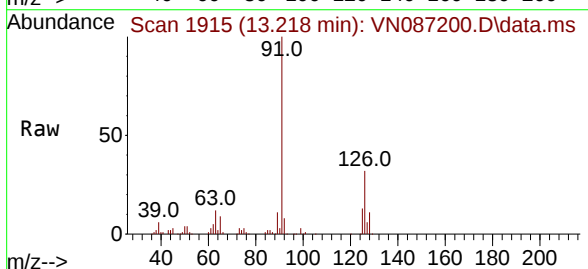
Manual Integrations
APPROVED

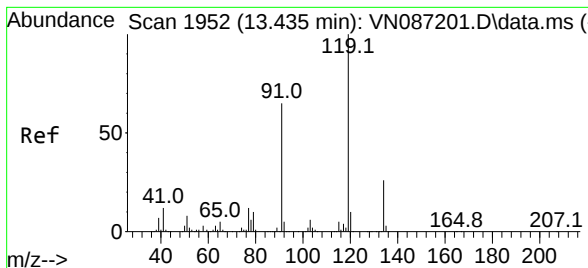
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



#82
4-Chlorotoluene
Concen: 21.518 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN087200.D
Acq: 26 Jun 2025 17:36

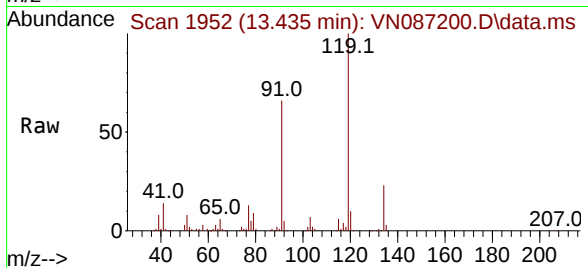
Tgt Ion: 91 Resp: 165748
Ion Ratio Lower Upper
91 100
126 33.0 16.7 50.1





#83
tert-Butylbenzene
Concen: 21.251 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN087200.D
Acq: 26 Jun 2025 17:36

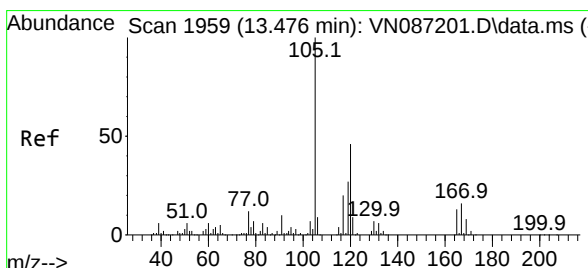
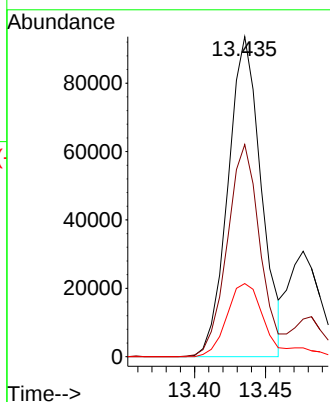
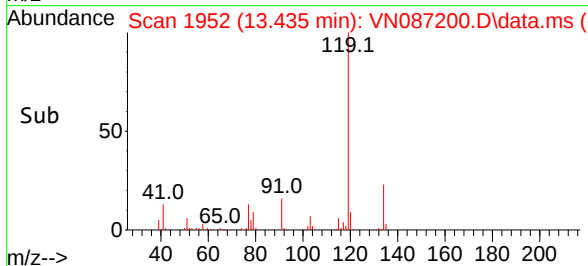
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



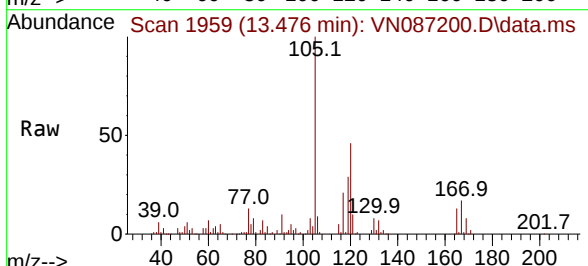
Tgt Ion:119 Resp: 151859
Ion Ratio Lower Upper
119 100
91 66.7 32.9 98.7
134 26.9 13.5 40.4

Manual Integrations
APPROVED

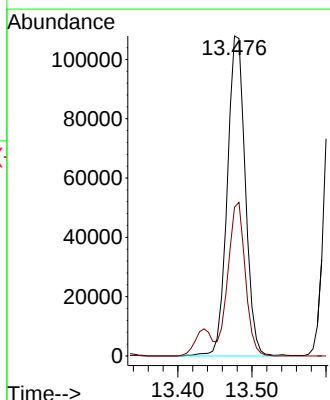
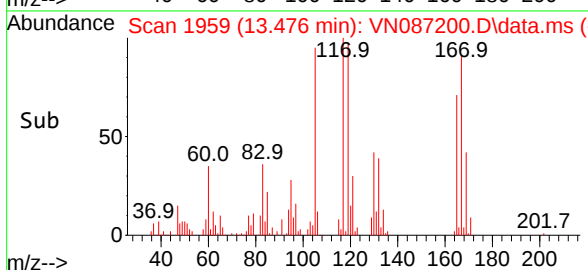
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025

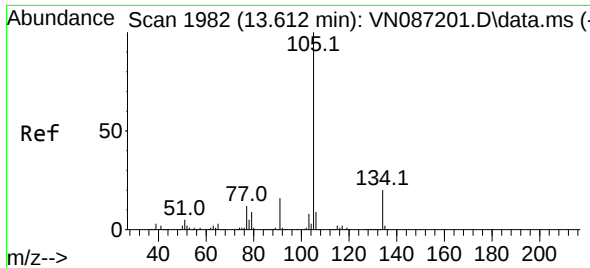


#84
1,2,4-Trimethylbenzene
Concen: 21.536 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. 0.000 min
Lab File: VN087200.D
Acq: 26 Jun 2025 17:36



Tgt Ion:105 Resp: 181793
Ion Ratio Lower Upper
105 100
120 45.7 22.9 68.8





#85
 sec-Butylbenzene
 Concen: 21.712 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. 0.000 min
 Lab File: VN087200.D
 Acq: 26 Jun 2025 17:36

Instrument :

MSVOA_N

ClientSampleId :

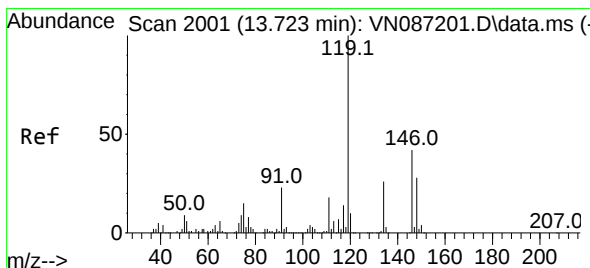
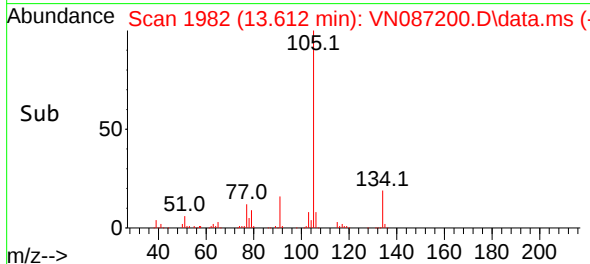
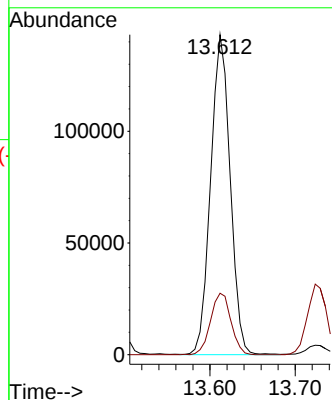
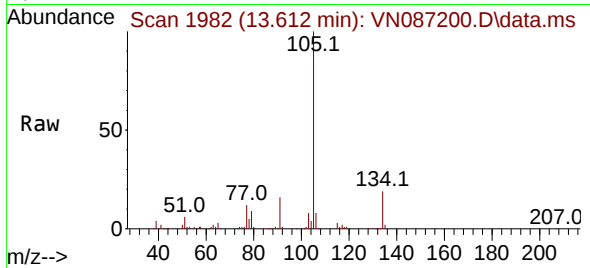
VSTDIC020

Tgt Ion:105 Resp: 228579
 Ion Ratio Lower Upper
 105 100
 134 20.0 9.9 29.7

Manual Integrations

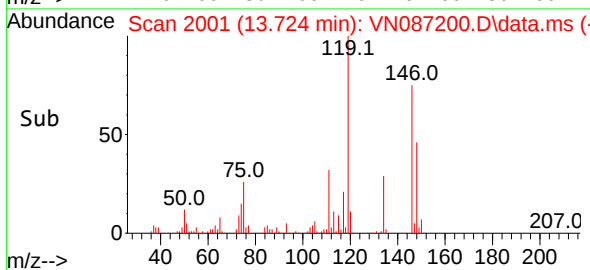
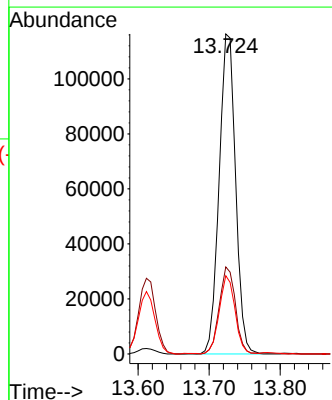
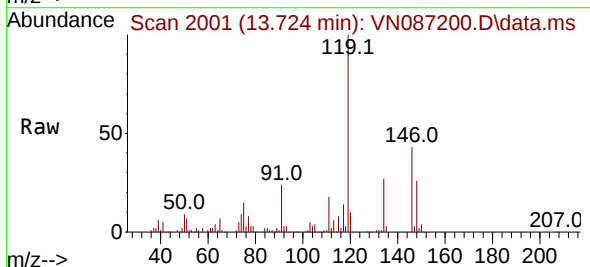
APPROVED

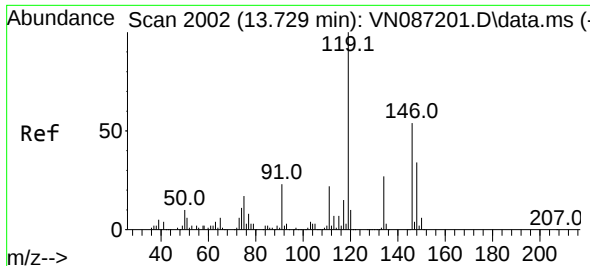
Reviewed By :John Carlone 06/27/2025
 Supervised By :Mahesh Dadoda 06/27/2025



#86
 p-Isopropyltoluene
 Concen: 21.581 ug/l
 RT: 13.724 min Scan# 2001
 Delta R.T. 0.000 min
 Lab File: VN087200.D
 Acq: 26 Jun 2025 17:36

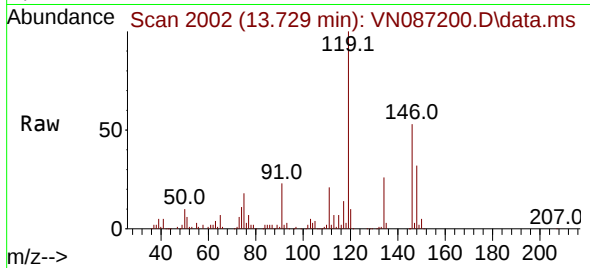
Tgt Ion:119 Resp: 186341
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.4 40.1
 91 23.5 11.5 34.4





#87
1,3-Dichlorobenzene
Concen: 21.131 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN087200.D
Acq: 26 Jun 2025 17:36

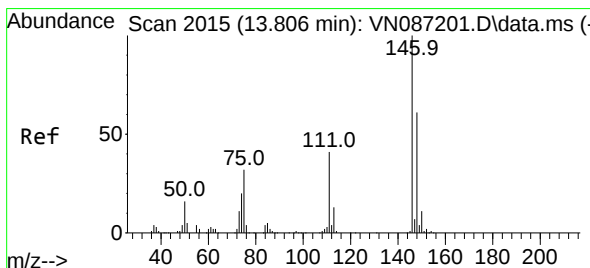
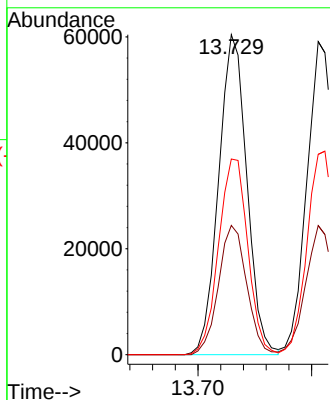
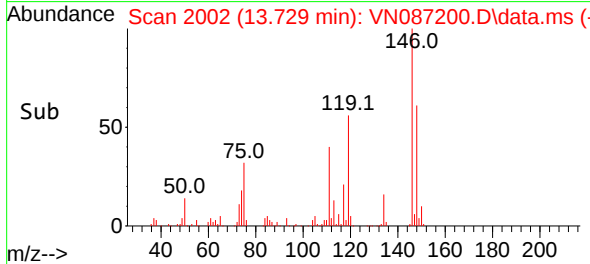
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



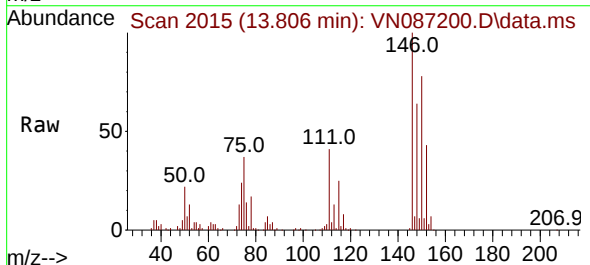
Tgt Ion:146 Resp: 10414
Ion Ratio Lower Upper
146 100
111 40.5 21.1 63.4
148 63.4 32.0 96.2

Manual Integrations
APPROVED

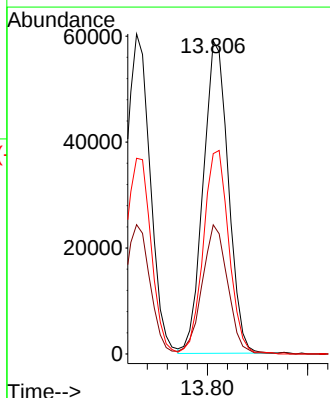
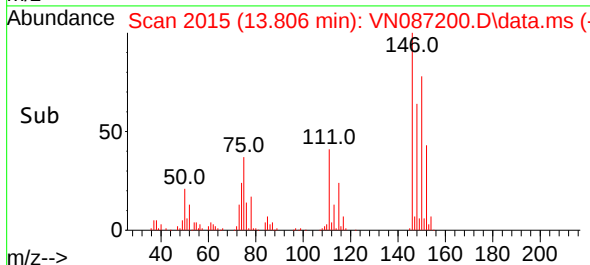
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025

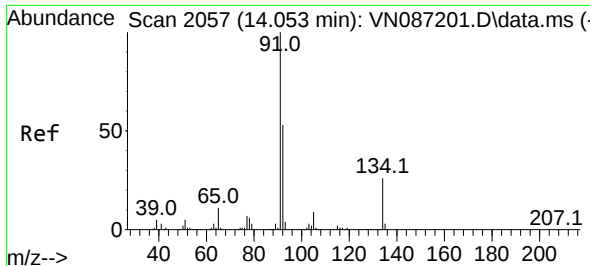


#88
1,4-Dichlorobenzene
Concen: 20.248 ug/l
RT: 13.806 min Scan# 2015
Delta R.T. 0.000 min
Lab File: VN087200.D
Acq: 26 Jun 2025 17:36



Tgt Ion:146 Resp: 102599
Ion Ratio Lower Upper
146 100
111 41.3 19.9 59.6
148 66.4 31.4 94.0





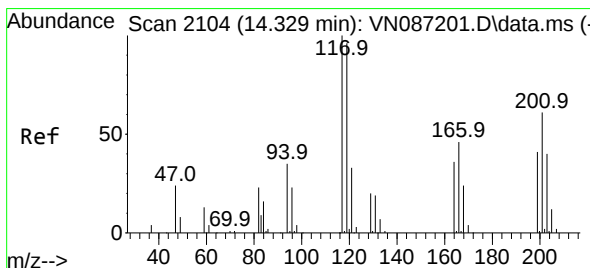
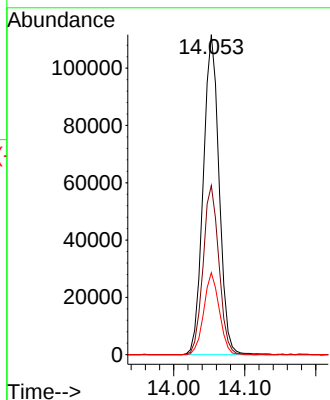
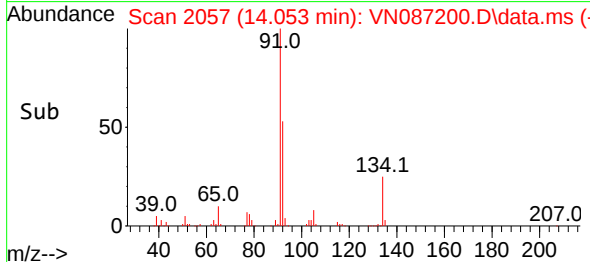
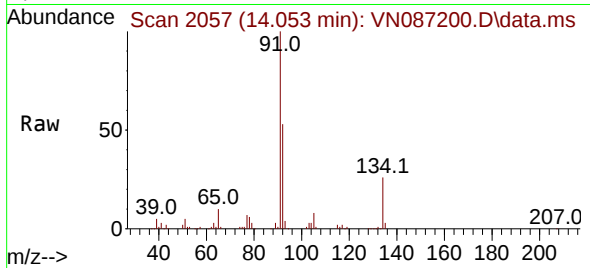
#89
n-Butylbenzene
Concen: 21.658 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN087200.D
Acq: 26 Jun 2025 17:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 91 Resp: 173749
Ion Ratio Lower Upper
91 100
92 52.7 26.9 80.7
134 24.9 12.8 38.4

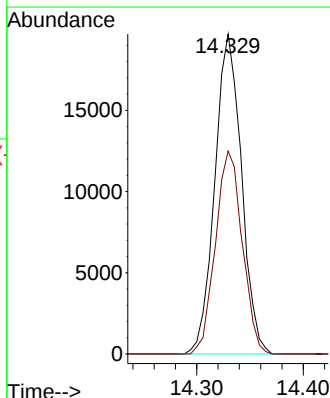
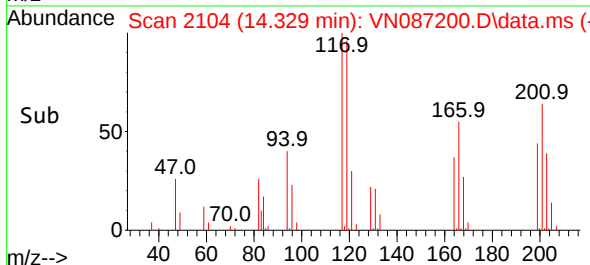
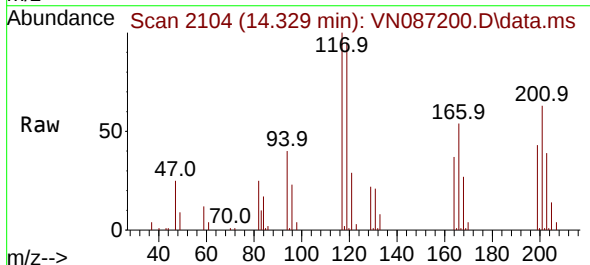
Manual Integrations
APPROVED

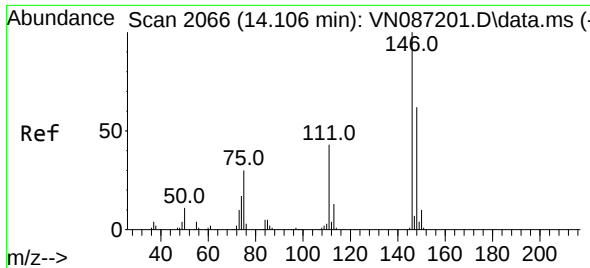
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



#90
Hexachloroethane
Concen: 20.458 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VN087200.D
Acq: 26 Jun 2025 17:36

Tgt Ion:117 Resp: 34185
Ion Ratio Lower Upper
117 100
201 63.7 31.8 95.3





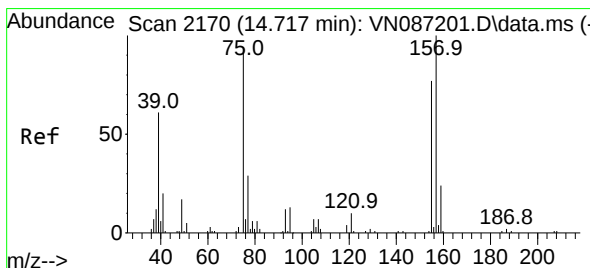
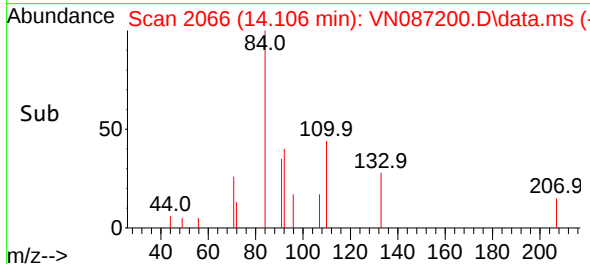
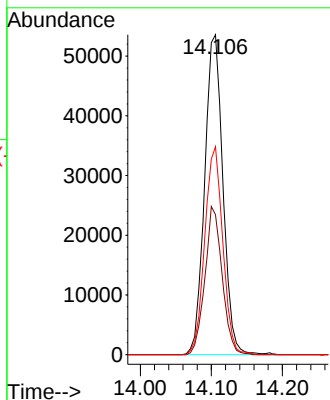
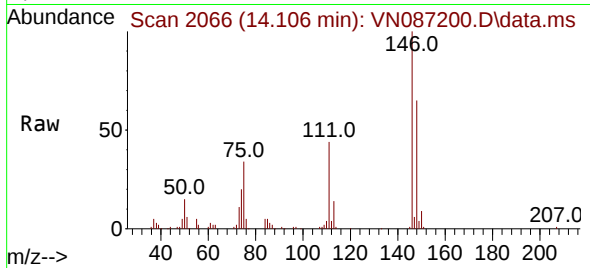
#91
1,2-Dichlorobenzene
Concen: 20.699 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN087200.D
Acq: 26 Jun 2025 17:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion:146 Resp: 9607
Ion Ratio Lower Upper
146 100
111 43.6 21.4 64.2
148 64.0 31.5 94.5

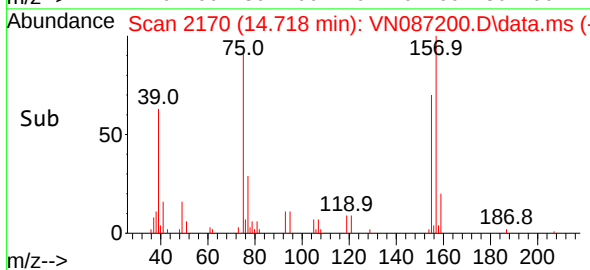
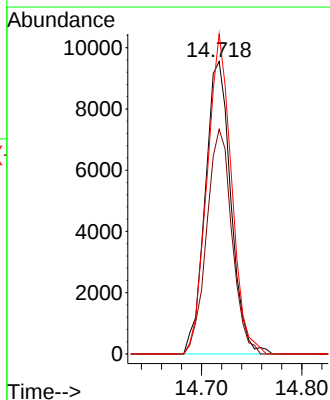
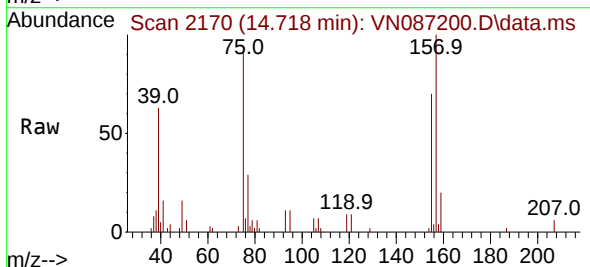
Manual Integrations
APPROVED

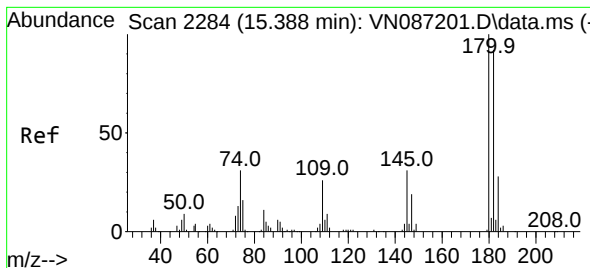
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.470 ug/l
RT: 14.718 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN087200.D
Acq: 26 Jun 2025 17:36

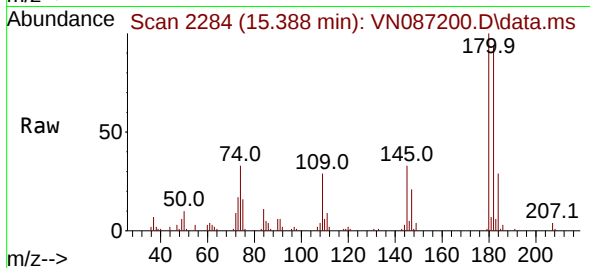
Tgt Ion: 75 Resp: 16960
Ion Ratio Lower Upper
75 100
155 75.6 39.4 118.1
157 104.4 51.1 153.4





#93
1,2,4-Trichlorobenzene
Concen: 20.799 ug/l
RT: 15.388 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN087200.D
Acq: 26 Jun 2025 17:36

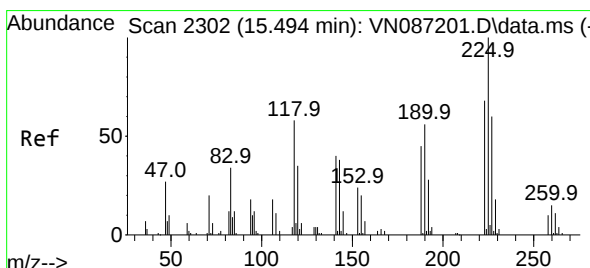
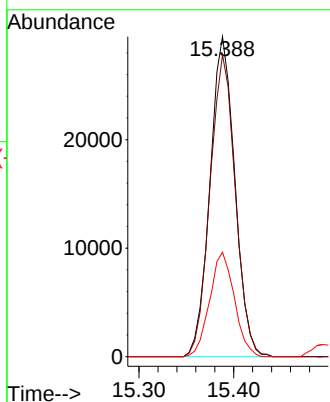
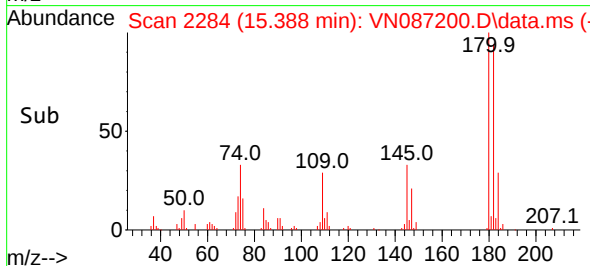
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



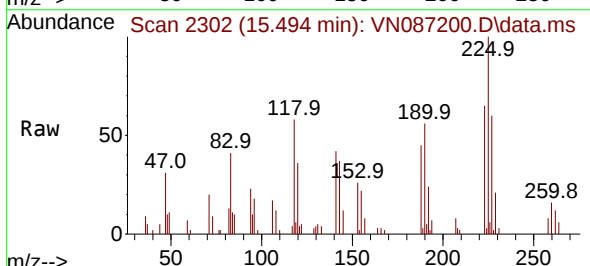
Tgt Ion:180 Resp: 53749
Ion Ratio Lower Upper
180 100
182 95.6 47.1 141.3
145 32.4 16.2 48.5

Manual Integrations
APPROVED

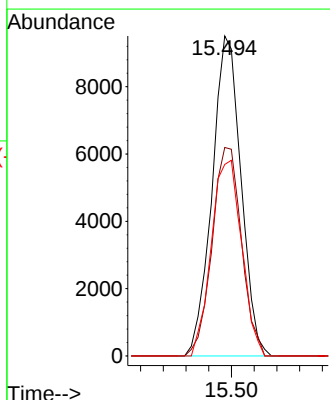
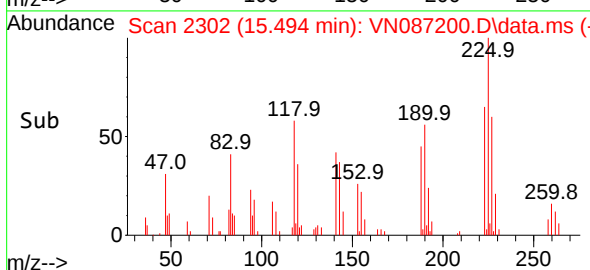
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025

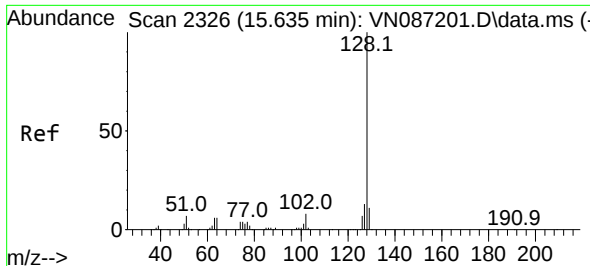


#94
Hexachlorobutadiene
Concen: 20.589 ug/l
RT: 15.494 min Scan# 2302
Delta R.T. 0.000 min
Lab File: VN087200.D
Acq: 26 Jun 2025 17:36



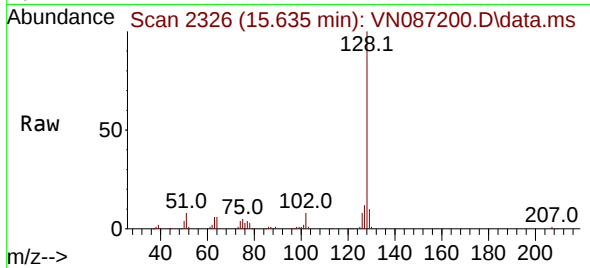
Tgt Ion:225 Resp: 16783
Ion Ratio Lower Upper
225 100
223 66.1 32.9 98.6
227 64.3 32.0 96.2





#95
Naphthalene
Concen: 20.647 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. 0.000 min
Lab File: VN087200.D
Acq: 26 Jun 2025 17:36

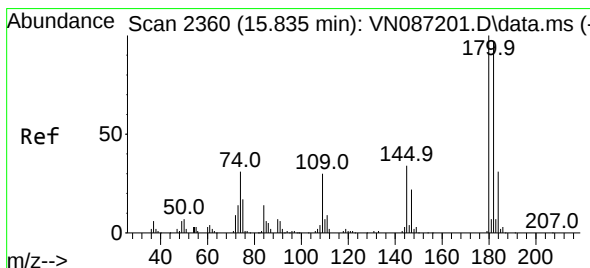
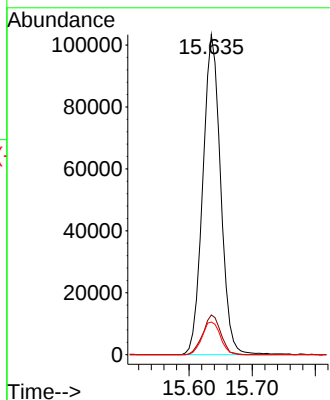
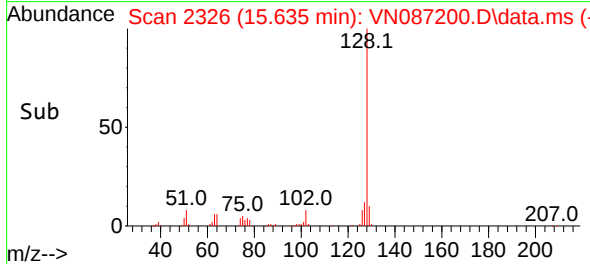
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion:128 Resp: 202398
Ion Ratio Lower Upper
128 100
127 12.5 10.1 15.1
129 10.5 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



#96
1,2,3-Trichlorobenzene
Concen: 20.314 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VN087200.D
Acq: 26 Jun 2025 17:36

Tgt Ion:180 Resp: 51827
Ion Ratio Lower Upper
180 100
182 95.4 47.5 142.6
145 35.3 16.9 50.7

