

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082125\
 Data File : VN087624.D
 Acq On : 21 Aug 2025 14:44
 Operator : JC\MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC150

Quant Time: Aug 22 02:36:21 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 22 02:09:28 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 08/22/2025
 Supervised By : Mahesh Dadoda 08/25/2025

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	245979	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	485482	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	448278	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.771	152	220585	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	803343	159.399	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 318.800%#	
35) Dibromofluoromethane	8.147	113	562370	160.440	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 320.880%#	
50) Toluene-d8	10.547	98	2147647	163.702	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 327.400%#	
62) 4-Bromofluorobenzene	12.823	95	785776	168.419	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 336.840%#	

Target Compounds	Qvalue					
2) Dichlorodifluoromethane	2.142	85	576704	165.075	ug/l	97
3) Chloromethane	2.383	50	550985	153.466	ug/l	98
4) Vinyl Chloride	2.536	62	624259	149.961	ug/l	96
5) Bromomethane	2.942	94	360172	167.683	ug/l	96
6) Chloroethane	3.124	64	408766	139.711	ug/l	99
7) Trichlorofluoromethane	3.506	101	909991	149.205	ug/l	94
8) Diethyl Ether	3.959	74	383278	144.299	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.365	101	484239	140.317	ug/l	98
10) Methyl Iodide	4.577	142	432564	151.685	ug/l	97
11) Tert butyl alcohol	5.530	59	641433	733.123	ug/l	98
12) 1,1-Dichloroethene	4.336	96	506728	142.886	ug/l	97
13) Acrolein	4.171	56	861137	800.600	ug/l	99
14) Allyl chloride	5.012	41	1015124	157.956	ug/l	93
15) Acrylonitrile	5.706	53	1818844	737.113	ug/l	99
16) Acetone	4.424	43	1805178	657.978	ug/l	98
17) Carbon Disulfide	4.700	76	1460081	149.550	ug/l	100
18) Methyl Acetate	5.012	43	842183	146.610	ug/l	99
19) Methyl tert-butyl Ether	5.783	73	2023752	152.117	ug/l	97
20) Methylene Chloride	5.259	84	589373	151.029	ug/l	99
21) trans-1,2-Dichloroethene	5.771	96	549970	143.089	ug/l	98
22) Diisopropyl ether	6.659	45	2071435	149.361	ug/l	99
23) Vinyl Acetate	6.589	43	9699326	768.719	ug/l	100
24) 1,1-Dichloroethane	6.553	63	1085255	142.721	ug/l	98
25) 2-Butanone	7.471	43	2610414	723.217	ug/l	99
26) 2,2-Dichloropropane	7.471	77	956513	146.562	ug/l	99
27) cis-1,2-Dichloroethene	7.471	96	667748	145.324	ug/l	98
28) Bromochloromethane	7.794	49	539576	146.779	ug/l	99
29) Tetrahydrofuran	7.824	42	1725889	742.994	ug/l	100
30) Chloroform	7.947	83	1127250	145.239	ug/l	98
31) Cyclohexane	8.241	56	890974	140.551	ug/l	98
32) 1,1,1-Trichloroethane	8.153	97	950731	144.543	ug/l	97
36) 1,1-Dichloropropene	8.353	75	748756	139.242	ug/l	99
37) Ethyl Acetate	7.547	43	1064446	144.861	ug/l	98
38) Carbon Tetrachloride	8.341	117	789246	148.656	ug/l	98
39) Methylcyclohexane	9.583	83	867837	146.589	ug/l	98
40) Benzene	8.588	78	2405823	145.868	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.765	41	552329	145.108	ug/l	97
42) 1,2-Dichloroethane	8.653	62	912127	143.914	ug/l	99
43) Isopropyl Acetate	8.671	43	1715458	149.531	ug/l	98
44) Trichloroethene	9.335	130	538839	143.098	ug/l	99
45) 1,2-Dichloropropane	9.600	63	600437	138.113	ug/l	100
46) Dibromomethane	9.688	93	454128	146.791	ug/l	99
47) Bromodichloromethane	9.865	83	931257	146.876	ug/l	96
48) Methyl methacrylate	9.665	41	826047	152.226	ug/l	99
49) 1,4-Dioxane	9.683	88	204489	2907.396	ug/l #	99
51) 4-Methyl-2-Pentanone	10.424	43	5127143	740.736	ug/l	99
52) Toluene	10.612	92	1505069	147.197	ug/l	100
53) t-1,3-Dichloropropene	10.818	75	1040899	158.602	ug/l	99
54) cis-1,3-Dichloropropene	10.294	75	1034308	151.780	ug/l	99
55) 1,1,2-Trichloroethane	10.994	97	578828	146.338	ug/l	97
56) Ethyl methacrylate	10.853	69	1058252	167.411	ug/l	99
57) 1,3-Dichloropropane	11.141	76	1028391	146.908	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.141	63	2825105	825.716	ug/l	99
59) 2-Hexanone	11.177	43	3690702	843.686	ug/l	100
60) Dibromochloromethane	11.335	129	680951	148.578	ug/l	100
61) 1,2-Dibromoethane	11.447	107	621238	148.950	ug/l	98
64) Tetrachloroethene	11.082	164	421013	135.369	ug/l	96
65) Chlorobenzene	11.871	112	1629434	146.105	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.941	131	562761	151.997	ug/l	99
67) Ethyl Benzene	11.941	91	2928525	151.661	ug/l	98
68) m/p-Xylenes	12.047	106	2189611	309.193	ug/l	99
69) o-Xylene	12.376	106	1053696	151.829	ug/l	99
70) Styrene	12.388	104	1873074	161.099	ug/l	99
71) Bromoform	12.559	173	451851	159.129	ug/l #	98
73) Isopropylbenzene	12.671	105	2726116	152.940	ug/l	100
74) N-amyl acetate	12.482	43	1146975	167.250	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.918	83	907151	147.822	ug/l	100
76) 1,2,3-Trichloropropane	12.971	75	830843m	160.233	ug/l	
77) Bromobenzene	12.959	156	620711	147.691	ug/l	98
78) n-propylbenzene	13.012	91	3351021	152.627	ug/l	100
79) 2-Chlorotoluene	13.100	91	2010067	152.133	ug/l	99
80) 1,3,5-Trimethylbenzene	13.153	105	2284564	151.084	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.712	75	345953	177.054	ug/l	84
82) 4-Chlorotoluene	13.200	91	2047130	147.365	ug/l	98
83) tert-Butylbenzene	13.418	119	1908253	151.441	ug/l	99
84) 1,2,4-Trimethylbenzene	13.459	105	2300224	151.960	ug/l	100
85) sec-Butylbenzene	13.594	105	2775113	148.408	ug/l	100
86) p-Isopropyltoluene	13.706	119	2324153	150.520	ug/l	99
87) 1,3-Dichlorobenzene	13.712	146	1208472	146.014	ug/l	98
88) 1,4-Dichlorobenzene	13.788	146	1218359	141.456	ug/l	99
89) n-Butylbenzene	14.035	91	2273344	148.244	ug/l	99
90) Hexachloroethane	14.312	117	442763	150.511	ug/l	97
91) 1,2-Dichlorobenzene	14.082	146	1153653	146.927	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.694	75	218577	149.934	ug/l	97
93) 1,2,4-Trichlorobenzene	15.365	180	714001	151.432	ug/l	99
94) Hexachlorobutadiene	15.476	225	238563	141.923	ug/l	99
95) Naphthalene	15.612	128	2705715	162.013	ug/l	100
96) 1,2,3-Trichlorobenzene	15.812	180	709644	153.956	ug/l	100

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ClientSampleId :
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Response via : Initial Calibration

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

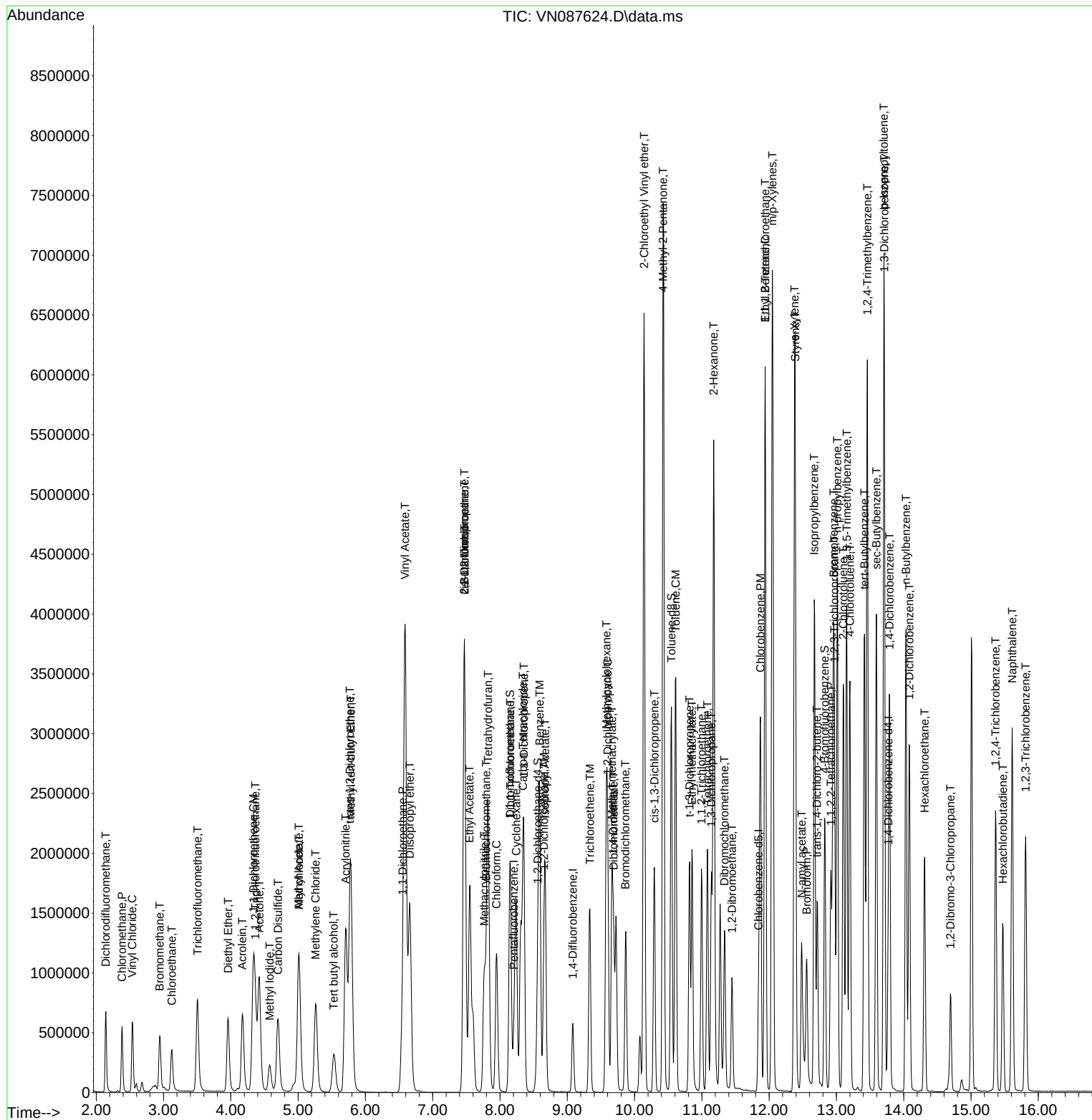
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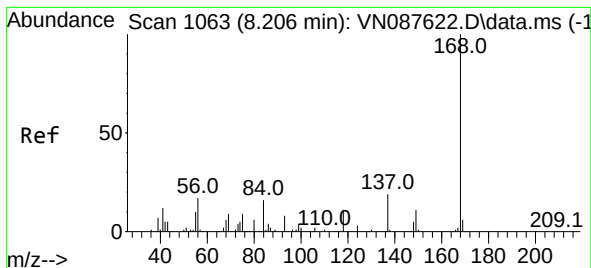
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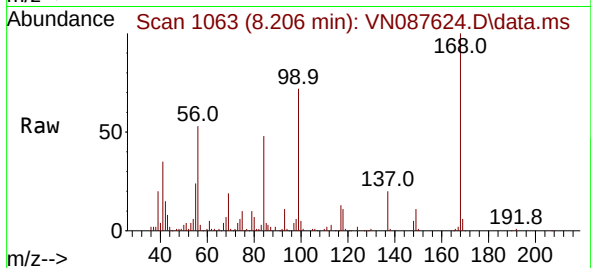
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VN087624.D
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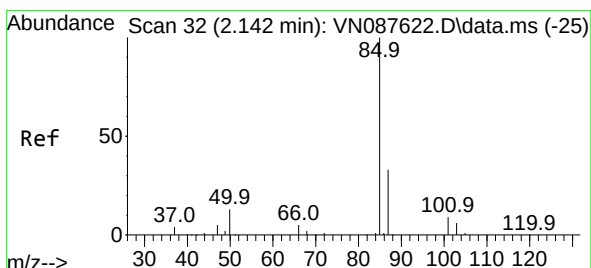
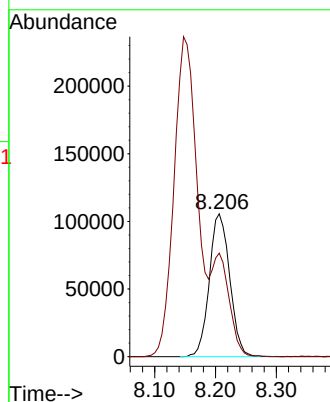
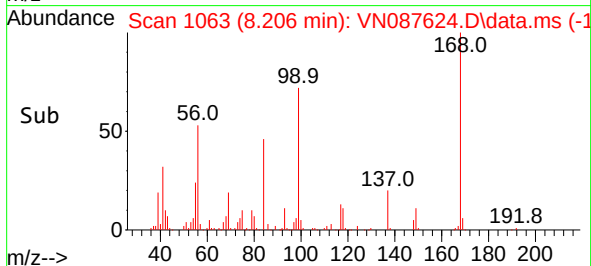
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion:168 Resp: 245979
Ion Ratio Lower Upper
168 100
99 72.4 57.2 85.8

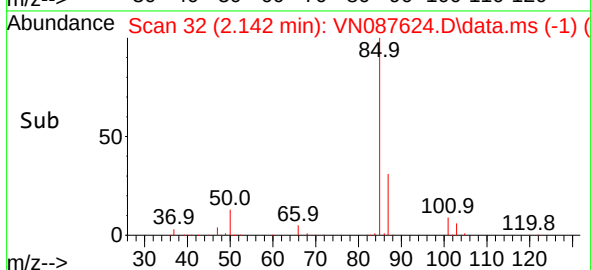
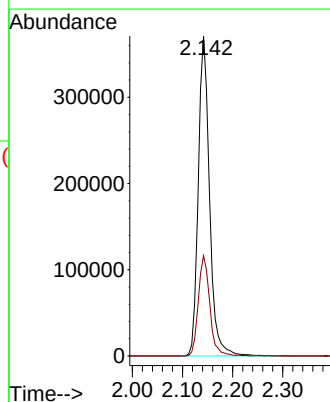
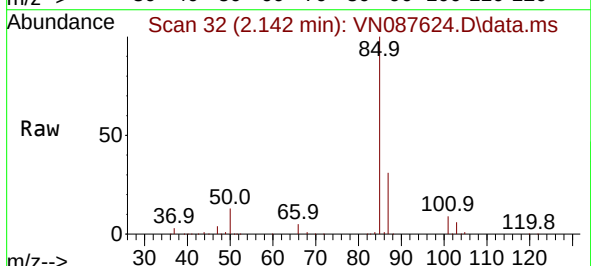
Manual Integrations
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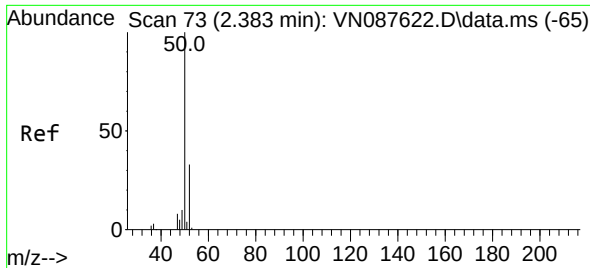
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



#2
Dichlorodifluoromethane
Concen: 165.075 ug/l
RT: 2.142 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN087624.D
Acq: 21 Aug 2025 14:44

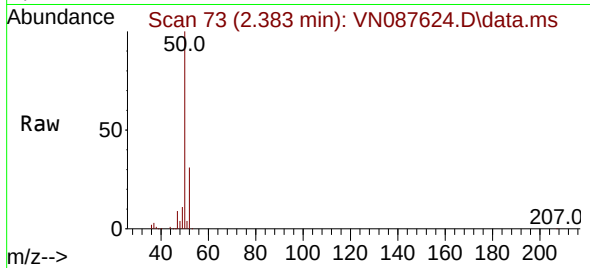
Tgt Ion: 85 Resp: 576704
Ion Ratio Lower Upper
85 100
87 31.3 16.6 49.8





#3
Chloromethane
Concen: 153.466 ug/l
RT: 2.383 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN087624.D
Acq: 21 Aug 2025 14:44

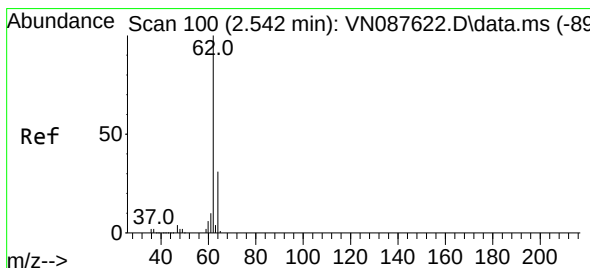
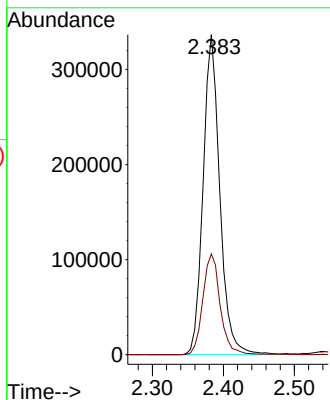
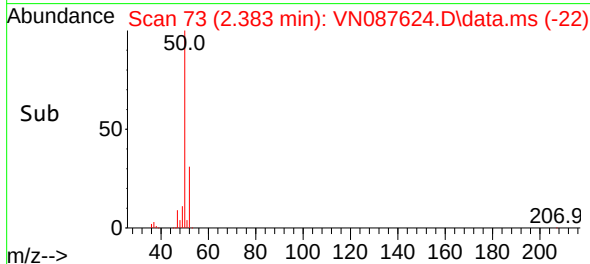
Instrument :
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VSTDICC150



Tgt Ion: 50 Resp: 550985
Ion Ratio Lower Upper
50 100
52 31.5 26.2 39.4

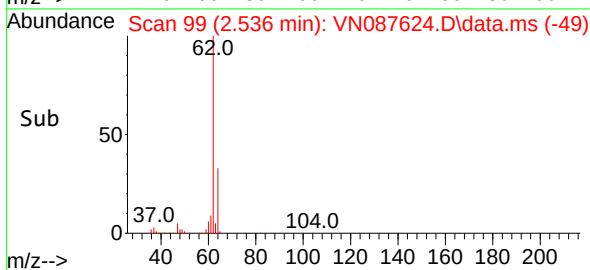
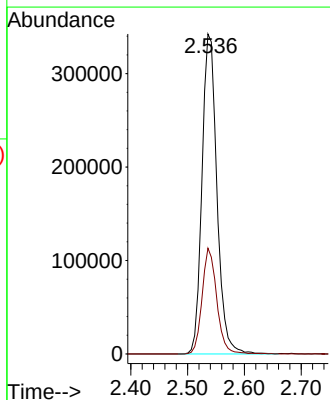
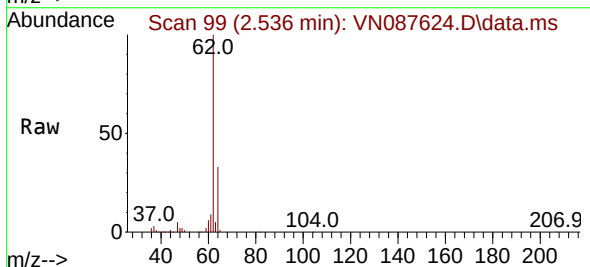
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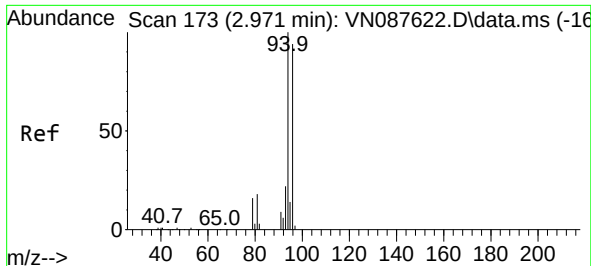
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



#4
Vinyl Chloride
Concen: 149.961 ug/l
RT: 2.536 min Scan# 99
Delta R.T. -0.006 min
Lab File: VN087624.D
Acq: 21 Aug 2025 14:44

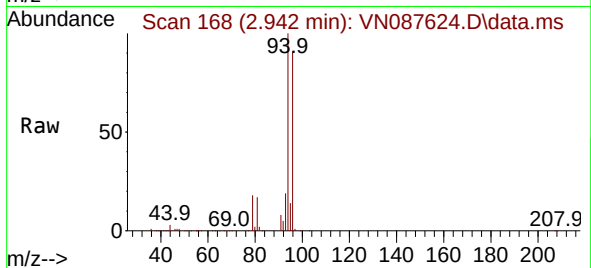
Tgt Ion: 62 Resp: 624259
Ion Ratio Lower Upper
62 100
64 33.0 24.6 37.0





#5
Bromomethane
Concen: 167.683 ug/l
RT: 2.942 min Scan# 1
Delta R.T. -0.029 min
Lab File: VN087624.D
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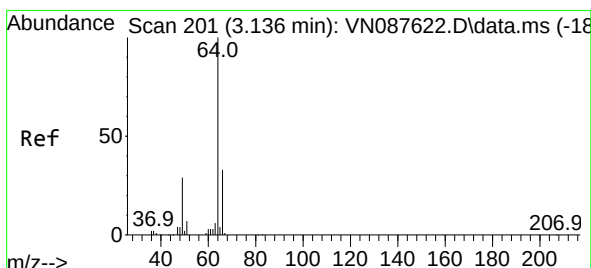
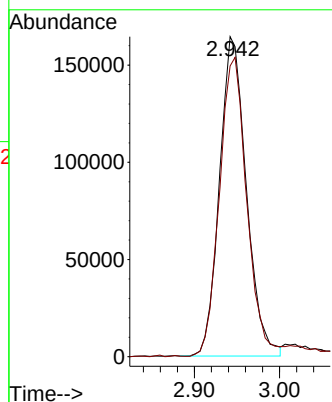
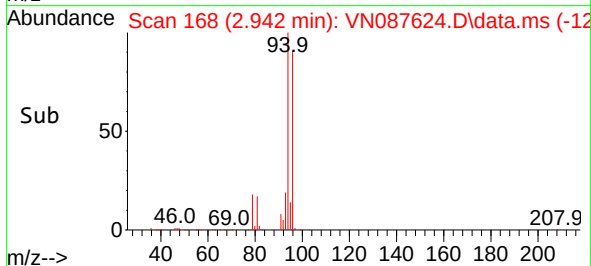
Instrument :
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Tgt Ion: 94 Resp: 360172
Ion Ratio Lower Upper
94 100
96 90.8 75.4 113.2

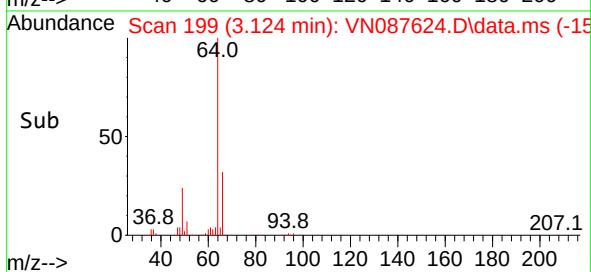
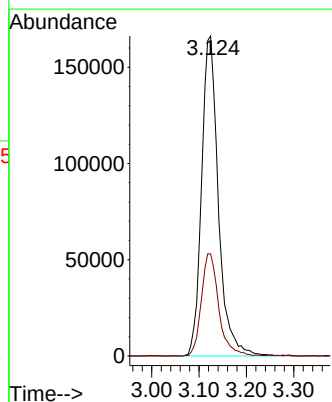
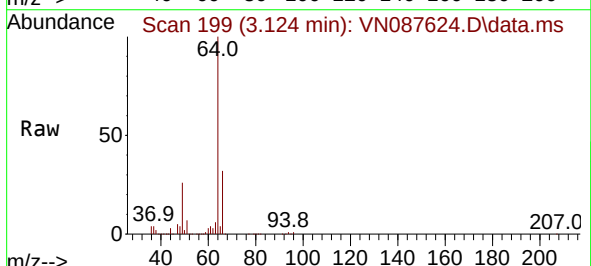
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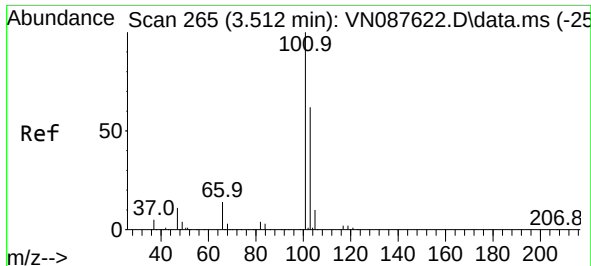
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



#6
Chloroethane
Concen: 139.711 ug/l
RT: 3.124 min Scan# 199
Delta R.T. -0.012 min
Lab File: VN087624.D
Acq: 21 Aug 2025 14:44

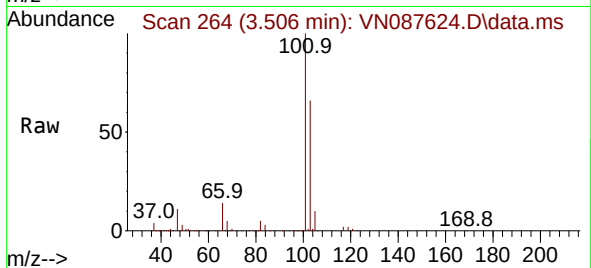
Tgt Ion: 64 Resp: 408766
Ion Ratio Lower Upper
64 100
66 31.9 26.2 39.2





#7
 Trichlorofluoromethane
 Concen: 149.205 ug/l
 RT: 3.506 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VN087624.D
 Acq: 21 Aug 2025 14:44

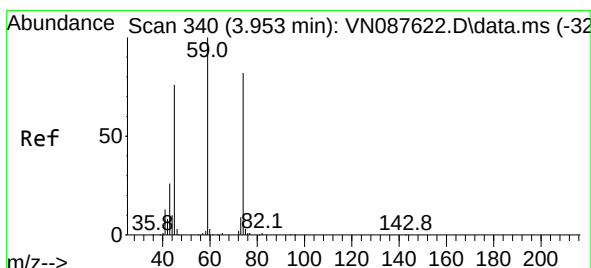
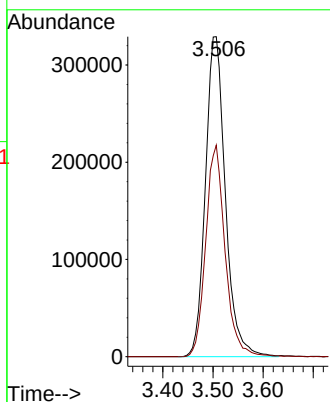
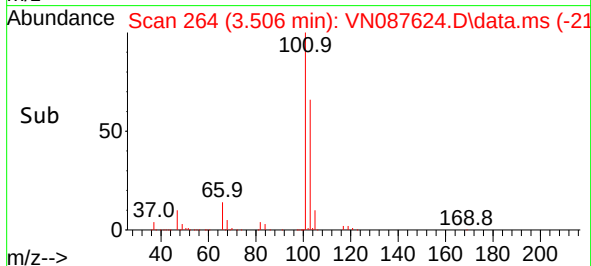
Instrument :
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Tgt Ion:101 Resp: 90999
 Ion Ratio Lower Upper
 101 100
 103 66.1 49.4 74.0

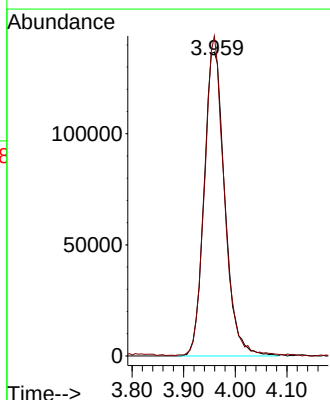
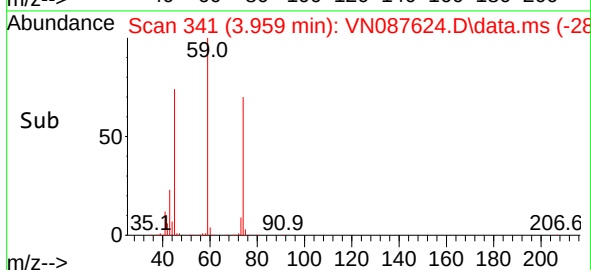
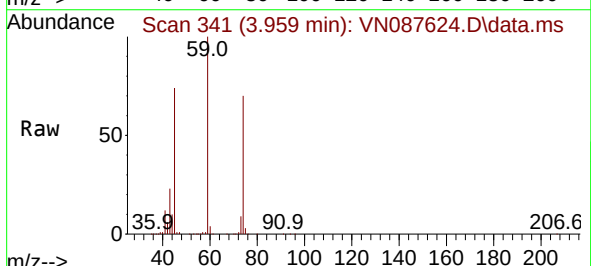
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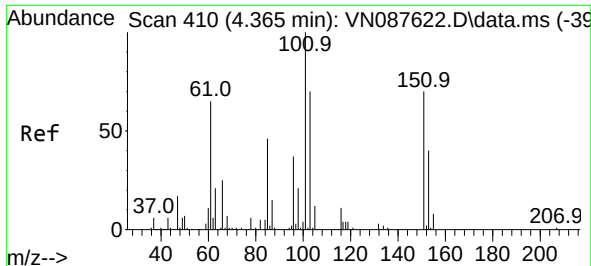
Reviewed By :John Carlone 08/22/2025
 Supervised By :Mahesh Dadoda 08/25/2025



#8
 Diethyl Ether
 Concen: 144.299 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.006 min
 Lab File: VN087624.D
 Acq: 21 Aug 2025 14:44

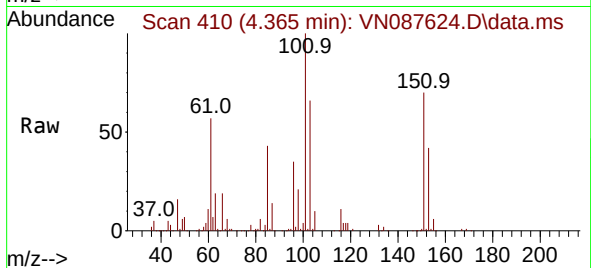
Tgt Ion: 74 Resp: 383278
 Ion Ratio Lower Upper
 74 100
 45 99.1 50.6 151.9





#9
1,1,2-Trichlorotrifluoroethane
Concen: 140.317 ug/l
RT: 4.365 min Scan# 410
Delta R.T. 0.000 min
Lab File: VN087624.D
Acq: 21 Aug 2025 14:44

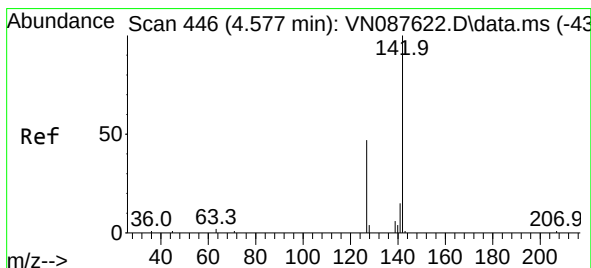
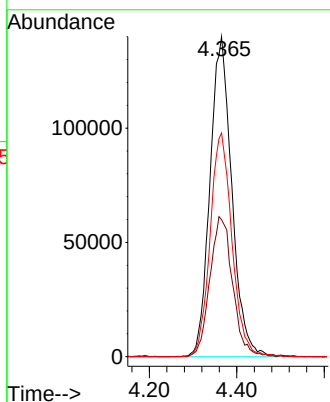
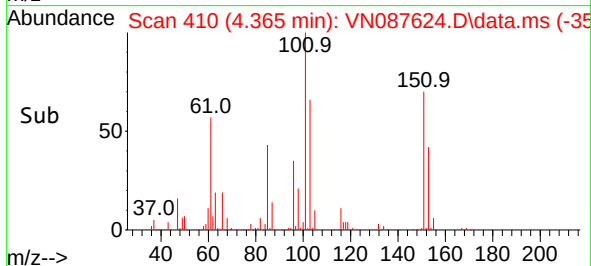
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion:101 Resp: 484239
Ion Ratio Lower Upper
101 100
85 45.4 36.6 55.0
151 70.2 54.7 82.1

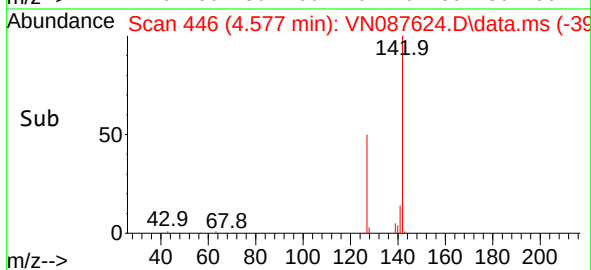
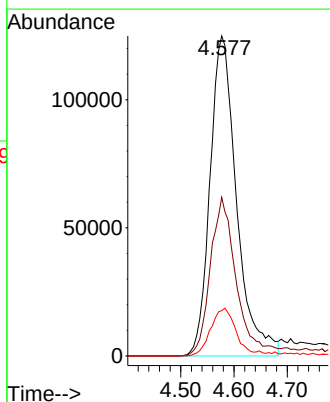
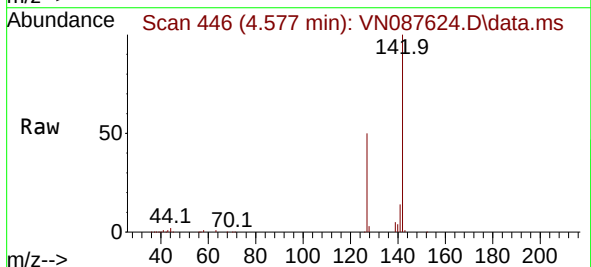
Manual Integrations
APPROVED

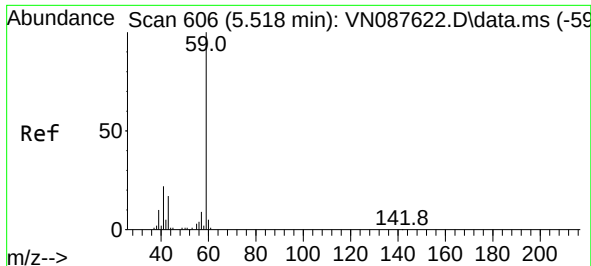
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



#10
Methyl Iodide
Concen: 151.685 ug/l
RT: 4.577 min Scan# 446
Delta R.T. -0.000 min
Lab File: VN087624.D
Acq: 21 Aug 2025 14:44

Tgt Ion:142 Resp: 432564
Ion Ratio Lower Upper
142 100
127 49.6 38.0 57.0
141 14.2 12.0 18.0





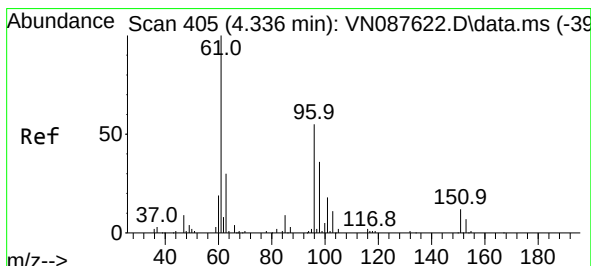
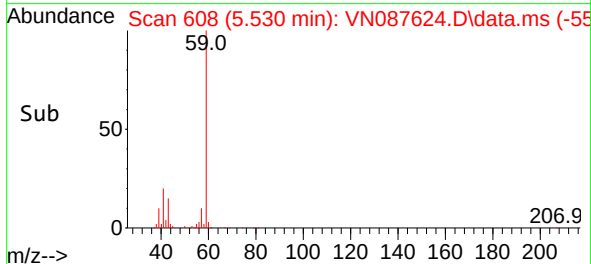
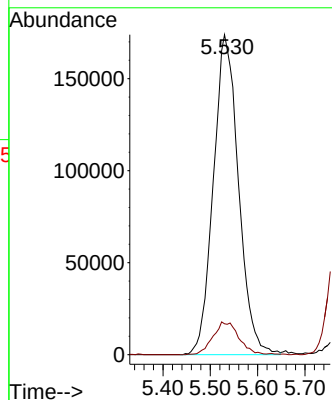
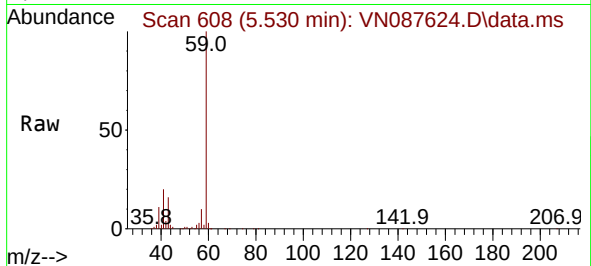
#11
Tert butyl alcohol
Concen: 733.123 ug/l
RT: 5.530 min Scan# 606
Delta R.T. 0.012 min
Lab File: VN087624.D
Acq: 21 Aug 2025 14:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion: 59 Resp: 64143
Ion Ratio Lower Upper
59 100
57 10.5 9.0 13.4

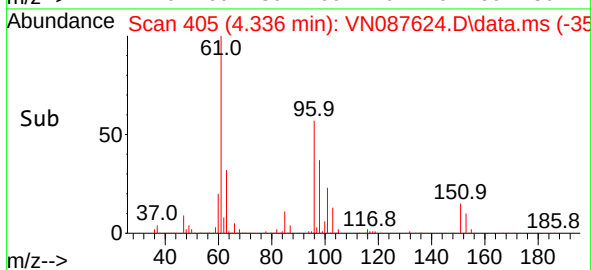
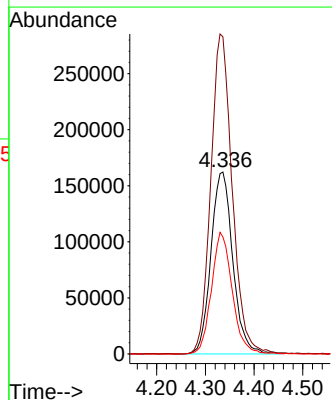
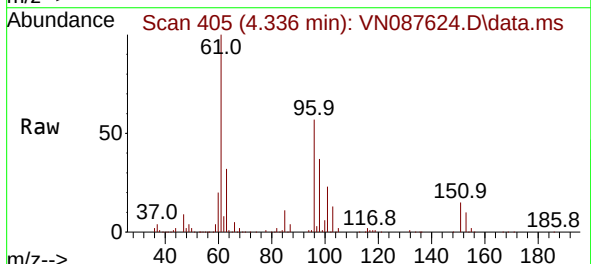
Manual Integrations
APPROVED

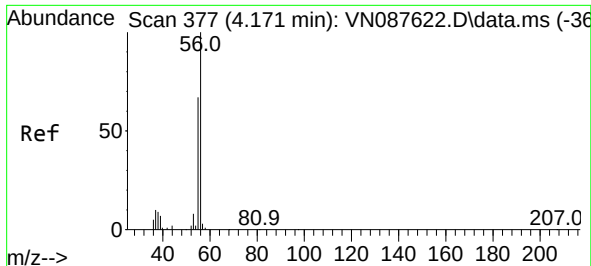
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



#12
1,1-Dichloroethene
Concen: 142.886 ug/l
RT: 4.336 min Scan# 405
Delta R.T. 0.000 min
Lab File: VN087624.D
Acq: 21 Aug 2025 14:44

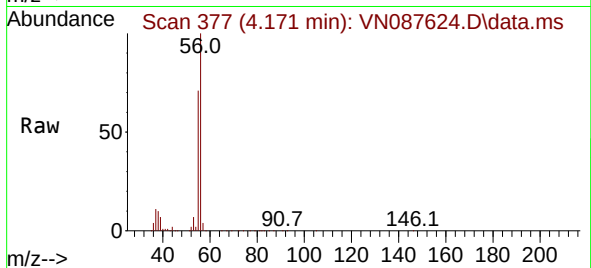
Tgt Ion: 96 Resp: 506728
Ion Ratio Lower Upper
96 100
61 174.3 143.8 215.8
98 64.3 52.1 78.1





#13
Acrolein
Concen: 800.600 ug/l
RT: 4.171 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN087624.D
Acq: 21 Aug 2025 14:44

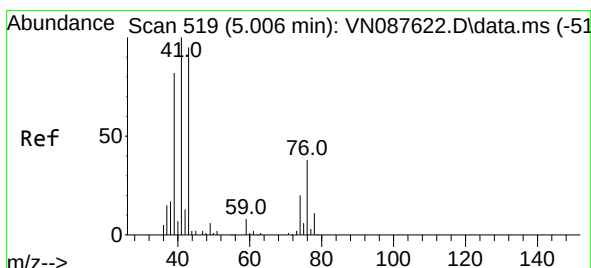
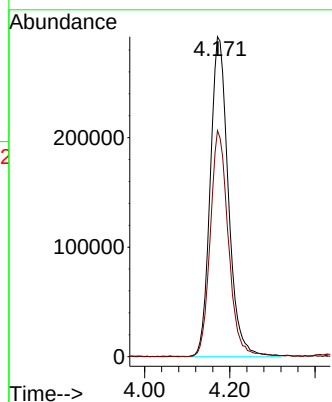
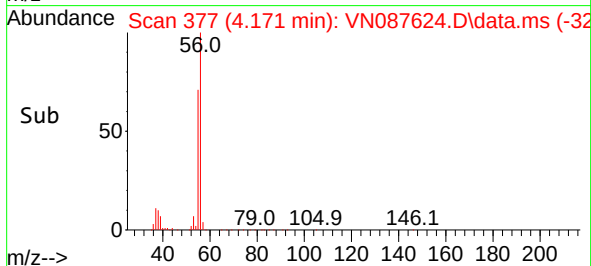
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



Tgt Ion: 56 Resp: 86113
Ion Ratio Lower Upper
56 100
55 70.7 57.3 85.9

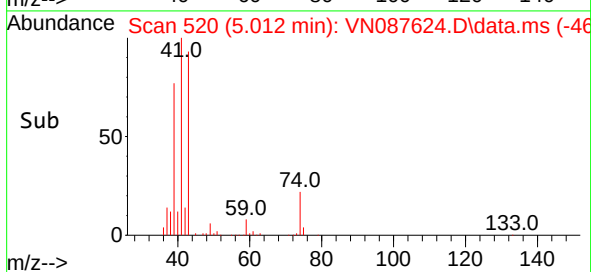
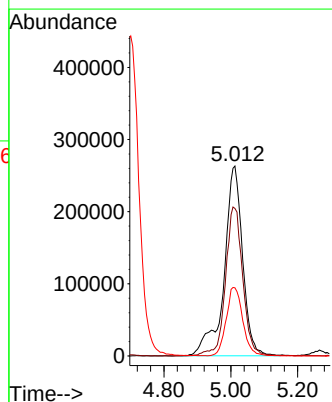
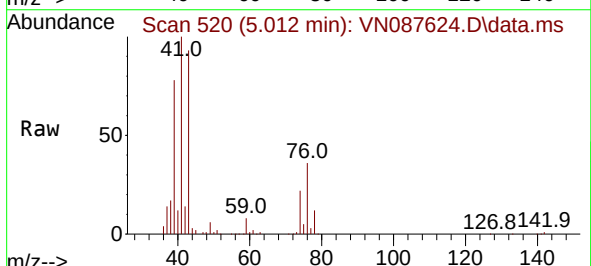
Manual Integrations
APPROVED

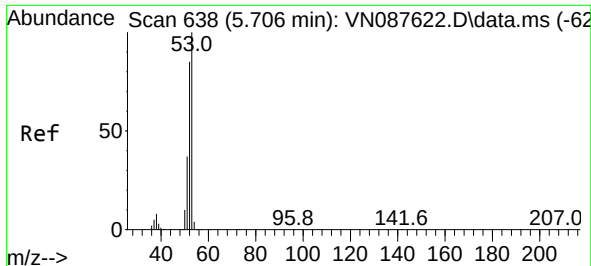
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



#14
Allyl chloride
Concen: 157.956 ug/l
RT: 5.012 min Scan# 520
Delta R.T. 0.006 min
Lab File: VN087624.D
Acq: 21 Aug 2025 14:44

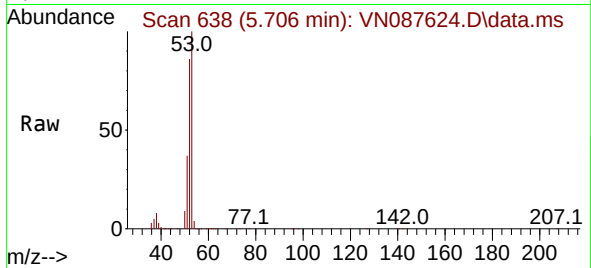
Tgt Ion: 41 Resp: 1015124
Ion Ratio Lower Upper
41 100
39 72.6 63.9 95.9
76 32.1 28.1 42.1





#15
Acrylonitrile
Concen: 737.113 ug/l
RT: 5.706 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN087624.D
Acq: 21 Aug 2025 14:44

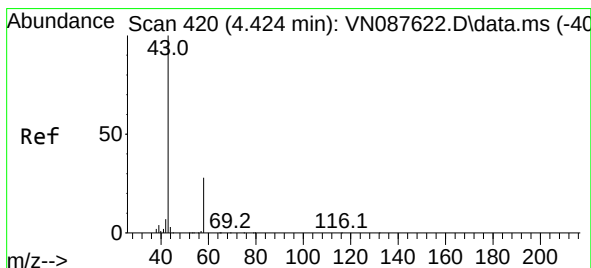
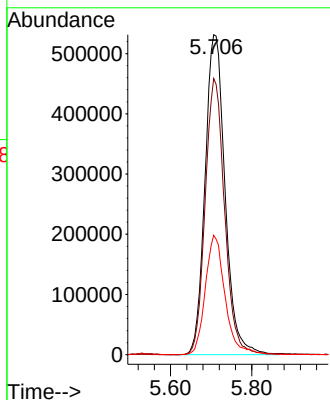
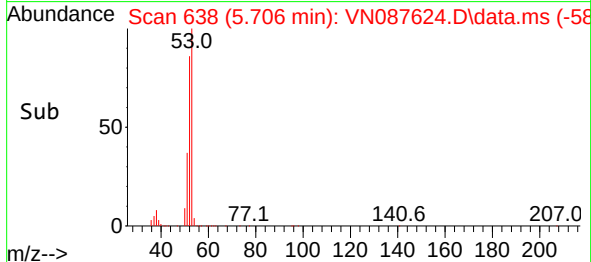
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



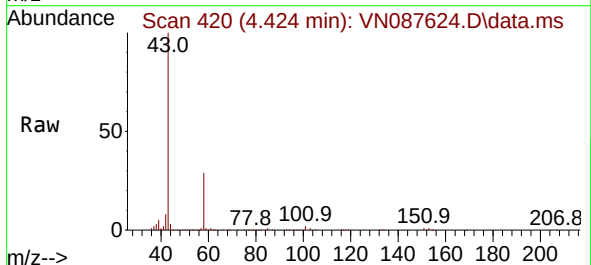
Tgt Ion: 53 Resp: 181884
Ion Ratio Lower Upper
53 100
52 83.5 67.6 101.4
51 36.8 30.1 45.1

Manual Integrations
APPROVED

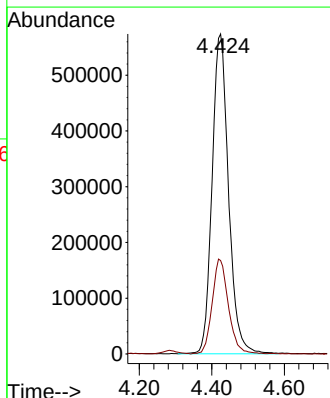
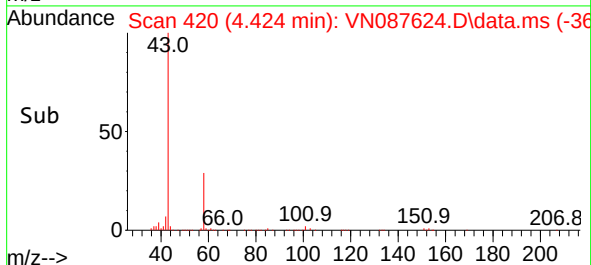
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025

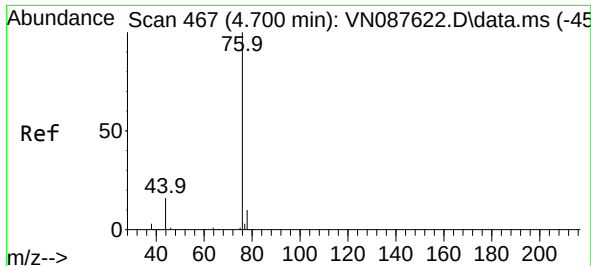


#16
Acetone
Concen: 657.978 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN087624.D
Acq: 21 Aug 2025 14:44



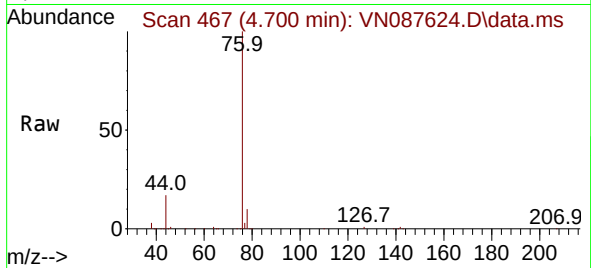
Tgt Ion: 43 Resp: 1805178
Ion Ratio Lower Upper
43 100
58 29.1 22.6 33.8





#17
Carbon Disulfide
Concen: 149.550 ug/l
RT: 4.700 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN087624.D
Acq: 21 Aug 2025 14:44

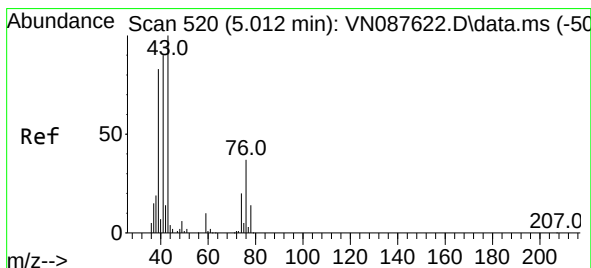
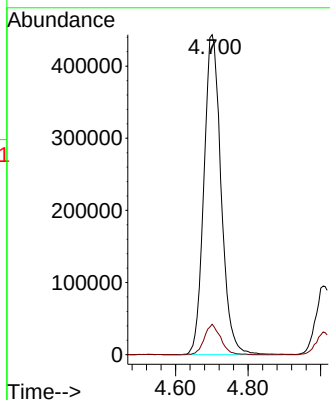
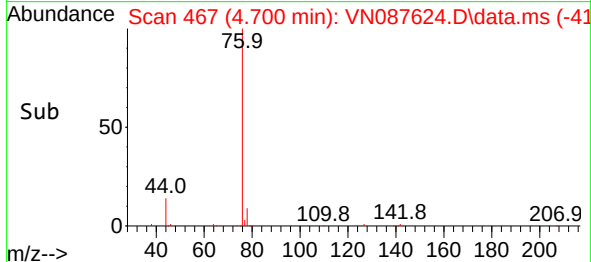
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion: 76 Resp: 146008
Ion Ratio Lower Upper
76 100
78 9.5 7.6 11.4

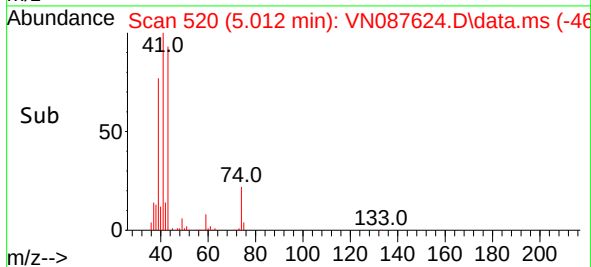
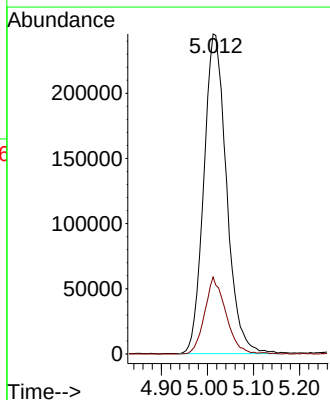
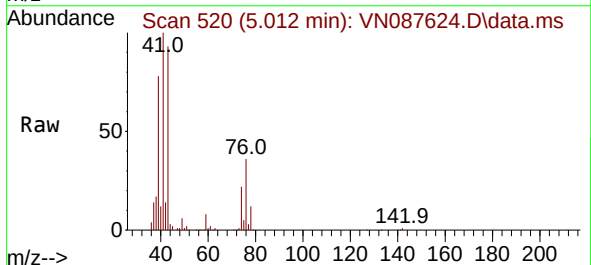
Manual Integrations
APPROVED

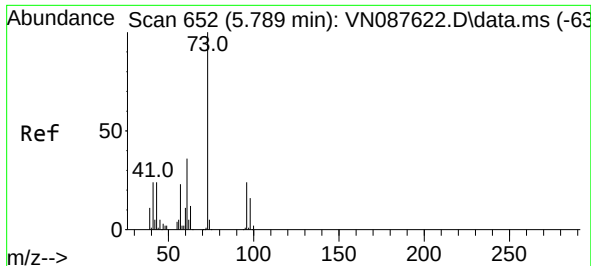
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



#18
Methyl Acetate
Concen: 146.610 ug/l
RT: 5.012 min Scan# 520
Delta R.T. 0.000 min
Lab File: VN087624.D
Acq: 21 Aug 2025 14:44

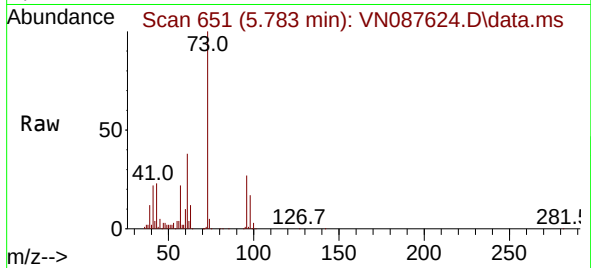
Tgt Ion: 43 Resp: 842183
Ion Ratio Lower Upper
43 100
74 22.3 17.6 26.4





#19
Methyl tert-butyl Ether
Concen: 152.117 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN087624.D
Acq: 21 Aug 2025 14:44

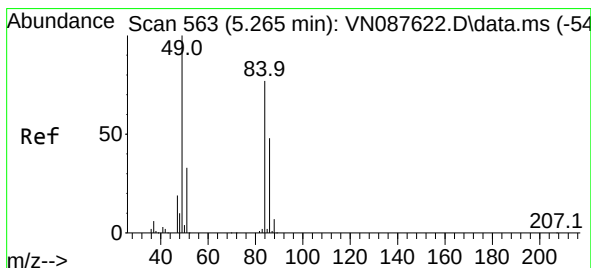
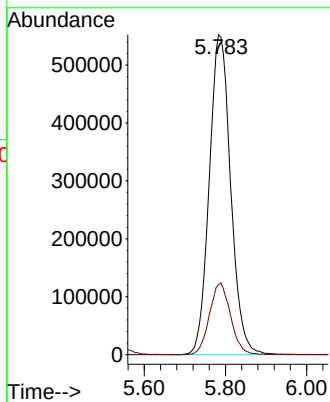
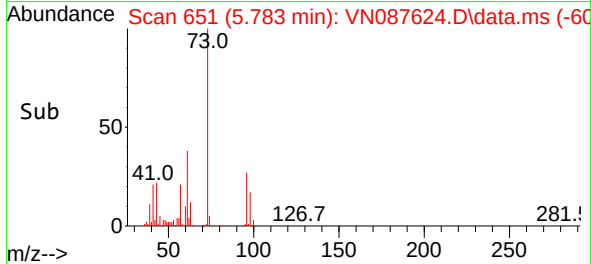
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



Tgt Ion: 73 Resp: 202375
Ion Ratio Lower Upper
73 100
57 21.8 18.4 27.6

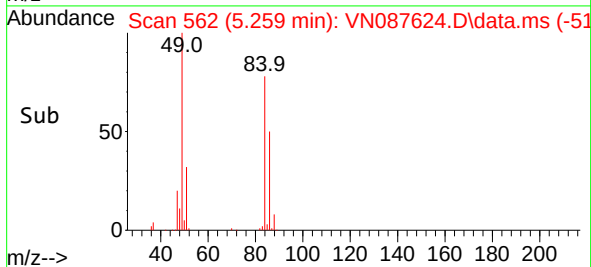
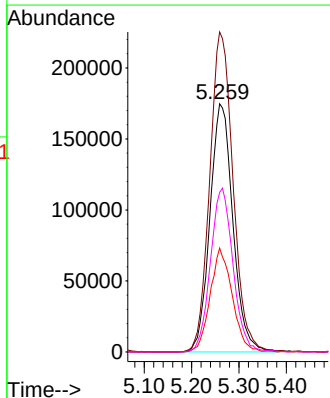
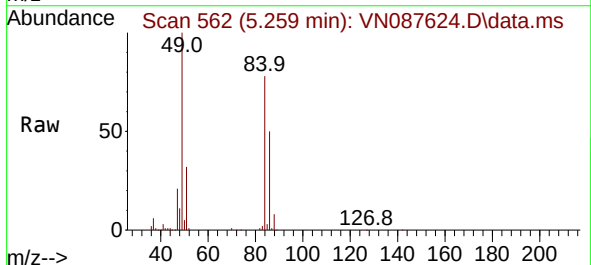
Manual Integrations
APPROVED

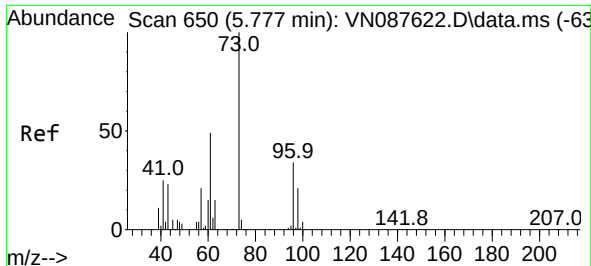
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



#20
Methylene Chloride
Concen: 151.029 ug/l
RT: 5.259 min Scan# 562
Delta R.T. -0.006 min
Lab File: VN087624.D
Acq: 21 Aug 2025 14:44

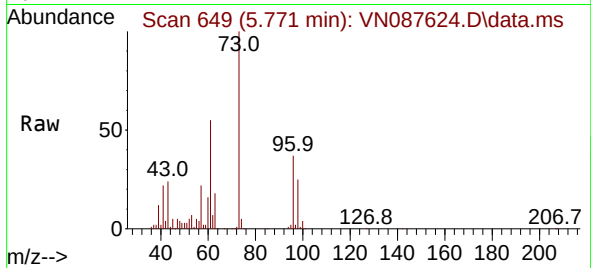
Tgt Ion: 84 Resp: 589373
Ion Ratio Lower Upper
84 100
49 128.9 103.4 155.2
51 41.8 33.8 50.8
86 64.3 49.6 74.4





#21
trans-1,2-Dichloroethene
Concen: 143.089 ug/l
RT: 5.771 min Scan# 649
Delta R.T. -0.006 min
Lab File: VN087624.D
Acq: 21 Aug 2025 14:44

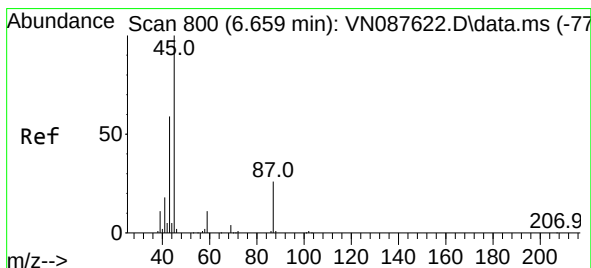
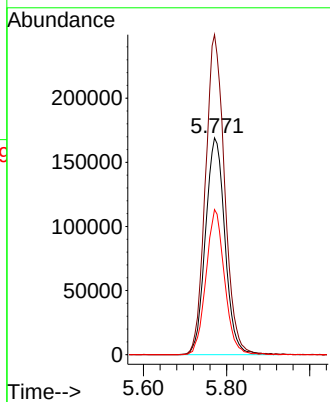
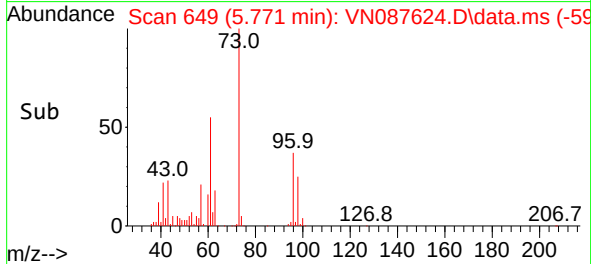
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion: 96 Resp: 549970
Ion Ratio Lower Upper
96 100
61 147.6 118.0 177.0
98 66.9 50.0 75.0

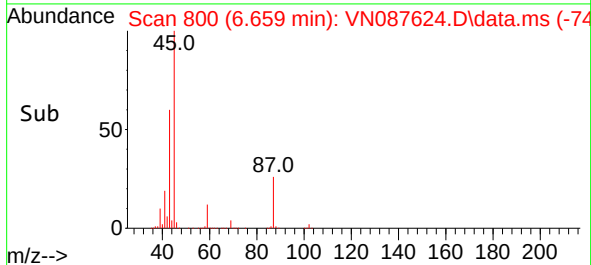
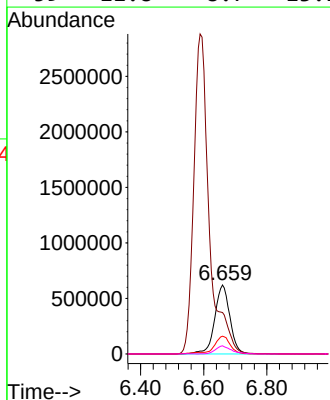
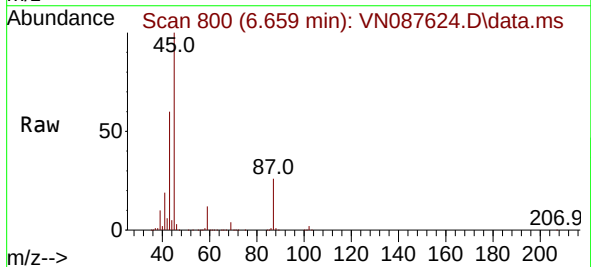
Manual Integrations
APPROVED

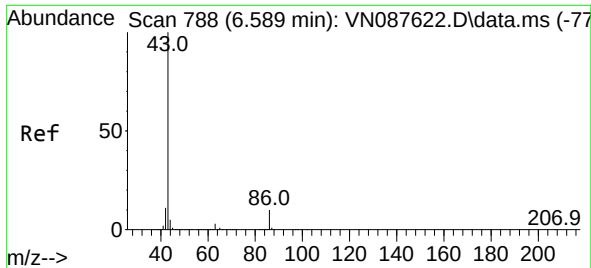
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



#22
Diisopropyl ether
Concen: 149.361 ug/l
RT: 6.659 min Scan# 800
Delta R.T. 0.000 min
Lab File: VN087624.D
Acq: 21 Aug 2025 14:44

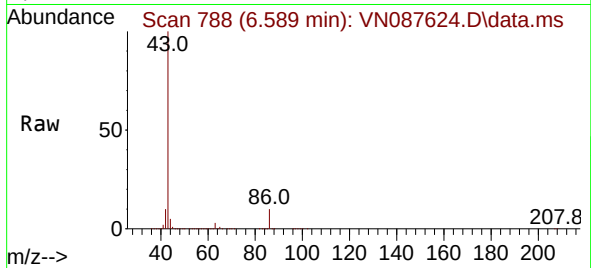
Tgt Ion: 45 Resp: 2071435
Ion Ratio Lower Upper
45 100
43 59.8 47.7 71.5
87 25.7 21.4 32.0
59 11.8 8.7 13.1





#23
 Vinyl Acetate
 Concen: 768.719 ug/l
 RT: 6.589 min Scan# 788
 Delta R.T. 0.000 min
 Lab File: VN087624.D
 Acq: 21 Aug 2025 14:44

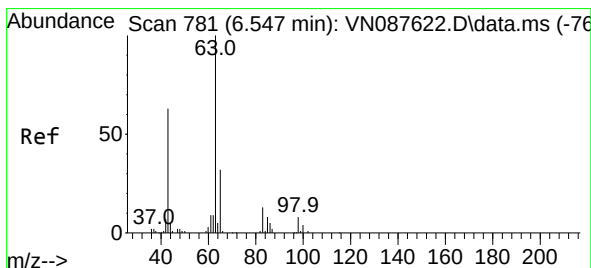
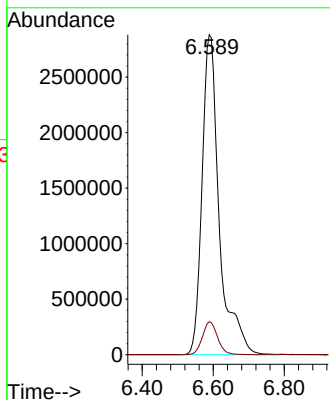
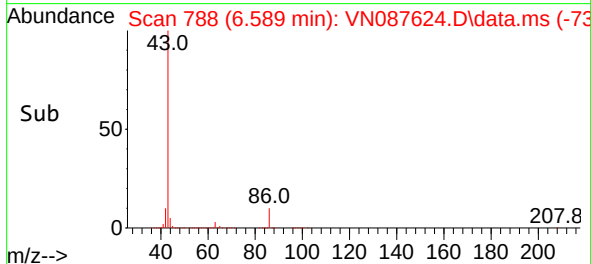
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150



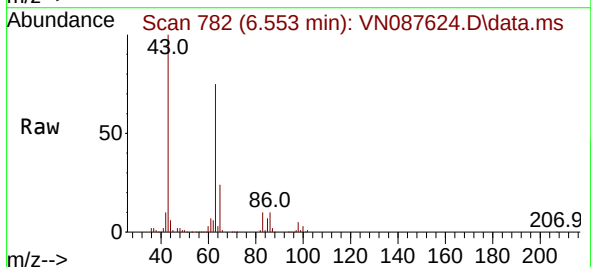
Tgt Ion: 43 Resp: 9699320
 Ion Ratio Lower Upper
 43 100
 86 10.3 8.2 12.4

Manual Integrations
 APPROVED

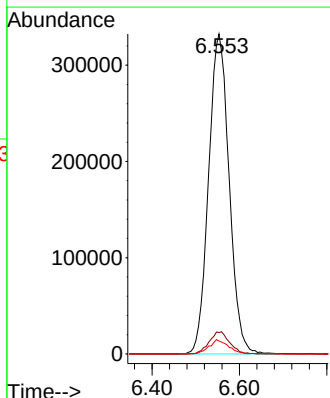
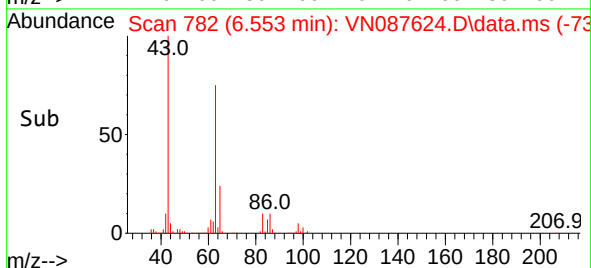
Reviewed By :John Carlone 08/22/2025
 Supervised By :Mahesh Dadoda 08/25/2025

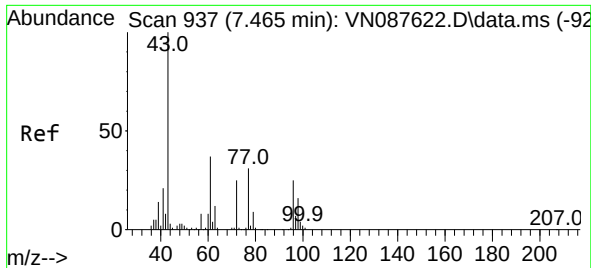


#24
 1,1-Dichloroethane
 Concen: 142.721 ug/l
 RT: 6.553 min Scan# 782
 Delta R.T. 0.006 min
 Lab File: VN087624.D
 Acq: 21 Aug 2025 14:44



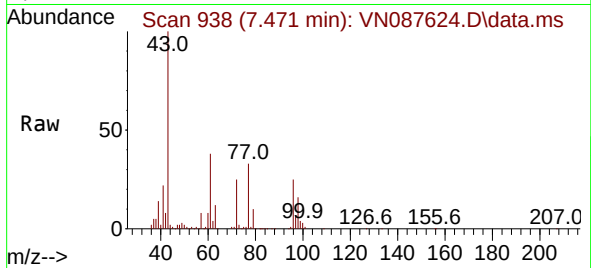
Tgt Ion: 63 Resp: 1085255
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.8 11.4
 100 4.1 2.0 6.0





#25
2-Butanone
Concen: 723.217 ug/l
RT: 7.471 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN087624.D
Acq: 21 Aug 2025 14:44

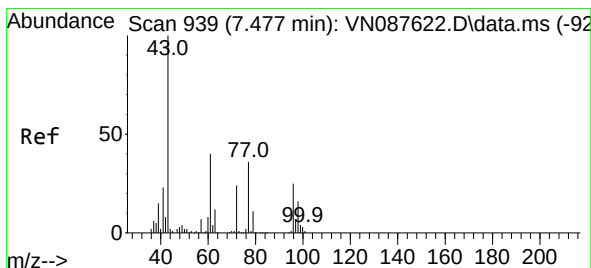
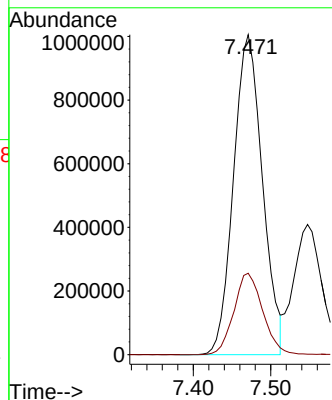
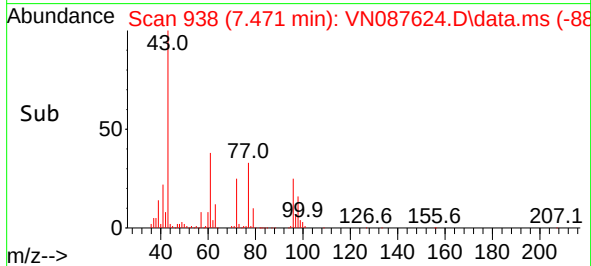
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



Tgt Ion: 43 Resp: 2610414
Ion Ratio Lower Upper
43 100
72 25.5 19.9 29.9

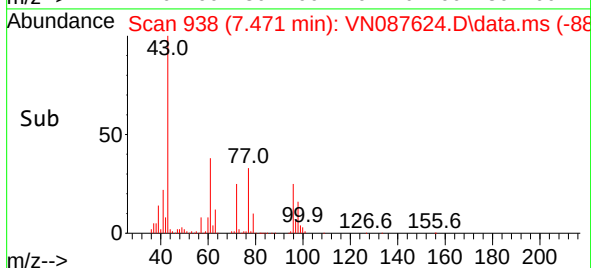
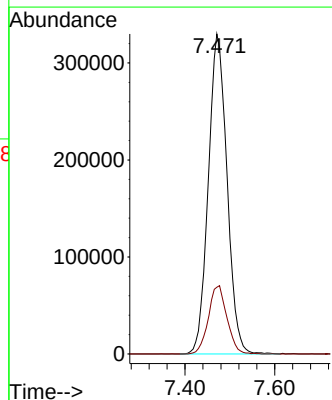
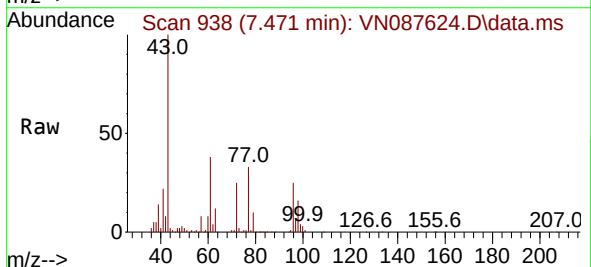
Manual Integrations
APPROVED

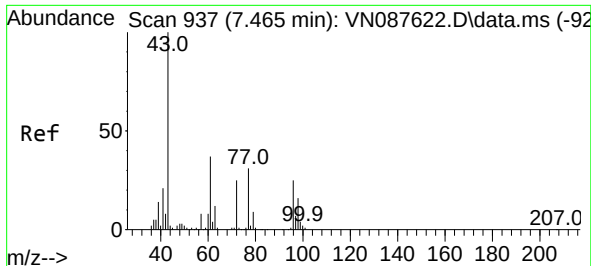
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



#26
2,2-Dichloropropane
Concen: 146.562 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.006 min
Lab File: VN087624.D
Acq: 21 Aug 2025 14:44

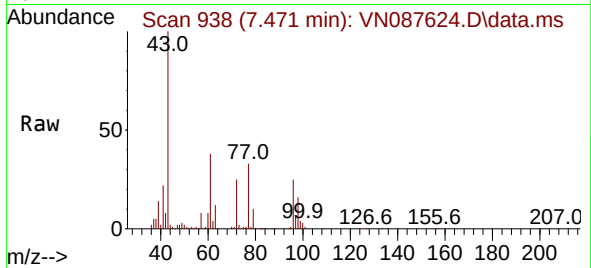
Tgt Ion: 77 Resp: 956513
Ion Ratio Lower Upper
77 100
97 21.1 10.9 32.7





#27
 cis-1,2-Dichloroethene
 Concen: 145.324 ug/l
 RT: 7.471 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VN087624.D
 Acq: 21 Aug 2025 14:44

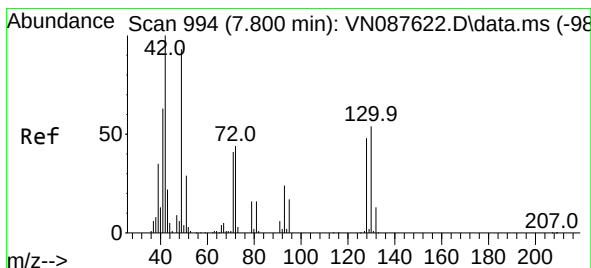
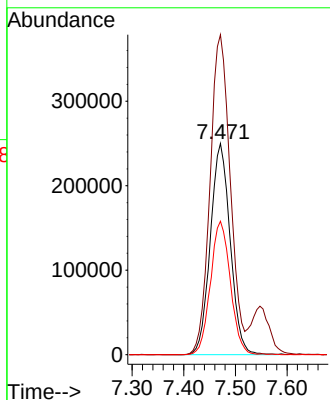
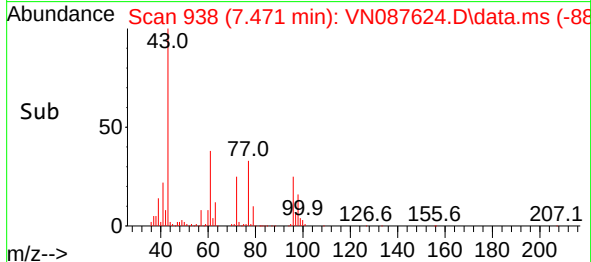
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150



Tgt Ion: 96 Resp: 667748
 Ion Ratio Lower Upper
 96 100
 61 153.8 0.0 301.8
 98 63.3 0.0 126.2

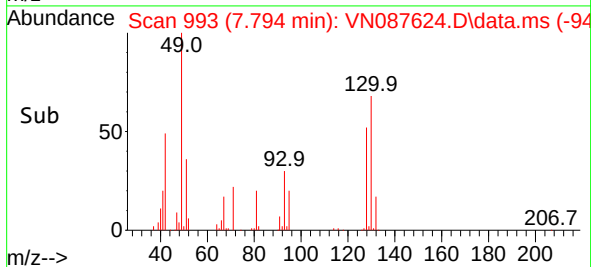
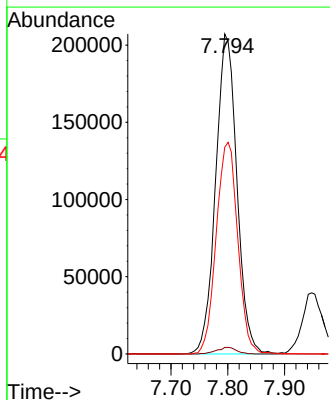
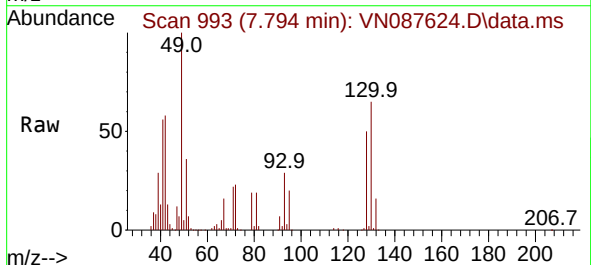
Manual Integrations
 APPROVED

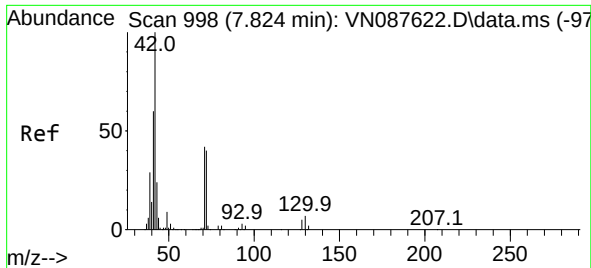
Reviewed By :John Carlone 08/22/2025
 Supervised By :Mahesh Dadoda 08/25/2025



#28
 Bromochloromethane
 Concen: 146.779 ug/l
 RT: 7.794 min Scan# 993
 Delta R.T. -0.006 min
 Lab File: VN087624.D
 Acq: 21 Aug 2025 14:44

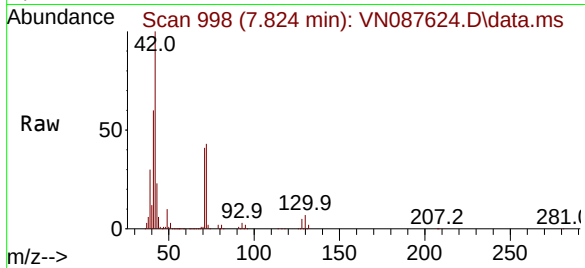
Tgt Ion: 49 Resp: 539576
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 3.0
 130 67.0 53.1 79.7





#29
Tetrahydrofuran
Concen: 742.994 ug/l
RT: 7.824 min Scan# 998
Delta R.T. 0.000 min
Lab File: VN087624.D
Acq: 21 Aug 2025 14:44

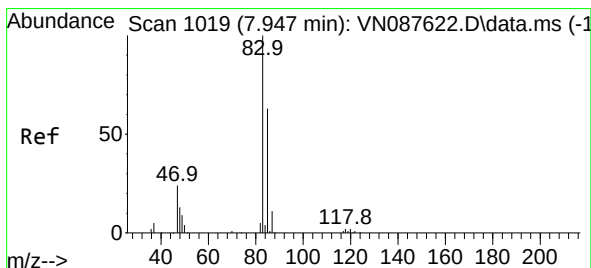
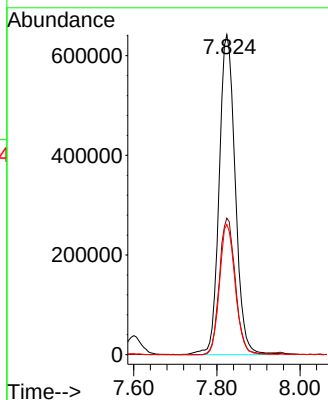
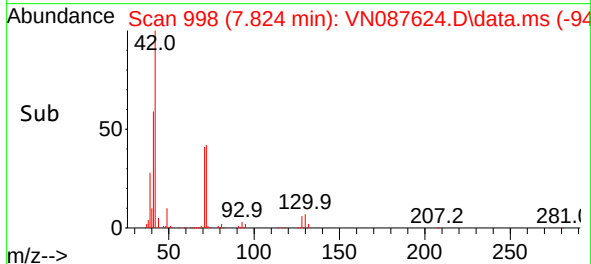
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



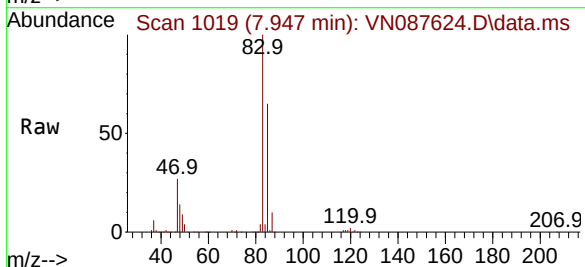
Tgt Ion: 42 Resp: 1725889
Ion Ratio Lower Upper
42 100
72 42.2 33.7 50.5
71 39.7 31.9 47.9

Manual Integrations
APPROVED

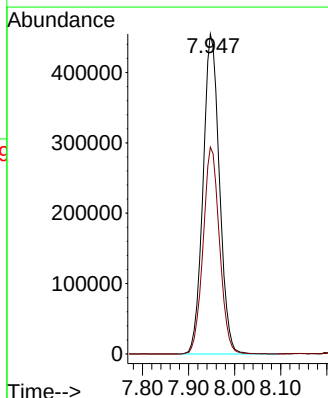
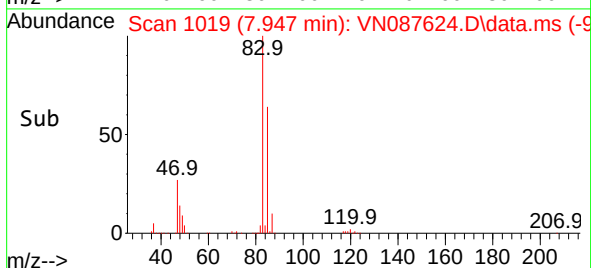
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025

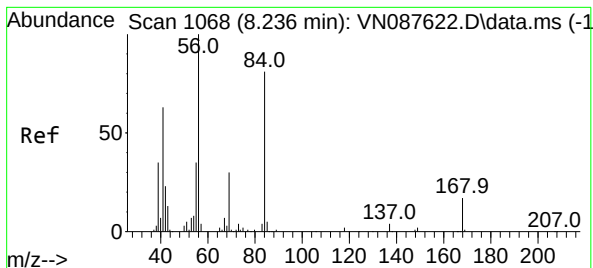


#30
Chloroform
Concen: 145.239 ug/l
RT: 7.947 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VN087624.D
Acq: 21 Aug 2025 14:44



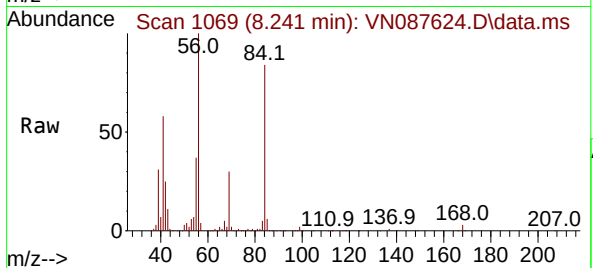
Tgt Ion: 83 Resp: 1127250
Ion Ratio Lower Upper
83 100
85 64.7 50.7 76.1





#31
Cyclohexane
Concen: 140.551 ug/l
RT: 8.241 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VN087624.D
Acq: 21 Aug 2025 14:44

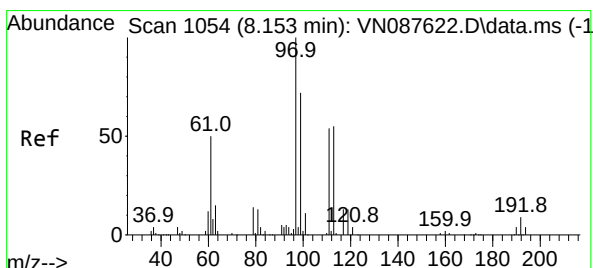
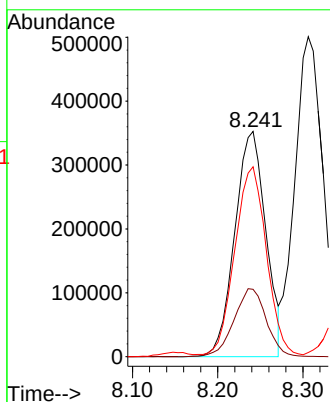
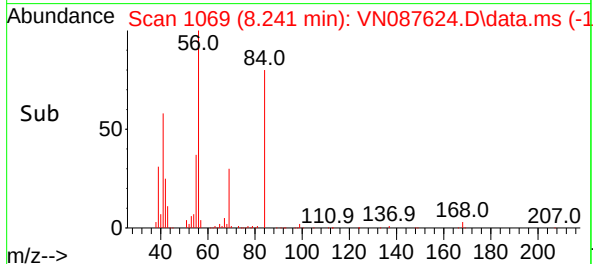
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



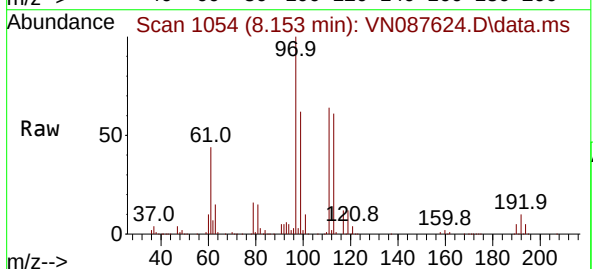
Tgt Ion: 56 Resp: 890974
Ion Ratio Lower Upper
56 100
69 29.9 23.7 35.5
84 82.6 64.7 97.1

Manual Integrations
APPROVED

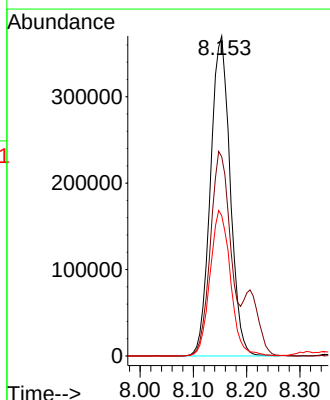
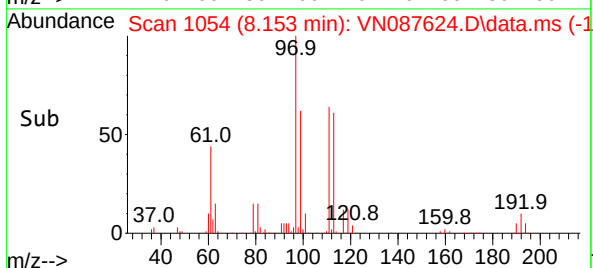
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025

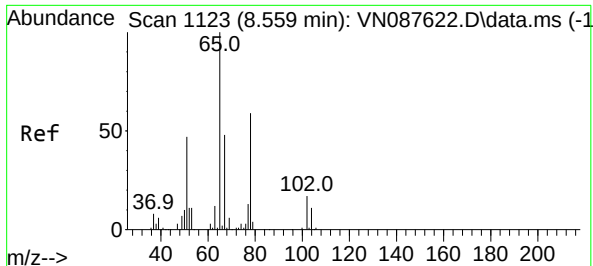


#32
1,1,1-Trichloroethane
Concen: 144.543 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VN087624.D
Acq: 21 Aug 2025 14:44



Tgt Ion: 97 Resp: 950731
Ion Ratio Lower Upper
97 100
99 66.1 52.2 78.2
61 47.3 41.2 61.8





#33

1,2-Dichloroethane-d4

Concen: 159.399 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. 0.000 min

Lab File: VN087624.D

Acq: 21 Aug 2025 14:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC150

Tgt Ion: 65 Resp: 80334

Ion Ratio Lower Upper

65 100

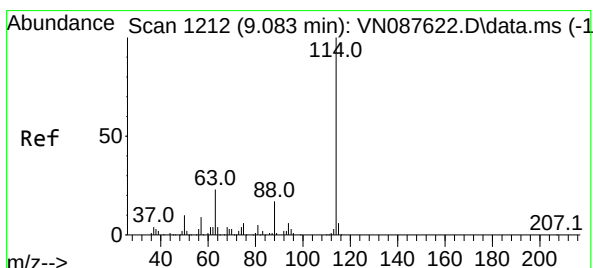
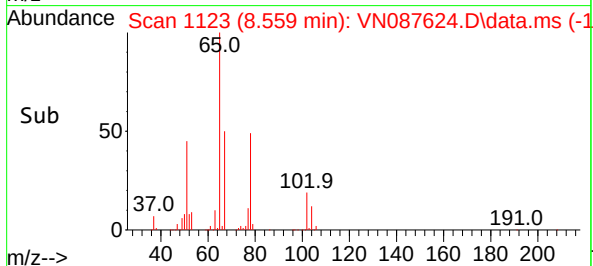
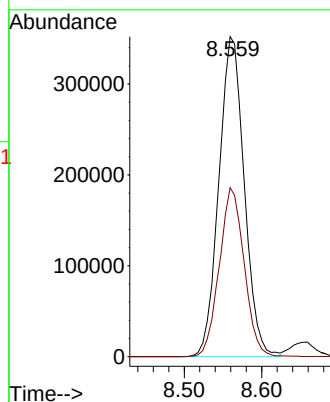
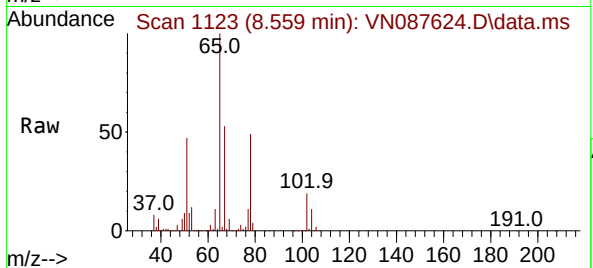
67 51.7 0.0 100.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/22/2025

Supervised By :Mahesh Dadoda 08/25/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.083 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VN087624.D

Acq: 21 Aug 2025 14:44

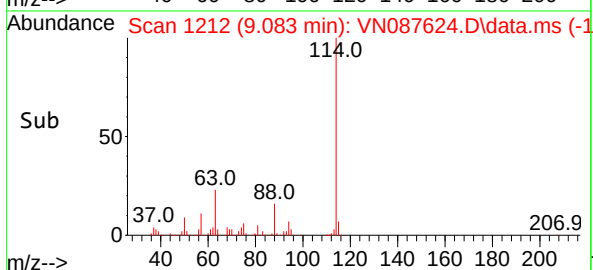
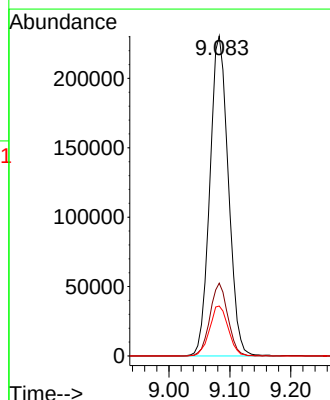
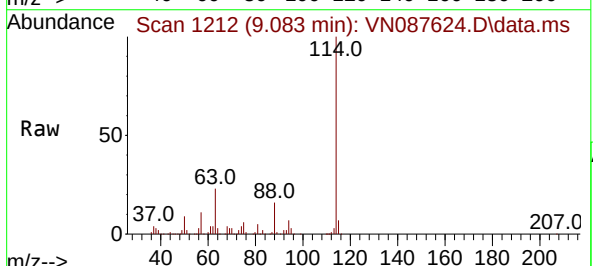
Tgt Ion:114 Resp: 485482

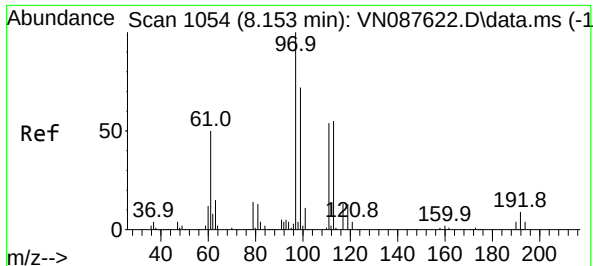
Ion Ratio Lower Upper

114 100

63 22.7 0.0 45.2

88 15.6 0.0 33.4





#35

Dibromofluoromethane

Concen: 160.440 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. -0.006 min

Lab File: VN087624.D

Acq: 21 Aug 2025 14:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tgt Ion: 113 Resp: 562370

Ion Ratio Lower Upper

113 100

111 103.9 82.8 124.2

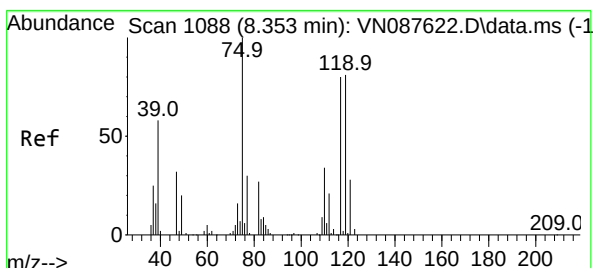
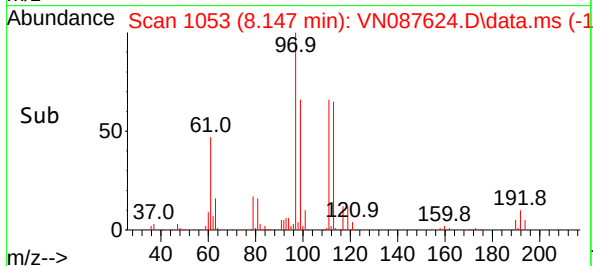
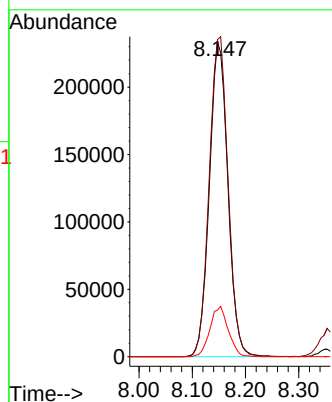
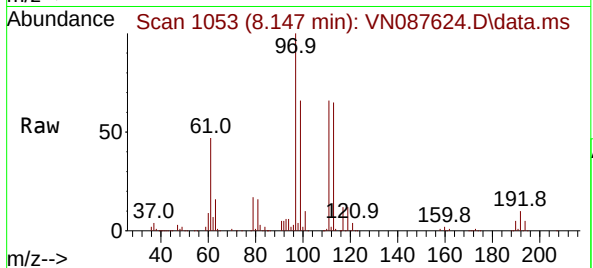
192 15.9 12.8 19.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/22/2025

Supervised By :Mahesh Dadoda 08/25/2025



#36

1,1-Dichloropropene

Concen: 139.242 ug/l

RT: 8.353 min Scan# 1088

Delta R.T. 0.000 min

Lab File: VN087624.D

Acq: 21 Aug 2025 14:44

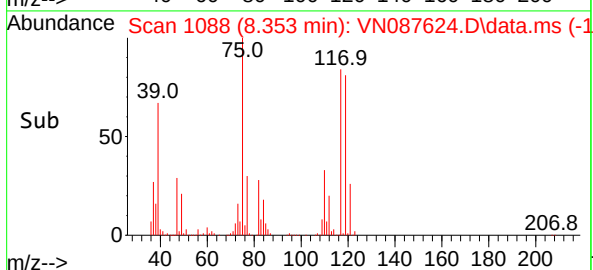
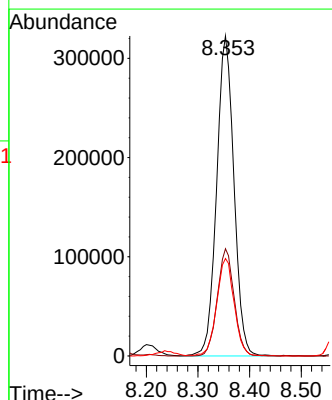
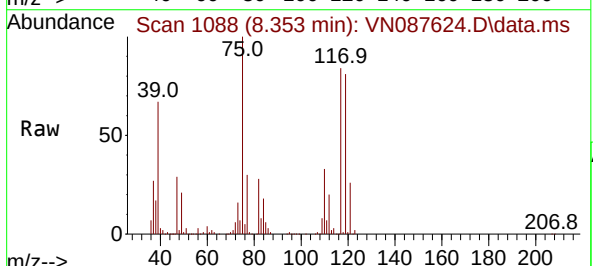
Tgt Ion: 75 Resp: 748756

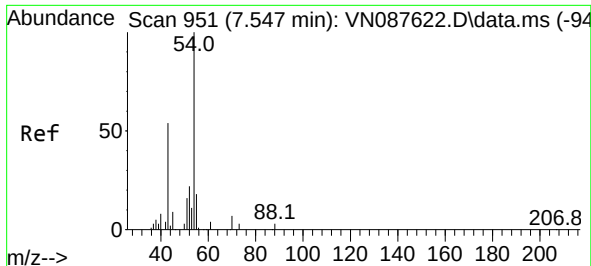
Ion Ratio Lower Upper

75 100

110 32.7 15.9 47.6

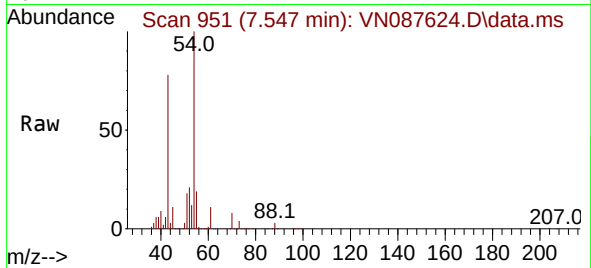
77 30.9 24.4 36.6





#37
Ethyl Acetate
Concen: 144.861 ug/l
RT: 7.547 min Scan# 951
Delta R.T. 0.000 min
Lab File: VN087624.D
Acq: 21 Aug 2025 14:44

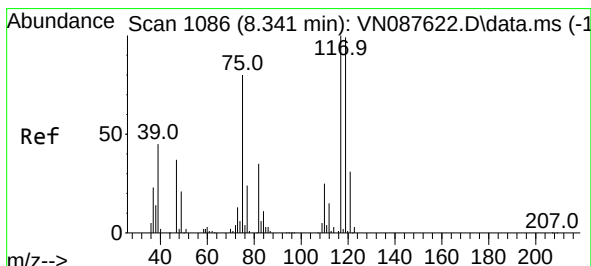
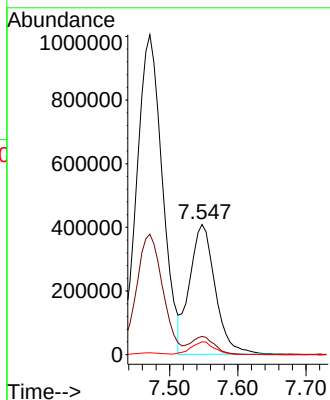
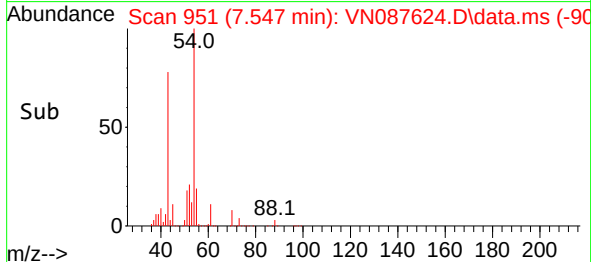
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



Tgt Ion: 43 Resp: 106444
Ion Ratio Lower Upper
43 100
61 12.3 9.3 13.9
70 9.2 7.0 10.6

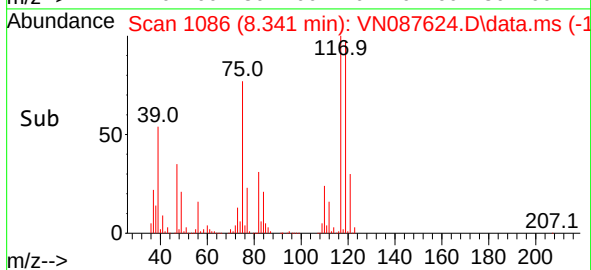
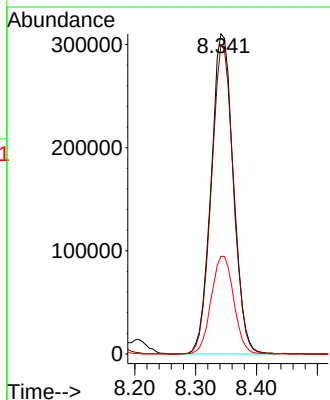
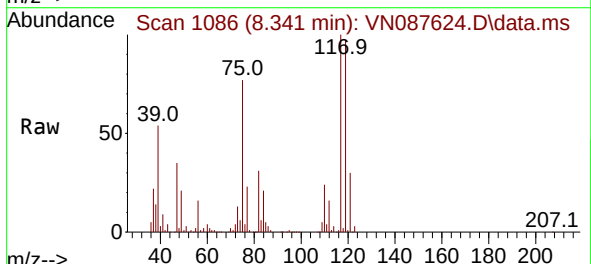
Manual Integrations
APPROVED

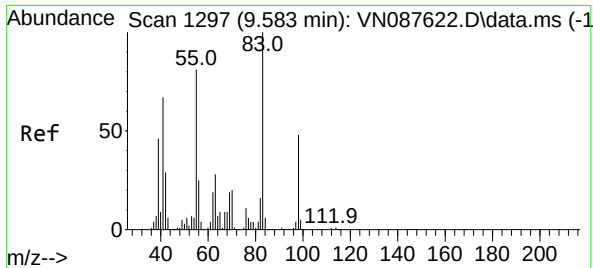
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



#38
Carbon Tetrachloride
Concen: 148.656 ug/l
RT: 8.341 min Scan# 1086
Delta R.T. 0.000 min
Lab File: VN087624.D
Acq: 21 Aug 2025 14:44

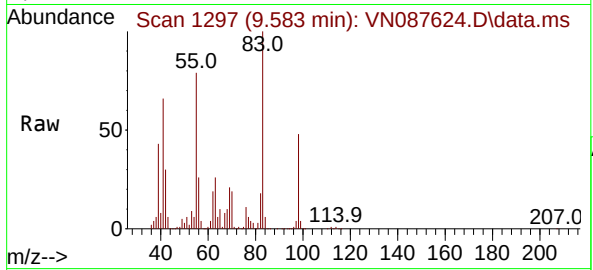
Tgt Ion:117 Resp: 789246
Ion Ratio Lower Upper
117 100
119 96.5 79.0 118.6
121 30.5 25.0 37.6





#39
Methylcyclohexane
Concen: 146.589 ug/l
RT: 9.583 min Scan# 1297
Delta R.T. 0.000 min
Lab File: VN087624.D
Acq: 21 Aug 2025 14:44

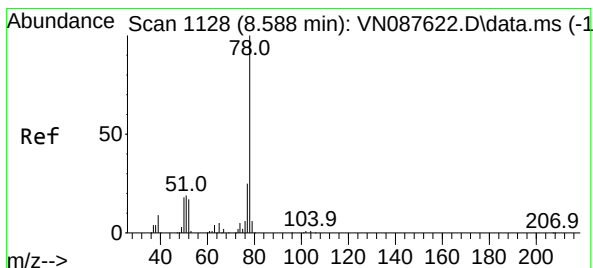
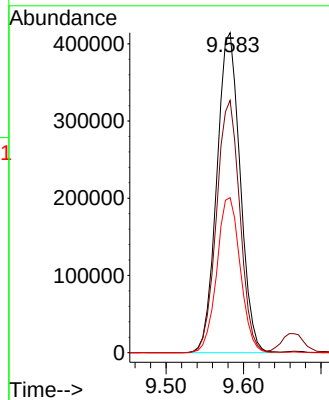
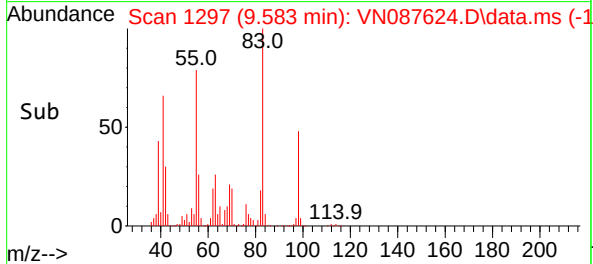
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



Tgt Ion: 83 Resp: 86783
Ion Ratio Lower Upper
83 100
55 78.9 64.6 96.8
98 48.4 38.4 57.6

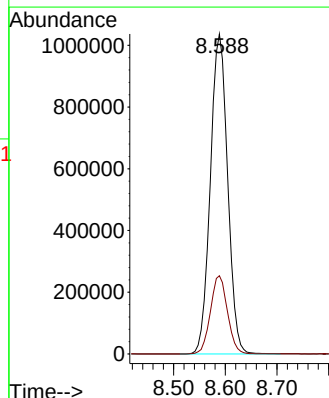
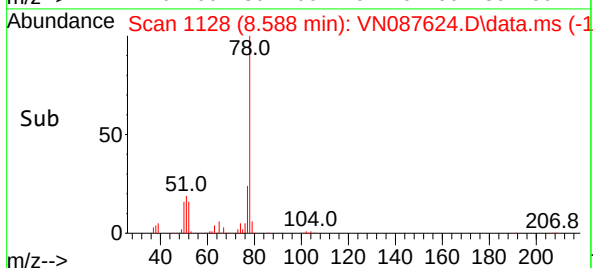
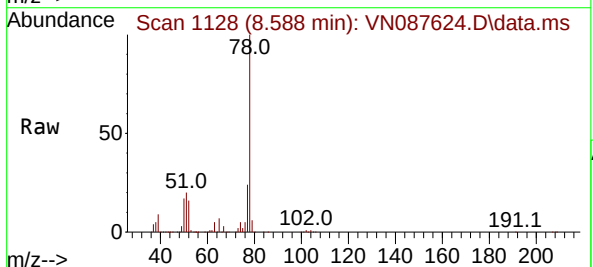
Manual Integrations
APPROVED

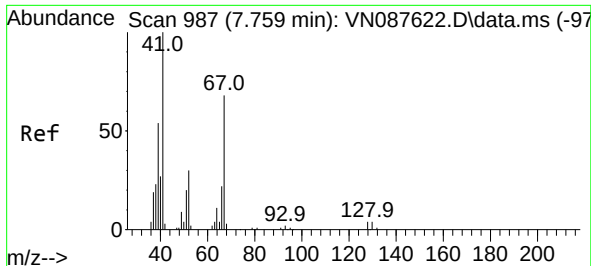
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



#40
Benzene
Concen: 145.868 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VN087624.D
Acq: 21 Aug 2025 14:44

Tgt Ion: 78 Resp: 2405823
Ion Ratio Lower Upper
78 100
77 24.5 19.7 29.5





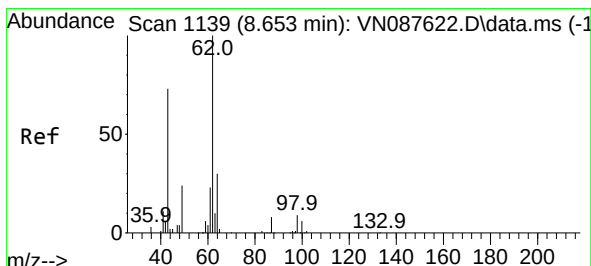
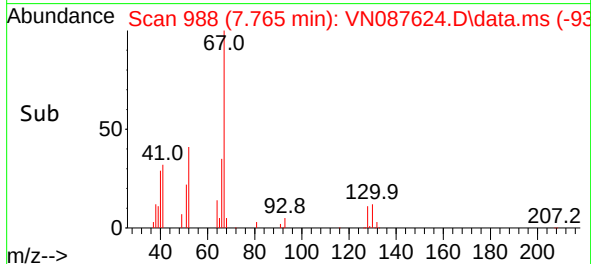
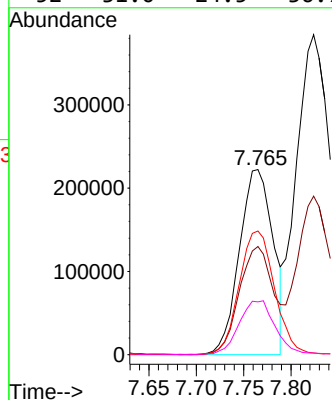
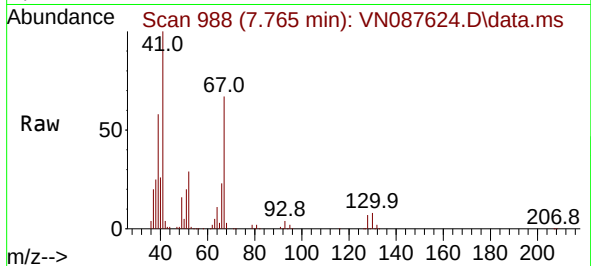
#41
Methacrylonitrile
Concen: 145.108 ug/l
RT: 7.765 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN087624.D
Acq: 21 Aug 2025 14:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion: 41 Resp: 552329
Ion Ratio Lower Upper
41 100
39 61.9 45.4 68.0
67 70.2 55.3 82.9
52 31.0 24.5 36.7

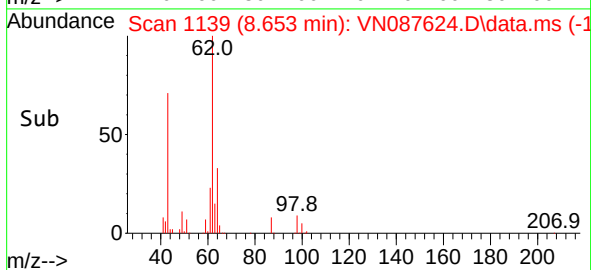
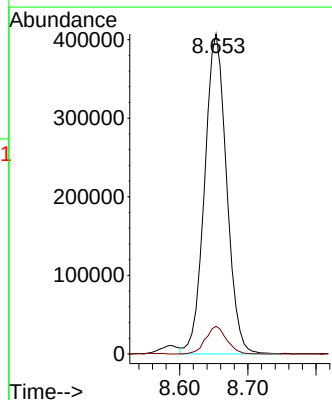
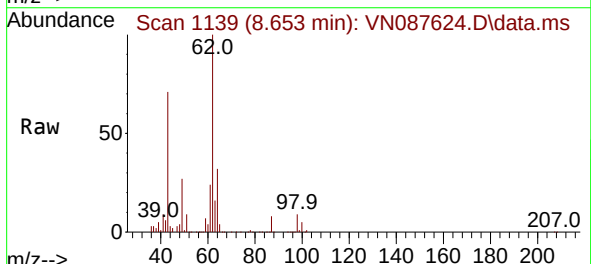
Manual Integrations
APPROVED

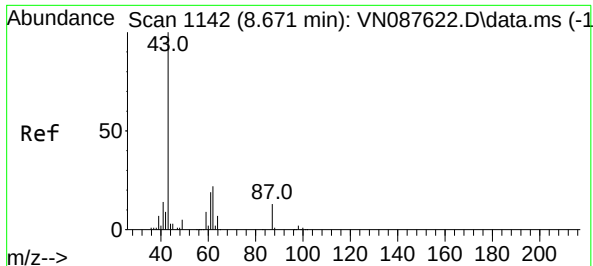
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



#42
1,2-Dichloroethane
Concen: 143.914 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. 0.000 min
Lab File: VN087624.D
Acq: 21 Aug 2025 14:44

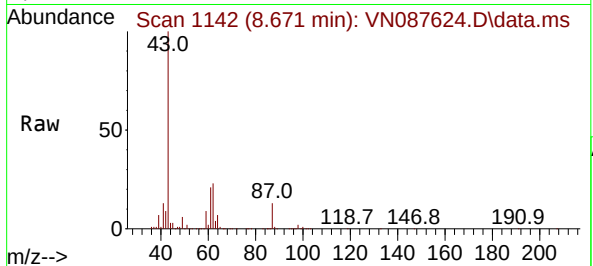
Tgt Ion: 62 Resp: 912127
Ion Ratio Lower Upper
62 100
98 8.3 0.0 17.4





#43
Isopropyl Acetate
Concen: 149.531 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN087624.D
Acq: 21 Aug 2025 14:44

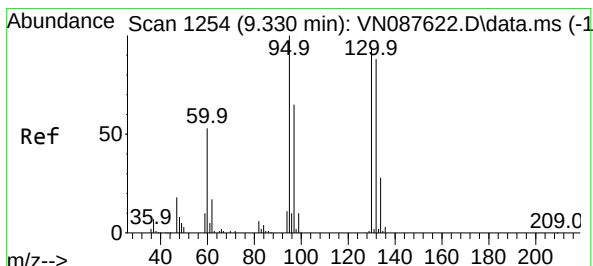
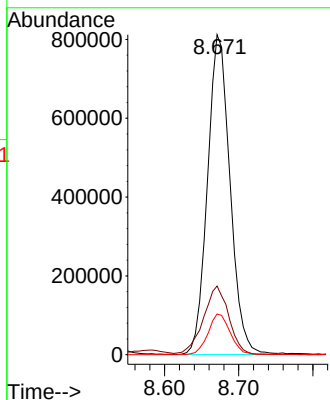
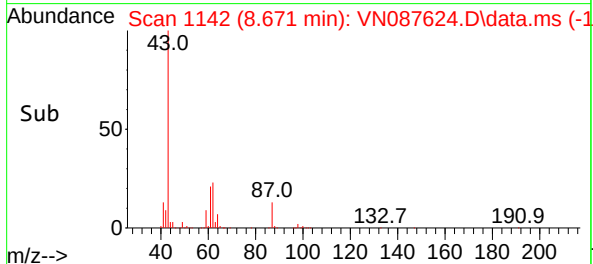
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



Tgt Ion: 43 Resp: 171545
Ion Ratio Lower Upper
43 100
61 24.3 18.8 28.2
87 12.6 9.6 14.4

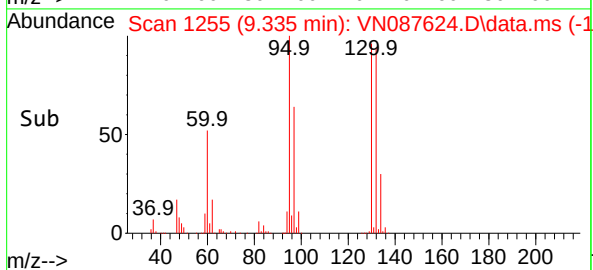
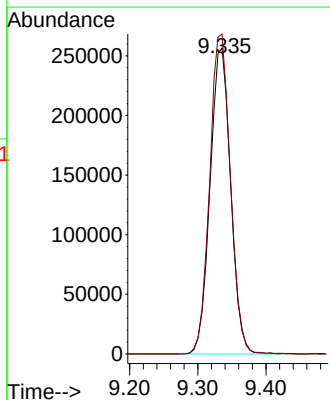
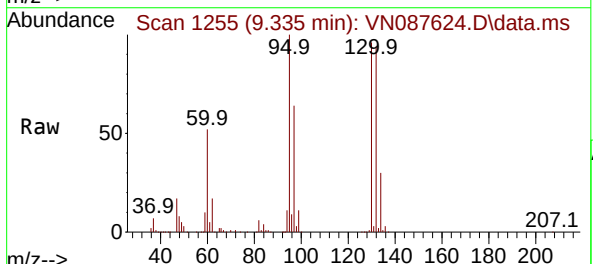
Manual Integrations
APPROVED

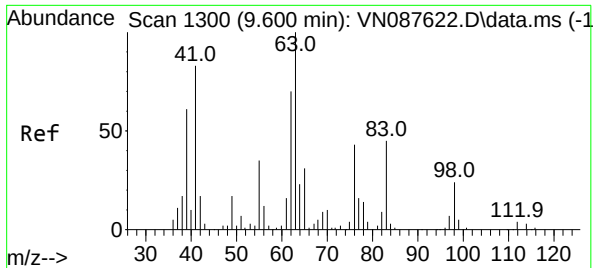
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



#44
Trichloroethene
Concen: 143.098 ug/l
RT: 9.335 min Scan# 1255
Delta R.T. 0.006 min
Lab File: VN087624.D
Acq: 21 Aug 2025 14:44

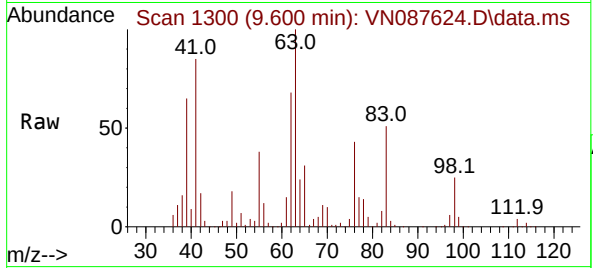
Tgt Ion:130 Resp: 538839
Ion Ratio Lower Upper
130 100
95 104.6 0.0 212.0





#45
1,2-Dichloropropane
Concen: 138.113 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. 0.000 min
Lab File: VN087624.D
Acq: 21 Aug 2025 14:44

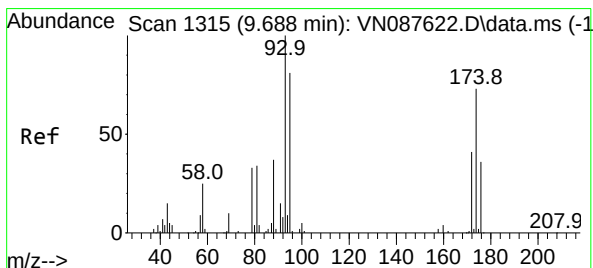
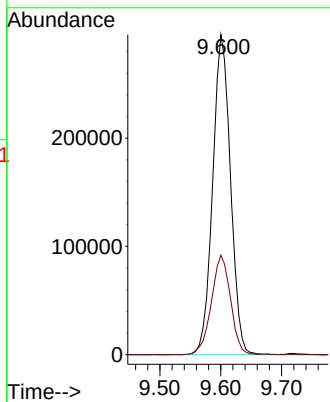
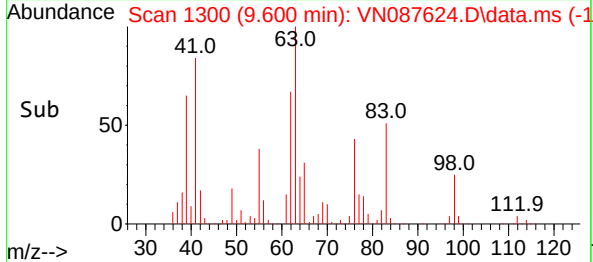
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion: 63 Resp: 60043
Ion Ratio Lower Upper
63 100
65 31.0 25.0 37.4

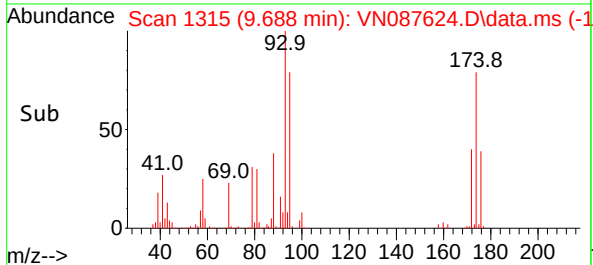
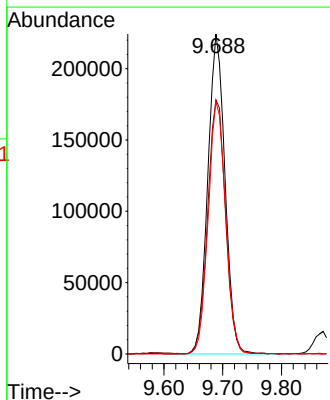
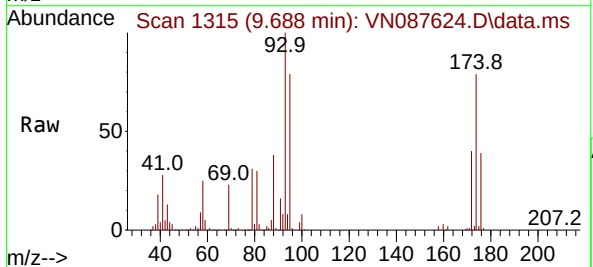
Manual Integrations
APPROVED

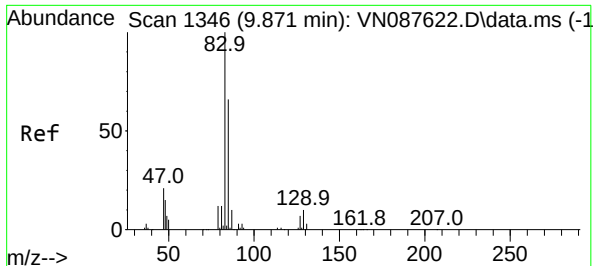
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



#46
Dibromomethane
Concen: 146.791 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN087624.D
Acq: 21 Aug 2025 14:44

Tgt Ion: 93 Resp: 454128
Ion Ratio Lower Upper
93 100
95 82.2 66.2 99.4
174 80.4 63.4 95.2





#47

Bromodichloromethane

Concen: 146.876 ug/l

RT: 9.865 min Scan# 1346

Delta R.T. -0.006 min

Lab File: VN087624.D

Acq: 21 Aug 2025 14:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tgt Ion: 83 Resp: 93125

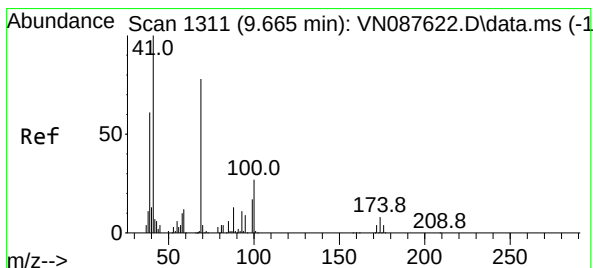
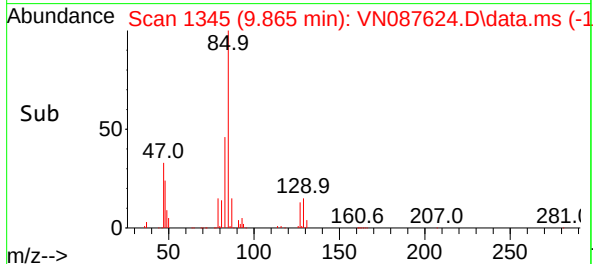
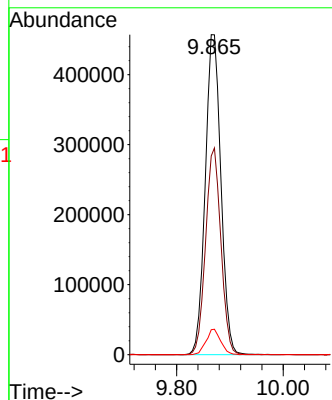
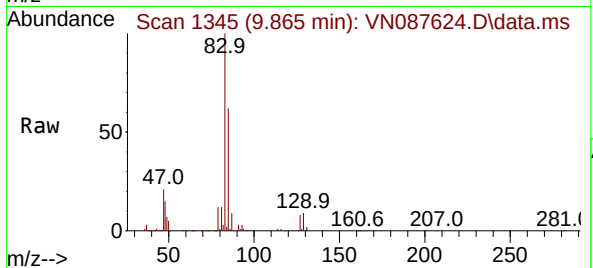
Ion	Ratio	Lower	Upper
83	100		
85	62.1	52.5	78.7
127	7.8	5.8	8.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/22/2025

Supervised By :Mahesh Dadoda 08/25/2025



#48

Methyl methacrylate

Concen: 152.226 ug/l

RT: 9.665 min Scan# 1311

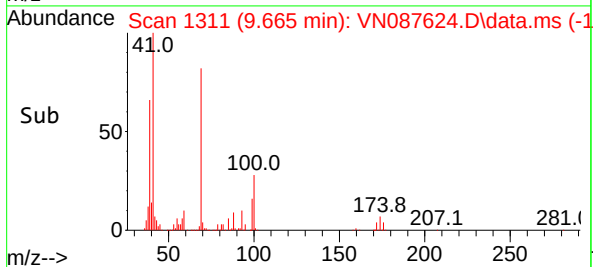
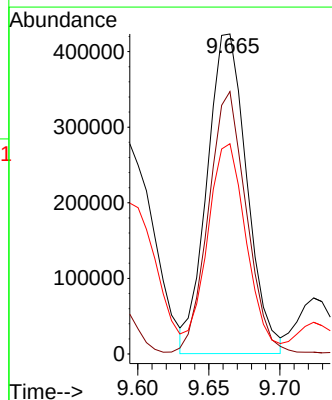
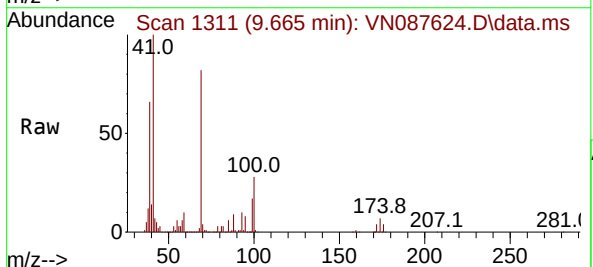
Delta R.T. 0.000 min

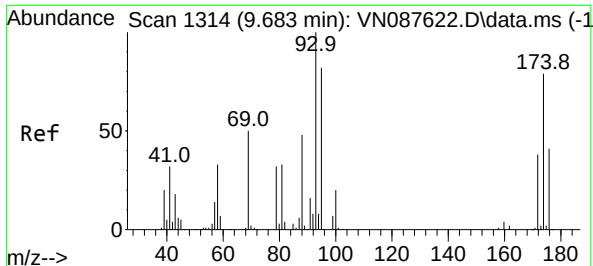
Lab File: VN087624.D

Acq: 21 Aug 2025 14:44

Tgt Ion: 41 Resp: 826047

Ion	Ratio	Lower	Upper
41	100		
69	78.8	62.7	94.1
39	64.6	52.9	79.3





#49

1,4-Dioxane

Concen: 2907.396 ug/l

RT: 9.683 min Scan# 1314

Delta R.T. 0.000 min

Lab File: VN087624.D

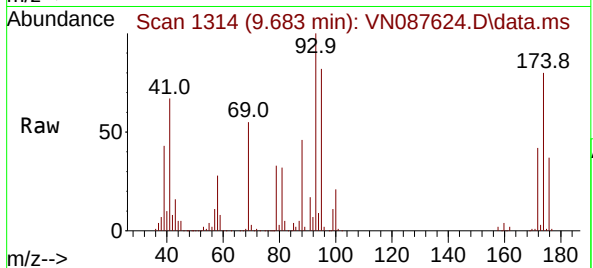
Acq: 21 Aug 2025 14:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC150



Tgt Ion: 88 Resp: 204489

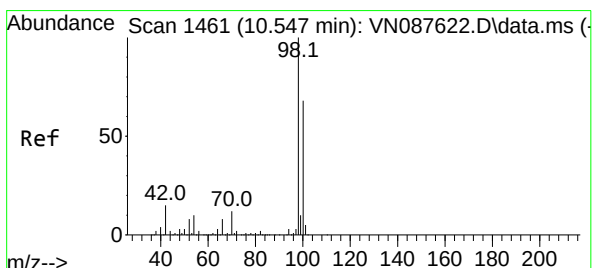
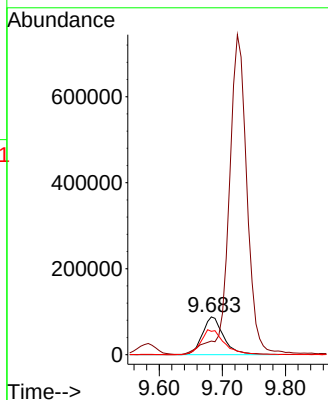
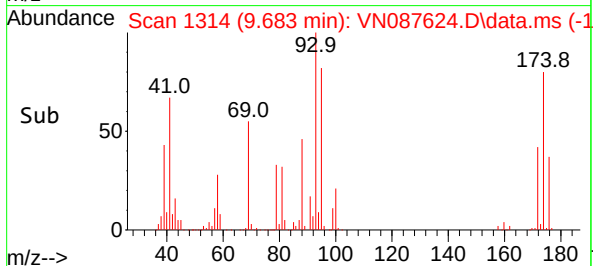
Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	73.2	57.9	86.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/22/2025

Supervised By :Mahesh Dadoda 08/25/2025



#50

Toluene-d8

Concen: 163.702 ug/l

RT: 10.547 min Scan# 1461

Delta R.T. 0.000 min

Lab File: VN087624.D

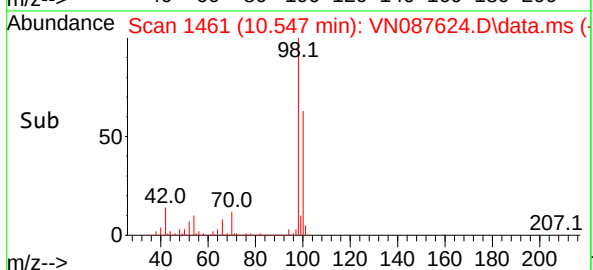
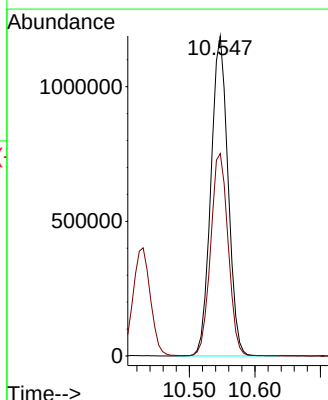
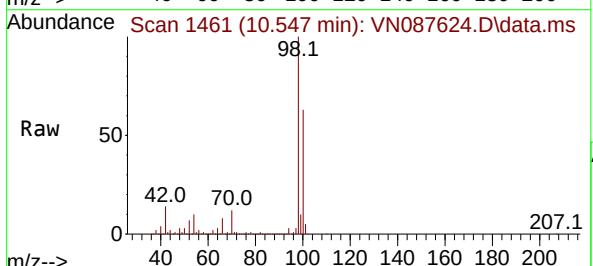
Acq: 21 Aug 2025 14:44

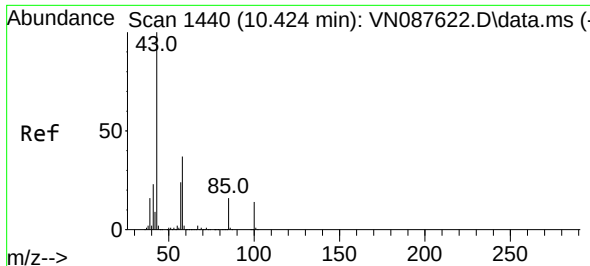
Tgt Ion: 98 Resp: 2147647

Ion Ratio Lower Upper

98 100

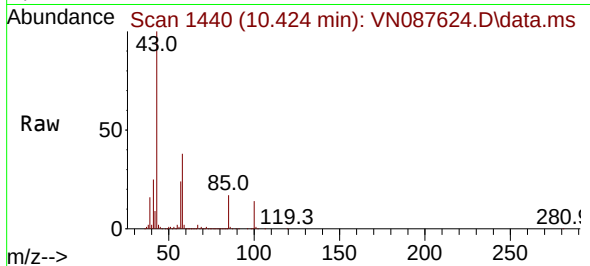
100 64.7 52.8 79.2





#51
4-Methyl-2-Pentanone
Concen: 740.736 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. 0.000 min
Lab File: VN087624.D
Acq: 21 Aug 2025 14:44

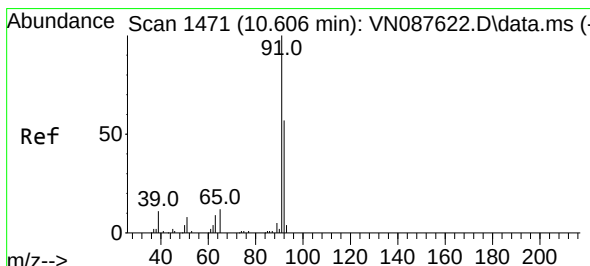
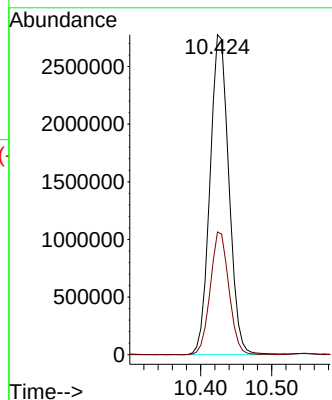
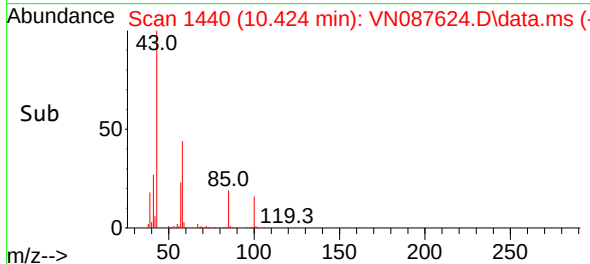
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



Tgt Ion: 43 Resp: 512714
Ion Ratio Lower Upper
43 100
58 37.9 29.6 44.4

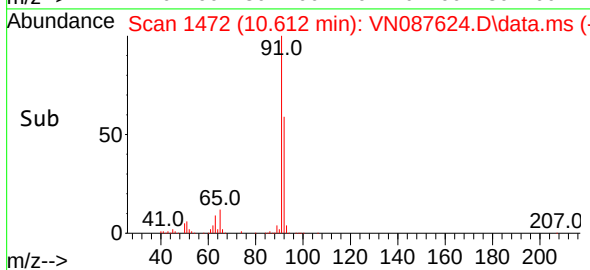
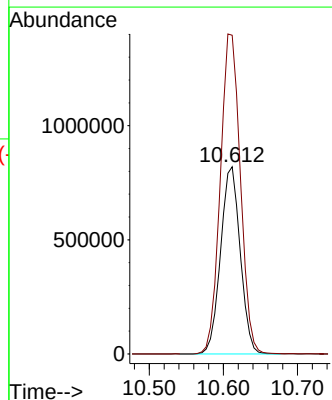
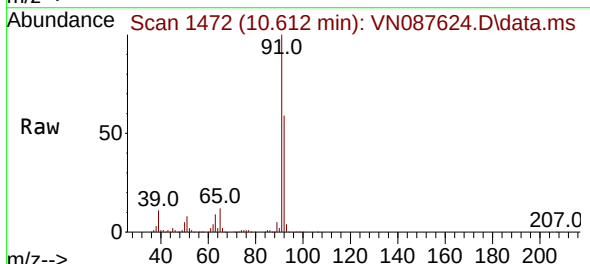
Manual Integrations
APPROVED

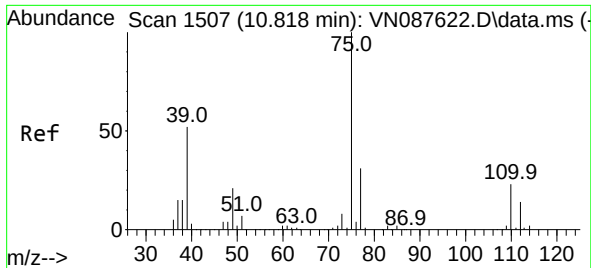
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



#52
Toluene
Concen: 147.197 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VN087624.D
Acq: 21 Aug 2025 14:44

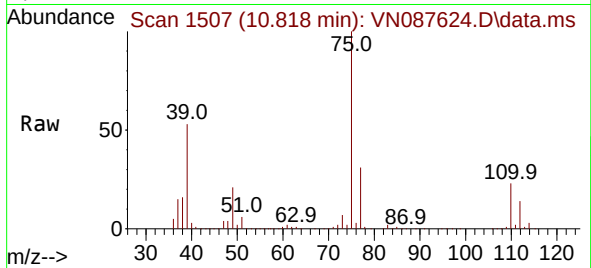
Tgt Ion: 92 Resp: 1505069
Ion Ratio Lower Upper
92 100
91 175.1 140.4 210.6





#53
t-1,3-Dichloropropene
Concen: 158.602 ug/l
RT: 10.818 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087624.D
Acq: 21 Aug 2025 14:44

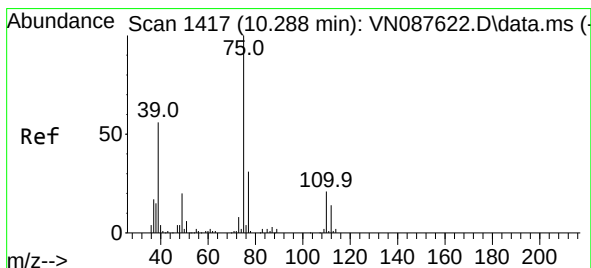
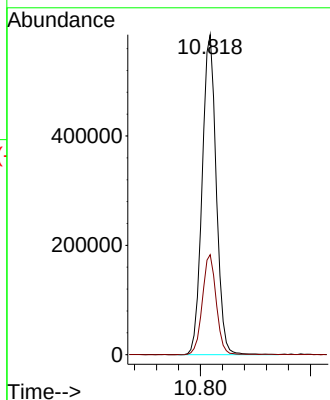
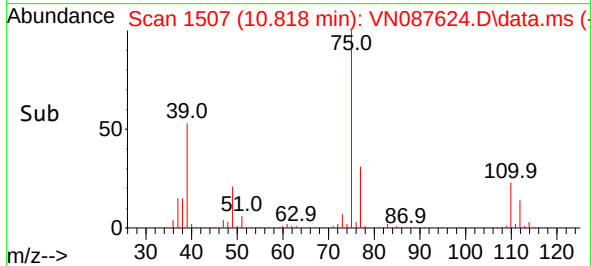
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



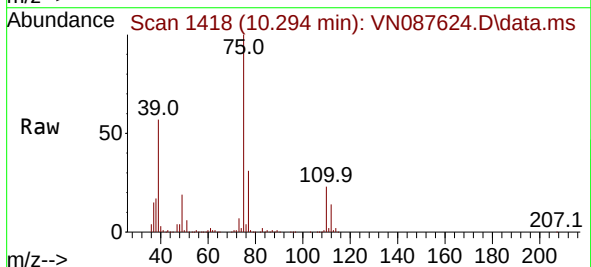
Tgt Ion: 75 Resp: 1040899
Ion Ratio Lower Upper
75 100
77 31.2 25.2 37.8

Manual Integrations
APPROVED

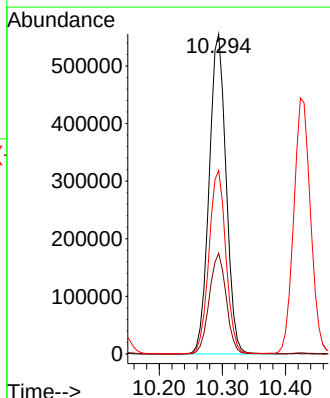
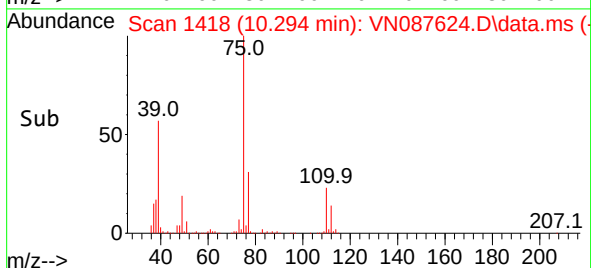
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025

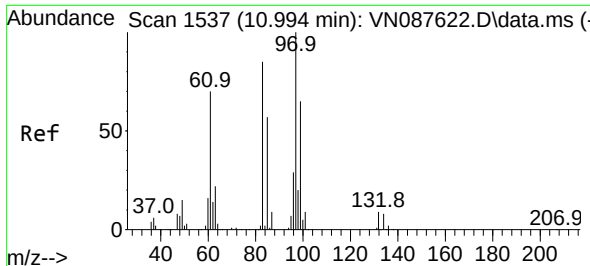


#54
cis-1,3-Dichloropropene
Concen: 151.780 ug/l
RT: 10.294 min Scan# 1418
Delta R.T. 0.006 min
Lab File: VN087624.D
Acq: 21 Aug 2025 14:44



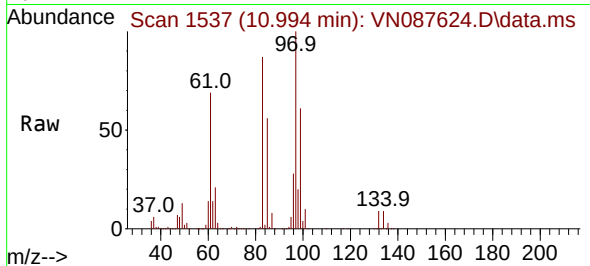
Tgt Ion: 75 Resp: 1034308
Ion Ratio Lower Upper
75 100
77 31.4 24.6 37.0
39 57.3 45.2 67.8





#55
1,1,2-Trichloroethane
Concen: 146.338 ug/l
RT: 10.994 min Scan# 1537
Delta R.T. 0.000 min
Lab File: VN087624.D
Acq: 21 Aug 2025 14:44

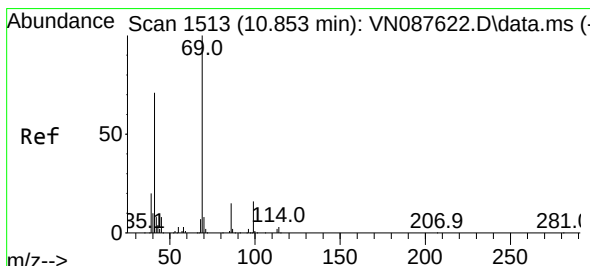
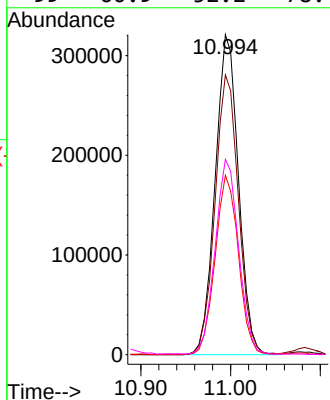
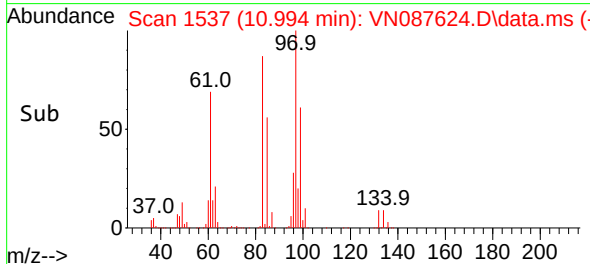
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



Tgt Ion:	97	Resp:	578828
Ion	Ratio	Lower	Upper
97	100		
83	87.5	68.2	102.4
85	56.0	45.5	68.3
99	60.9	52.2	78.4

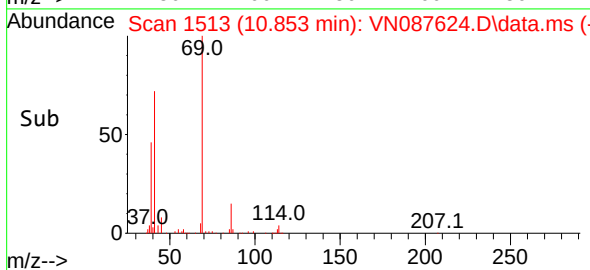
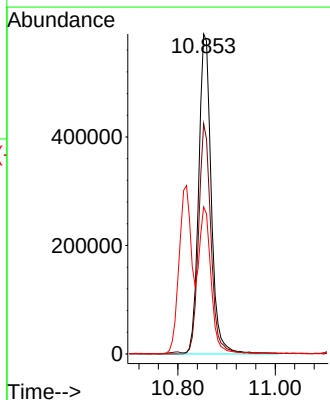
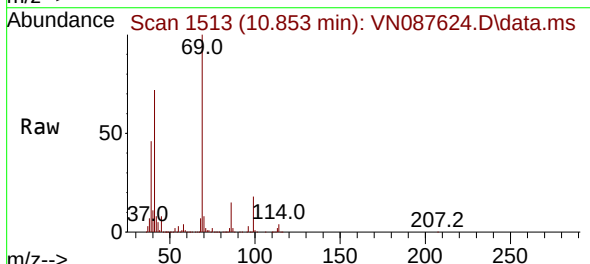
Manual Integrations
APPROVED

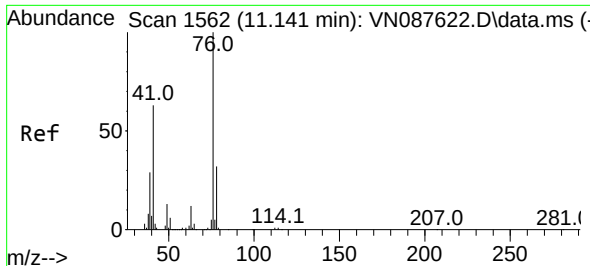
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



#56
Ethyl methacrylate
Concen: 167.411 ug/l
RT: 10.853 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VN087624.D
Acq: 21 Aug 2025 14:44

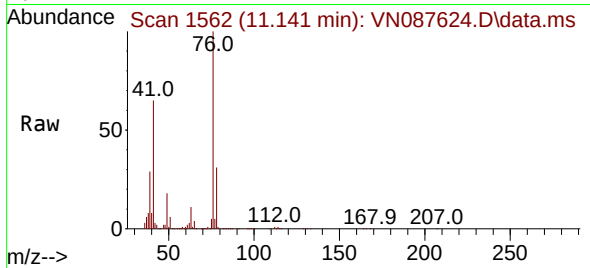
Tgt Ion:	69	Resp:	1058252
Ion	Ratio	Lower	Upper
69	100		
41	69.7	56.5	84.7
39	43.8	34.2	51.4





#57
1,3-Dichloropropane
Concen: 146.908 ug/l
RT: 11.141 min Scan# 1562
Delta R.T. 0.000 min
Lab File: VN087624.D
Acq: 21 Aug 2025 14:44

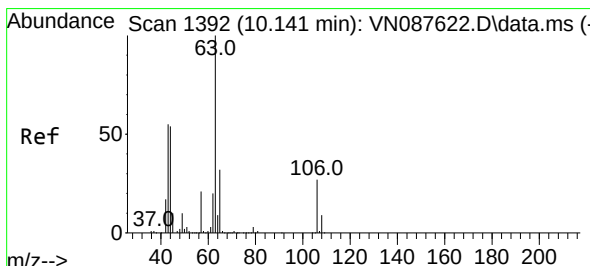
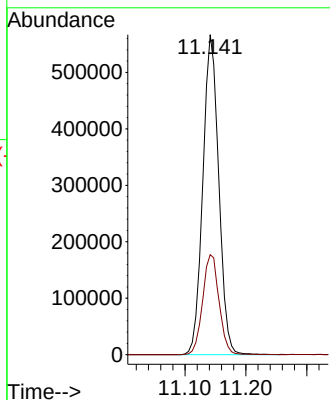
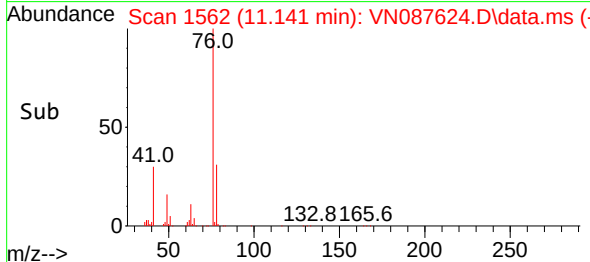
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



Tgt Ion: 76 Resp: 102839
Ion Ratio Lower Upper
76 100
78 32.2 26.2 39.4

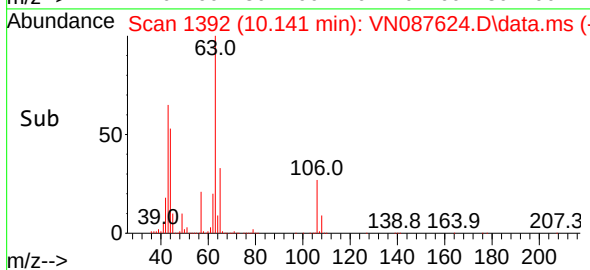
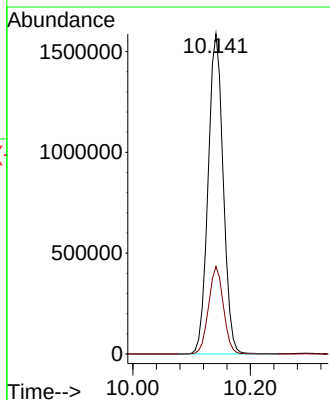
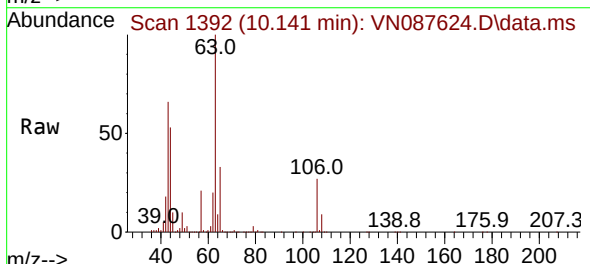
Manual Integrations
APPROVED

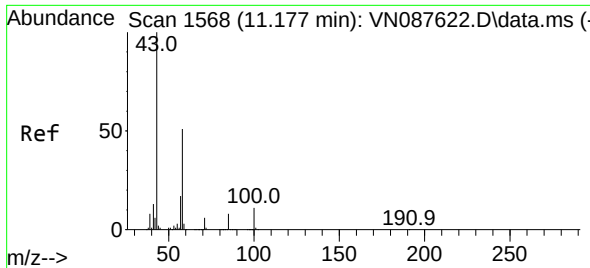
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



#58
2-Chloroethyl Vinyl ether
Concen: 825.716 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VN087624.D
Acq: 21 Aug 2025 14:44

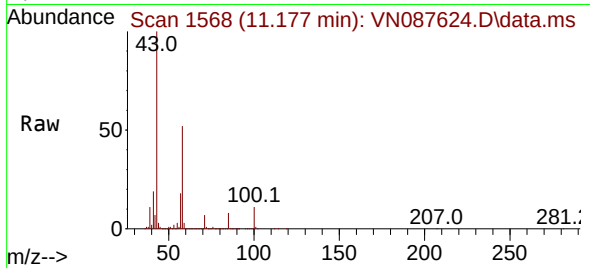
Tgt Ion: 63 Resp: 2825105
Ion Ratio Lower Upper
63 100
106 26.9 21.1 31.7





#59
2-Hexanone
Concen: 843.686 ug/l
RT: 11.177 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VN087624.D
Acq: 21 Aug 2025 14:44

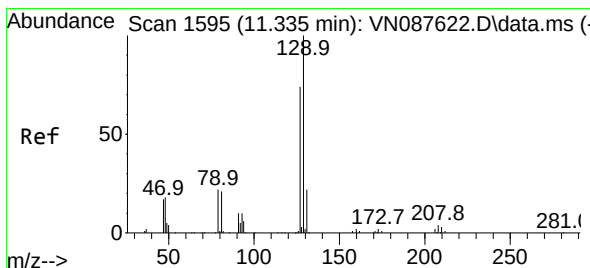
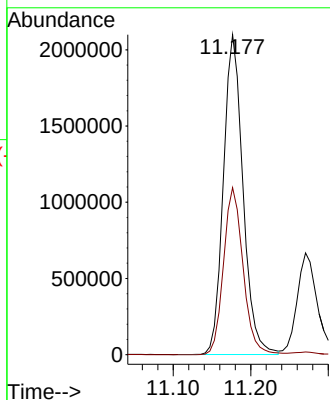
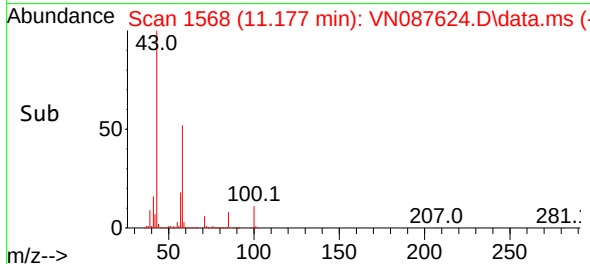
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion: 43 Resp: 369070
Ion Ratio Lower Upper
43 100
58 52.2 25.9 77.8

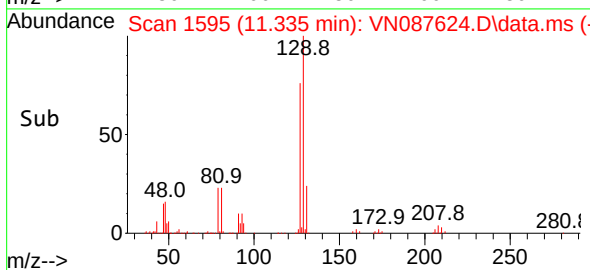
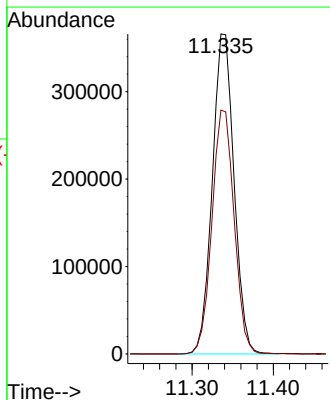
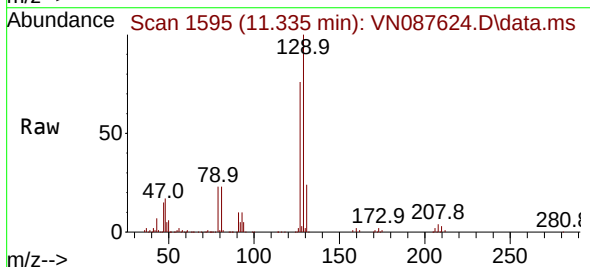
Manual Integrations
APPROVED

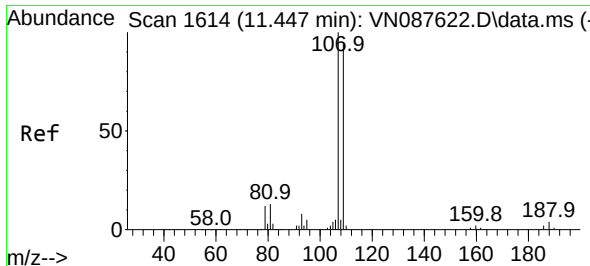
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



#60
Dibromochloromethane
Concen: 148.578 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VN087624.D
Acq: 21 Aug 2025 14:44

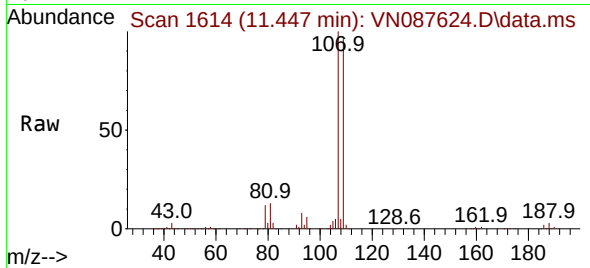
Tgt Ion:129 Resp: 680951
Ion Ratio Lower Upper
129 100
127 77.9 39.1 117.3





#61
1,2-Dibromoethane
Concen: 148.950 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VN087624.D
Acq: 21 Aug 2025 14:44

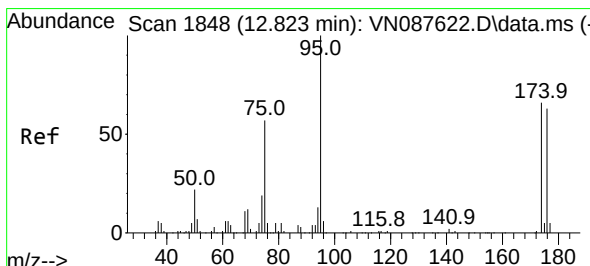
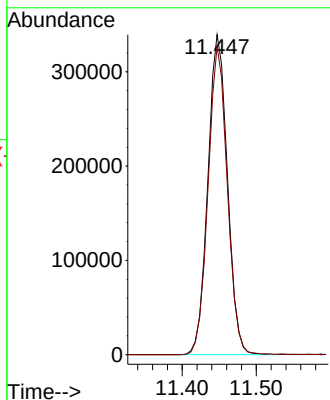
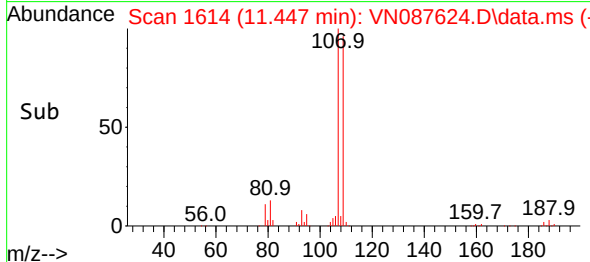
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion:107 Resp: 621238
Ion Ratio Lower Upper
107 100
109 94.9 74.7 112.1

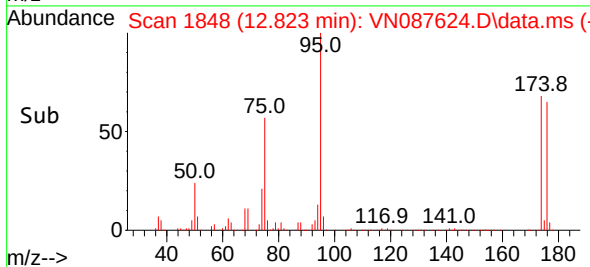
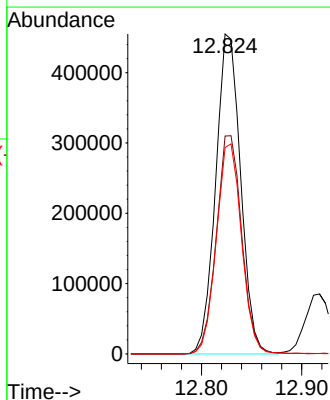
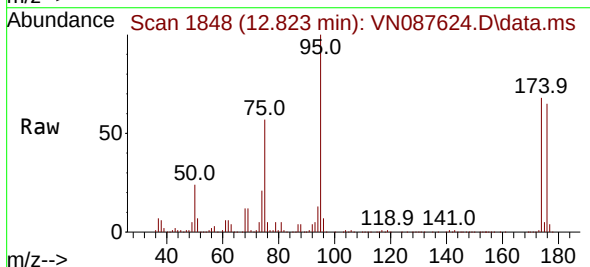
Manual Integrations
APPROVED

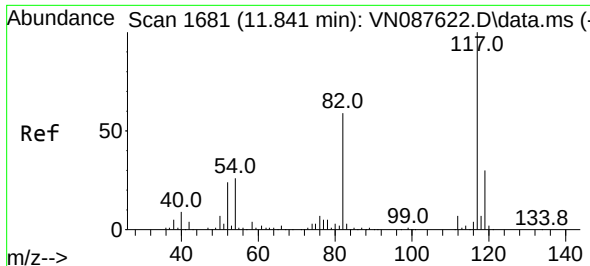
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



#62
4-Bromofluorobenzene
Concen: 168.419 ug/l
RT: 12.823 min Scan# 1848
Delta R.T. 0.000 min
Lab File: VN087624.D
Acq: 21 Aug 2025 14:44

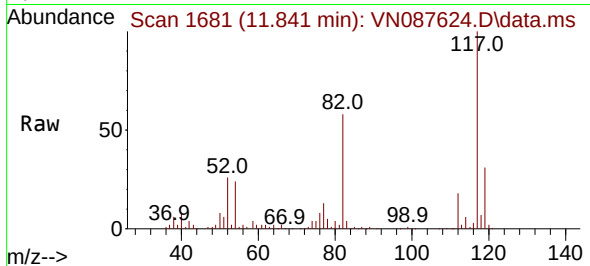
Tgt Ion: 95 Resp: 785776
Ion Ratio Lower Upper
95 100
174 69.6 0.0 138.4
176 66.5 0.0 132.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VN087624.D
Acq: 21 Aug 2025 14:44

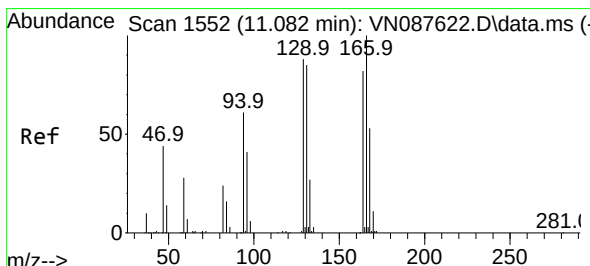
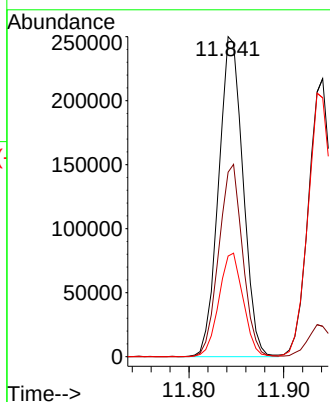
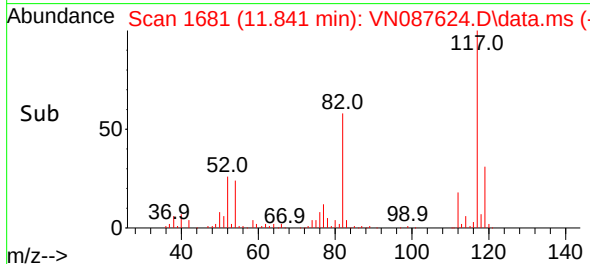
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



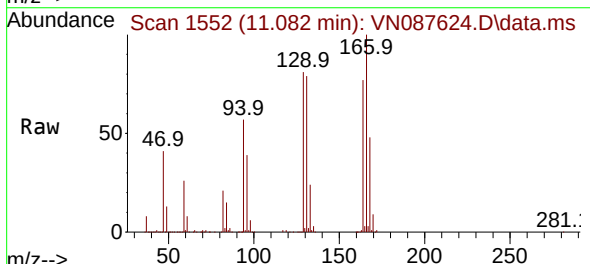
Tgt Ion:117 Resp: 448278
Ion Ratio Lower Upper
117 100
82 57.7 47.4 71.2
119 31.5 24.3 36.5

Manual Integrations
APPROVED

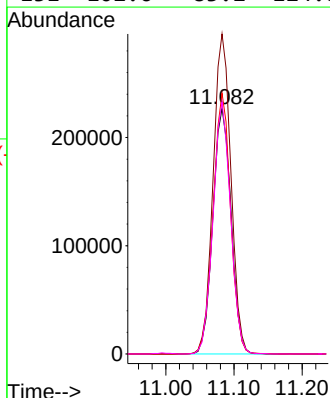
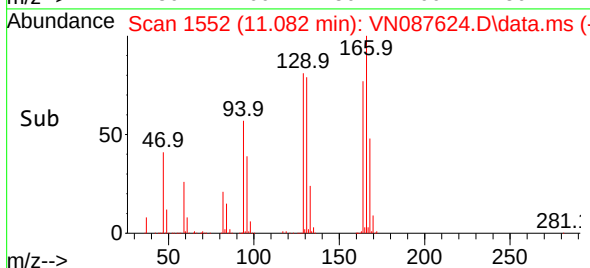
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025

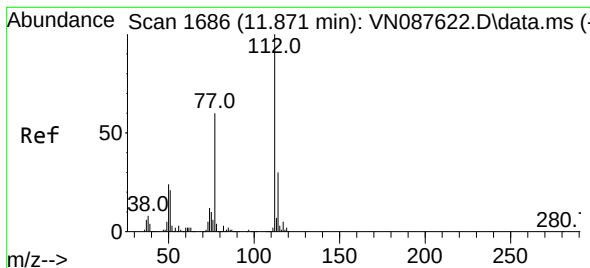


#64
Tetrachloroethene
Concen: 135.369 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. 0.000 min
Lab File: VN087624.D
Acq: 21 Aug 2025 14:44



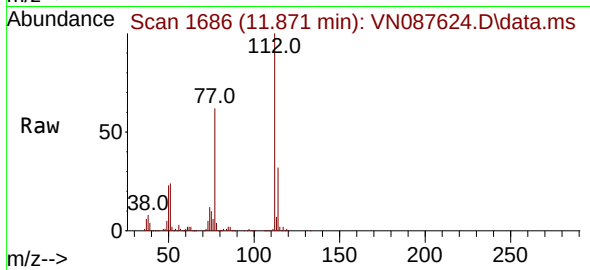
Tgt Ion:164 Resp: 421013
Ion Ratio Lower Upper
164 100
166 130.4 97.7 146.5
129 106.2 85.9 128.9
131 102.6 83.2 124.8





#65
Chlorobenzene
Concen: 146.105 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN087624.D
Acq: 21 Aug 2025 14:44

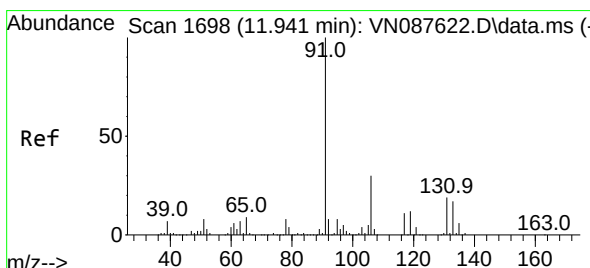
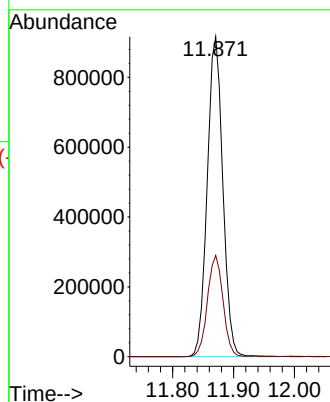
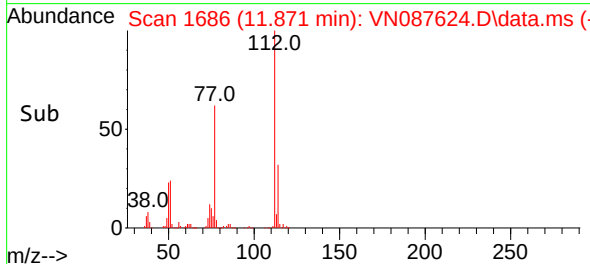
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



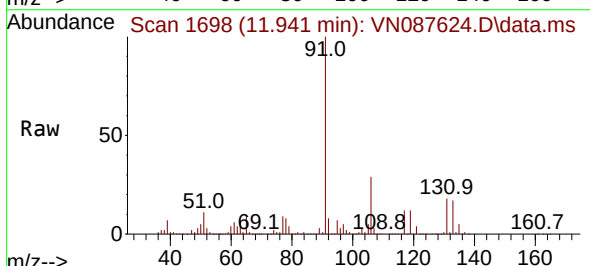
Tgt Ion:112 Resp: 1629434
Ion Ratio Lower Upper
112 100
114 31.6 24.3 36.5

Manual Integrations
APPROVED

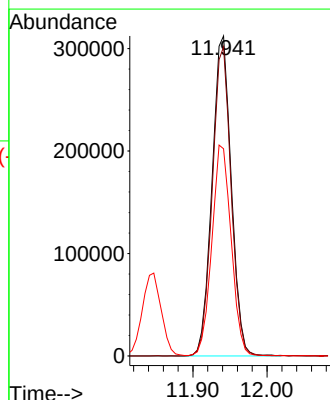
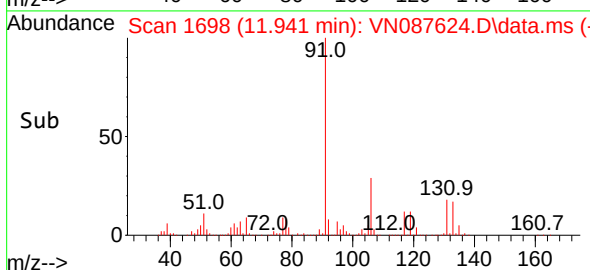
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025

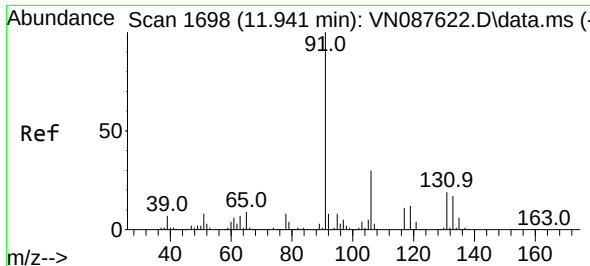


#66
1,1,1,2-Tetrachloroethane
Concen: 151.997 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN087624.D
Acq: 21 Aug 2025 14:44



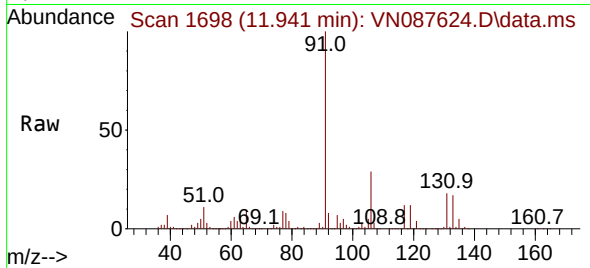
Tgt Ion:131 Resp: 562761
Ion Ratio Lower Upper
131 100
133 94.8 48.0 144.0
119 66.2 32.6 97.7





#67
Ethyl Benzene
Concen: 151.661 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN087624.D
Acq: 21 Aug 2025 14:44

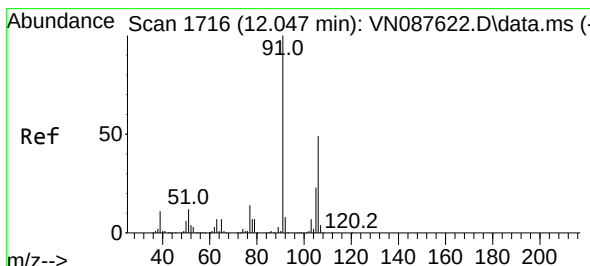
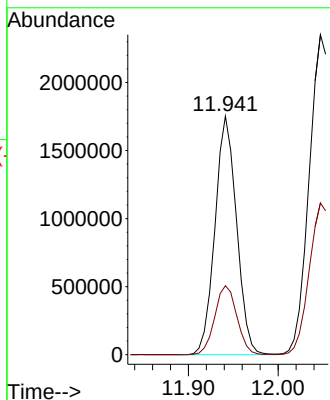
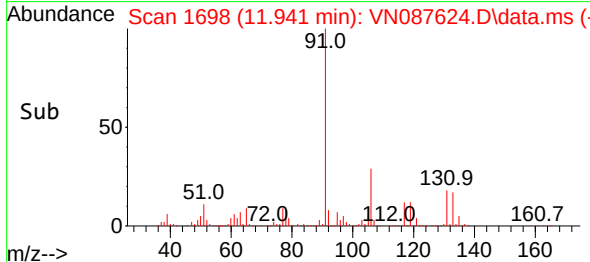
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion: 91 Resp: 292852
Ion Ratio Lower Upper
91 100
106 28.9 24.1 36.1

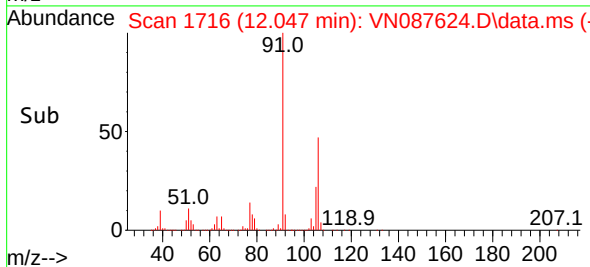
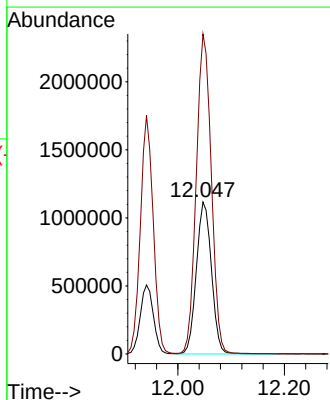
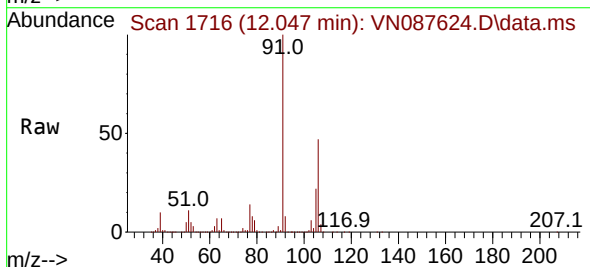
Manual Integrations
APPROVED

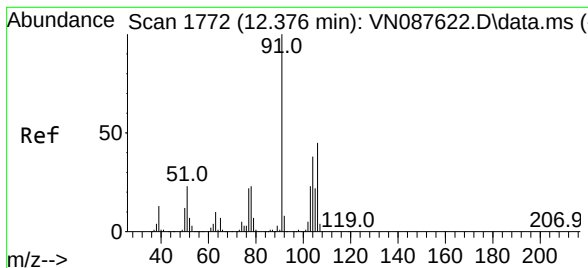
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



#68
m/p-Xylenes
Concen: 309.193 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VN087624.D
Acq: 21 Aug 2025 14:44

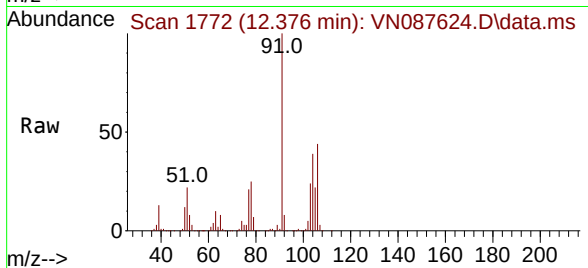
Tgt Ion:106 Resp: 2189611
Ion Ratio Lower Upper
106 100
91 210.4 169.3 253.9





#69
o-Xylene
Concen: 151.829 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VN087624.D
Acq: 21 Aug 2025 14:44

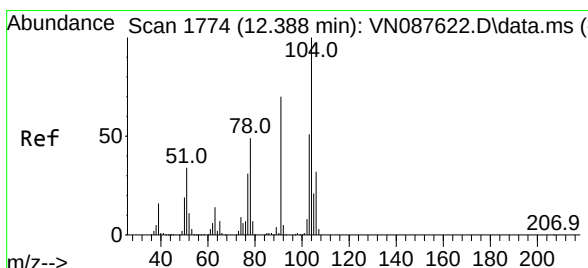
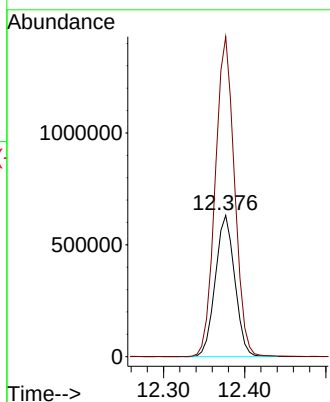
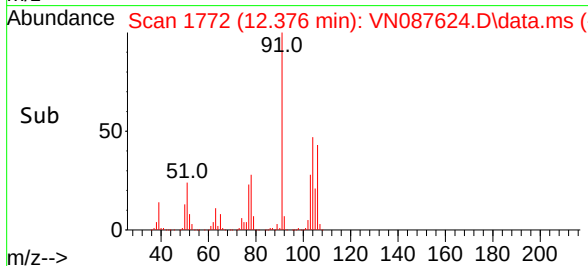
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



Tgt Ion:106 Resp: 1053690
Ion Ratio Lower Upper
106 100
91 224.6 111.4 334.2

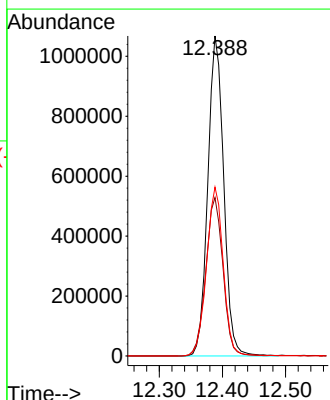
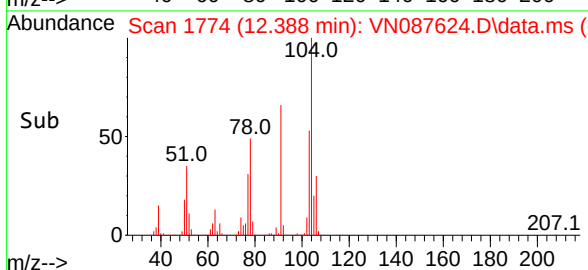
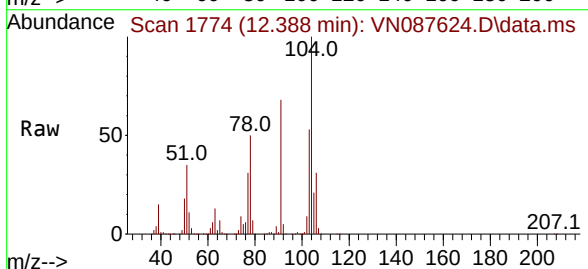
Manual Integrations
APPROVED

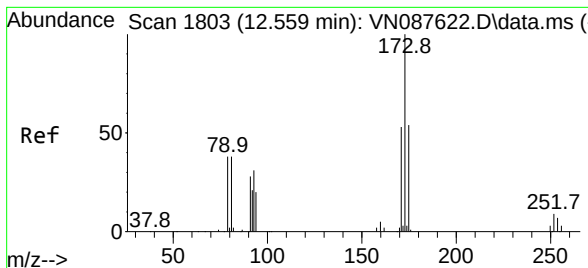
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



#70
Styrene
Concen: 161.099 ug/l
RT: 12.388 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VN087624.D
Acq: 21 Aug 2025 14:44

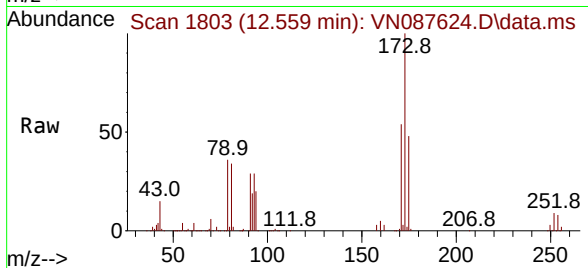
Tgt Ion:104 Resp: 1873074
Ion Ratio Lower Upper
104 100
78 53.4 42.2 63.2
103 55.6 43.4 65.2





#71
Bromoform
Concen: 159.129 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VN087624.D
Acq: 21 Aug 2025 14:44

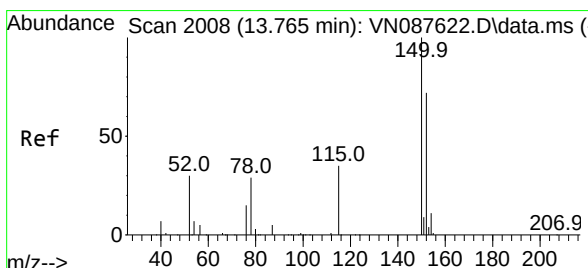
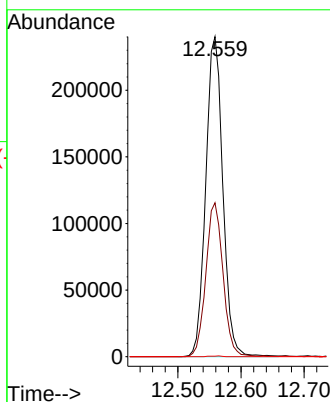
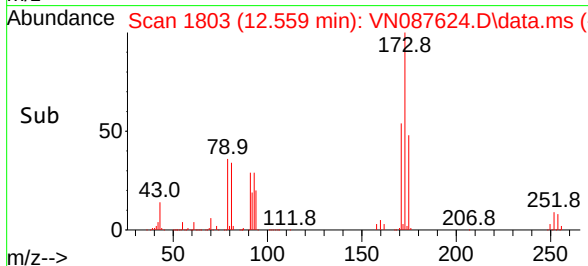
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



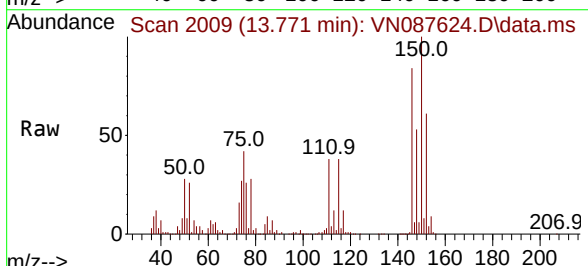
Tgt Ion:173 Resp: 45185
Ion Ratio Lower Upper
173 100
175 48.3 24.9 74.6
254 0.2 0.1 0.1

Manual Integrations
APPROVED

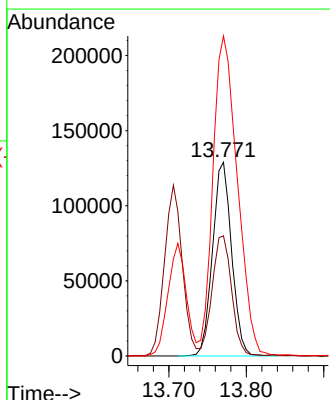
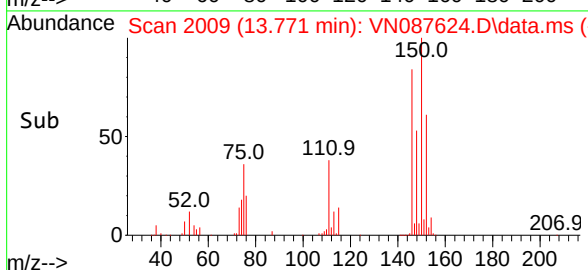
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025

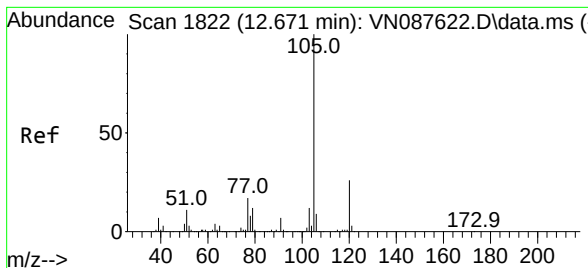


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.771 min Scan# 2009
Delta R.T. 0.006 min
Lab File: VN087624.D
Acq: 21 Aug 2025 14:44



Tgt Ion:152 Resp: 220585
Ion Ratio Lower Upper
152 100
115 62.3 32.3 96.8
150 210.3 0.0 351.0





#73

Isopropylbenzene

Concen: 152.940 ug/l

RT: 12.671 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN087624.D

Acq: 21 Aug 2025 14:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC150

Tgt Ion:105 Resp: 2726110

Ion Ratio Lower Upper

105 100

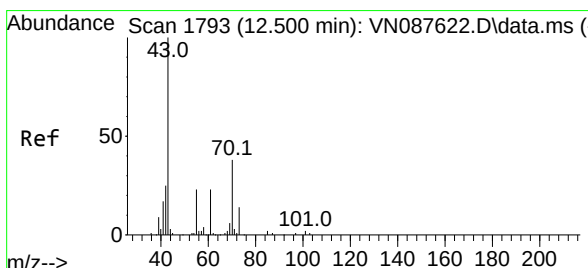
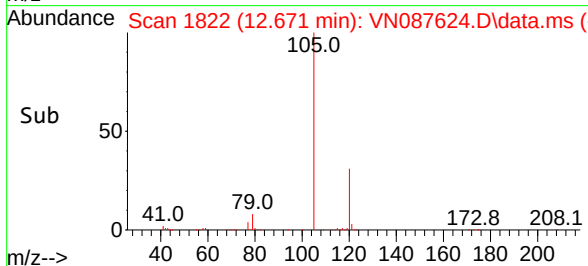
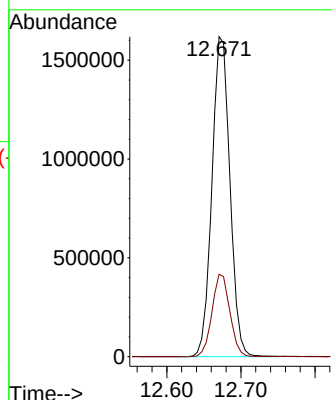
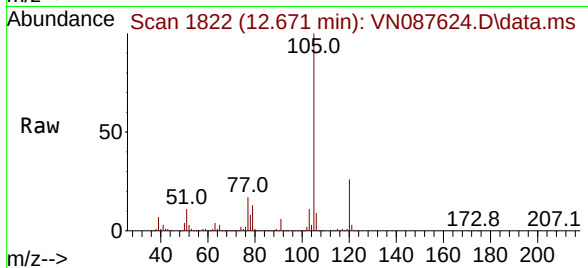
120 25.6 12.8 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/22/2025

Supervised By :Mahesh Dadoda 08/25/2025



#74

N-ethyl acetate

Concen: 167.250 ug/l

RT: 12.482 min Scan# 1790

Delta R.T. -0.018 min

Lab File: VN087624.D

Acq: 21 Aug 2025 14:44

Tgt Ion: 43 Resp: 1146975

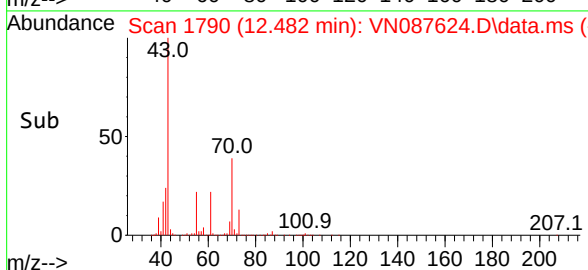
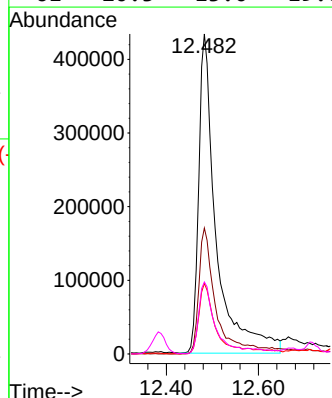
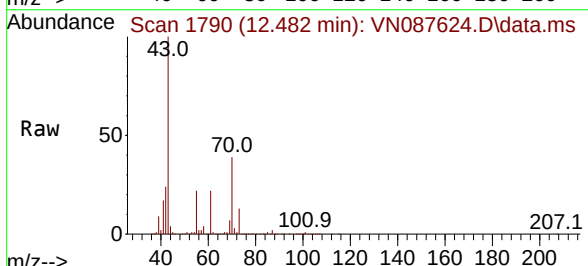
Ion Ratio Lower Upper

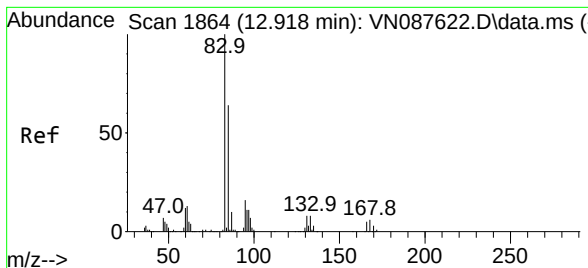
43 100

70 40.4 27.6 41.4

55 20.2 13.0 19.6#

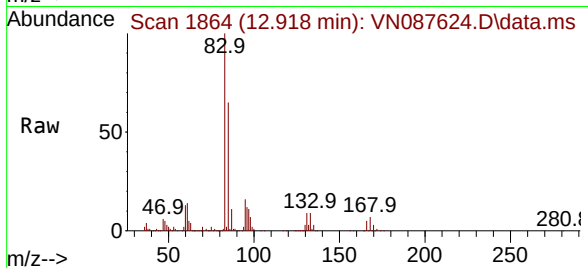
61 20.3 13.0 19.6#





#75
1,1,2,2-Tetrachloroethane
Concen: 147.822 ug/l
RT: 12.918 min Scan# 1864
Delta R.T. 0.000 min
Lab File: VN087624.D
Acq: 21 Aug 2025 14:44

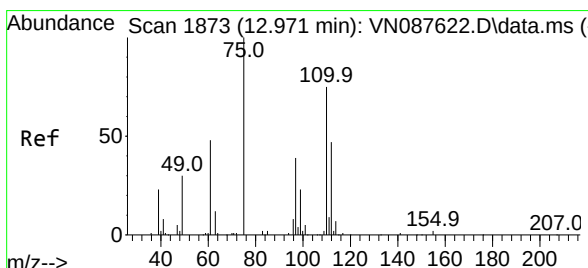
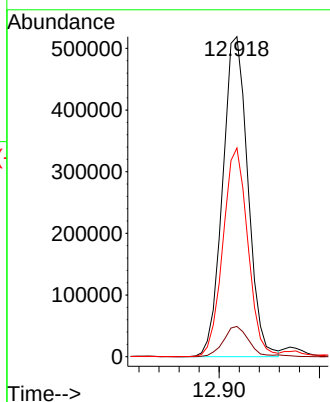
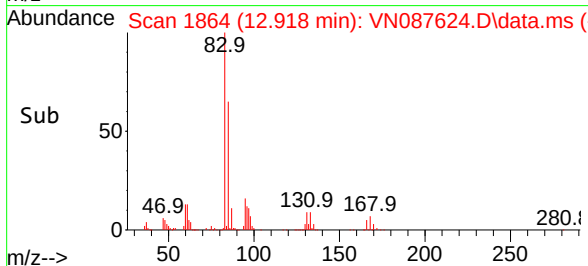
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



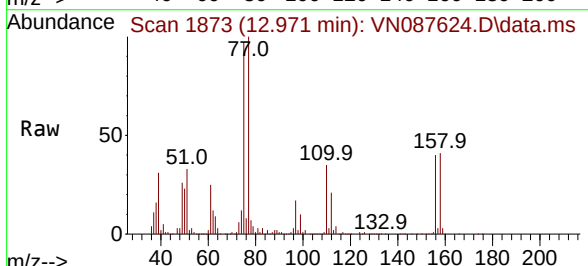
Tgt Ion: 83 Resp: 90715
Ion Ratio Lower Upper
83 100
131 9.7 4.8 14.4
85 64.2 32.1 96.3

Manual Integrations
APPROVED

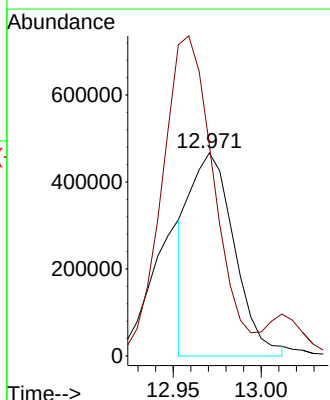
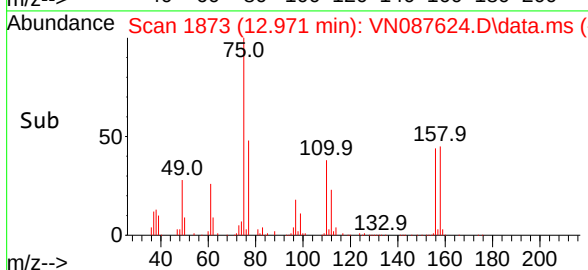
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025

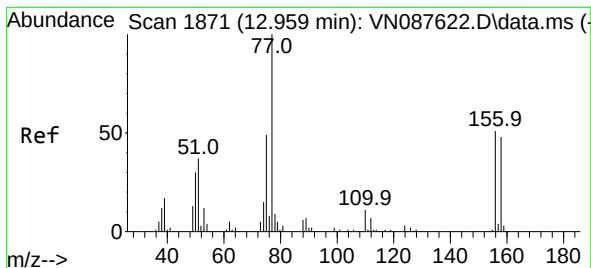


#76
1,2,3-Trichloropropane
Concen: 160.233 ug/l m
RT: 12.971 min Scan# 1873
Delta R.T. 0.000 min
Lab File: VN087624.D
Acq: 21 Aug 2025 14:44



Tgt Ion: 75 Resp: 830843
Ion Ratio Lower Upper
75 100
77 181.1 89.1 267.4





#77

Bromobenzene

Concen: 147.691 ug/l

RT: 12.959 min Scan# 1871

Delta R.T. 0.000 min

Lab File: VN087624.D

Acq: 21 Aug 2025 14:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tgt Ion:156 Resp: 62071

Ion Ratio Lower Upper

156 100

77 242.4 119.3 358.0

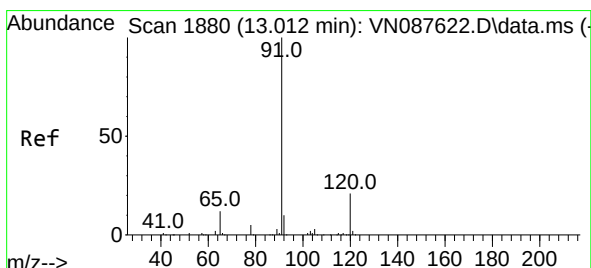
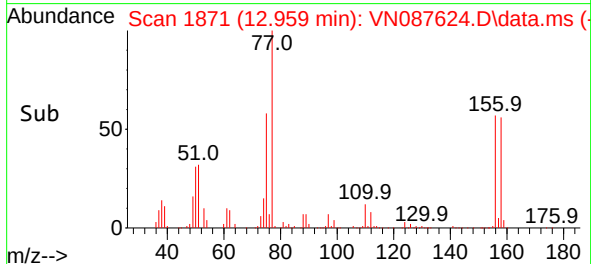
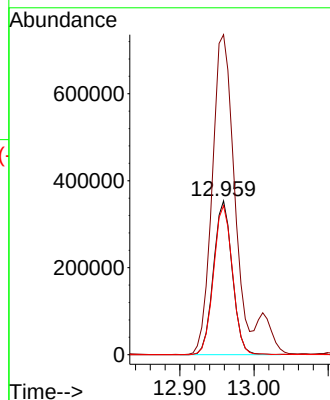
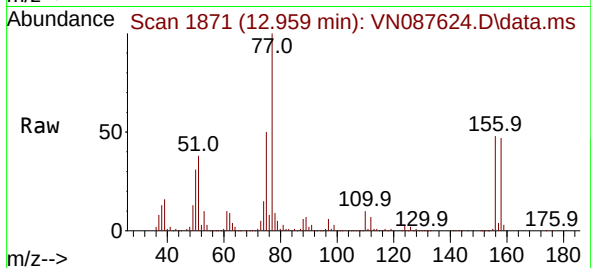
158 97.7 48.2 144.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/22/2025

Supervised By :Mahesh Dadoda 08/25/2025



#78

n-propylbenzene

Concen: 152.627 ug/l

RT: 13.012 min Scan# 1880

Delta R.T. 0.000 min

Lab File: VN087624.D

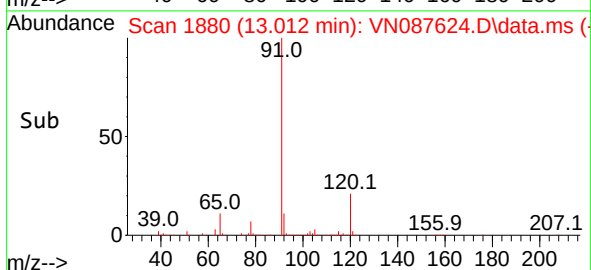
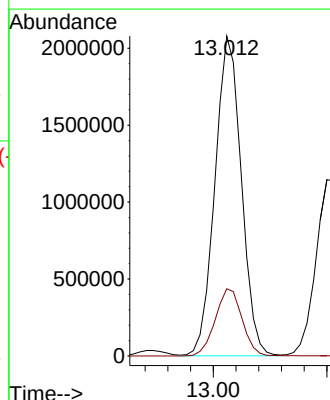
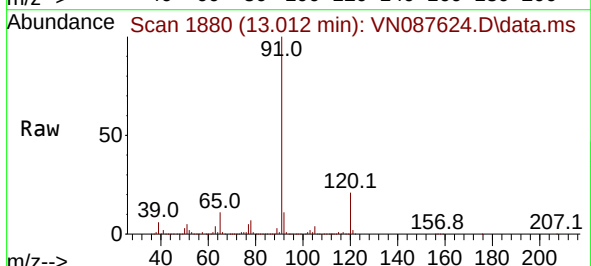
Acq: 21 Aug 2025 14:44

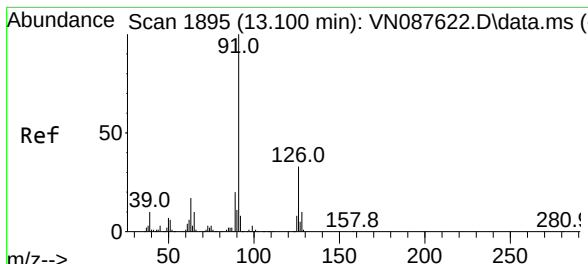
Tgt Ion: 91 Resp: 3351021

Ion Ratio Lower Upper

91 100

120 21.3 10.7 32.1





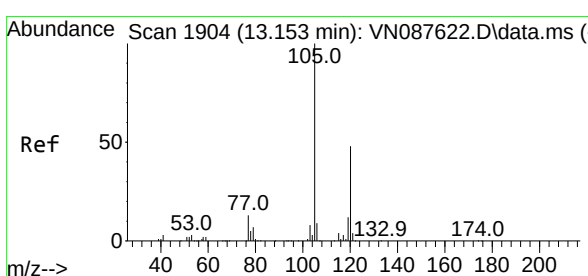
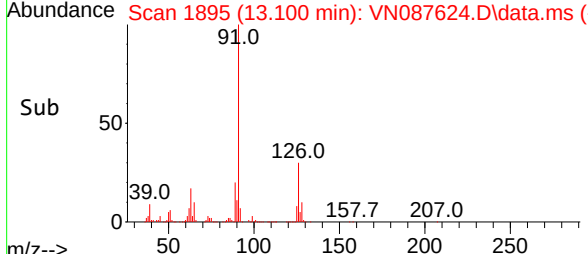
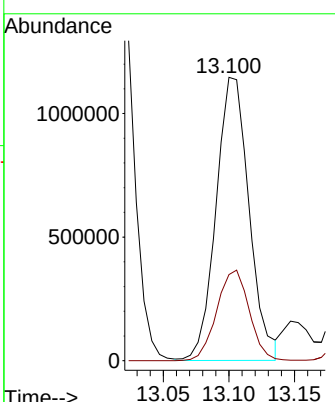
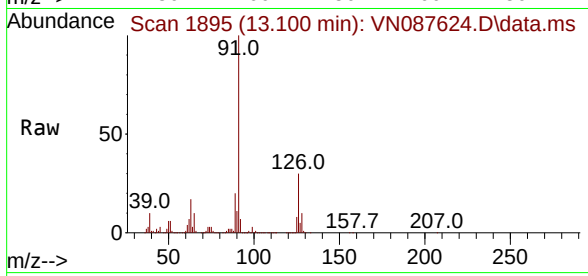
#79
 2-Chlorotoluene
 Concen: 152.133 ug/l
 RT: 13.100 min Scan# 1895
 Delta R.T. 0.000 min
 Lab File: VN087624.D
 Acq: 21 Aug 2025 14:44

Instrument : MSVOA_N
 ClientSampleId : VSTDIC150

Tgt Ion: 91 Resp: 201006

Ion	Ratio	Lower	Upper
91	100		
126	31.4	16.1	48.3

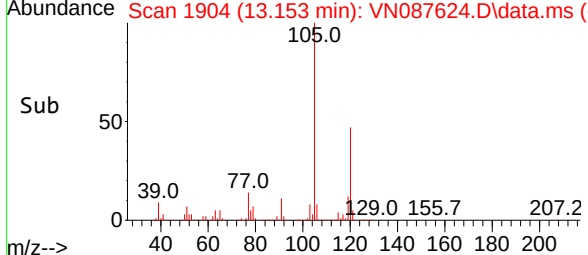
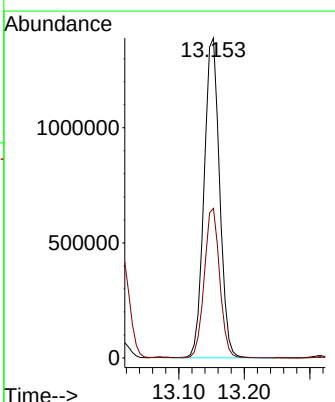
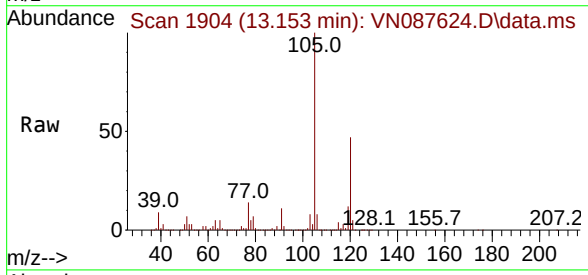
Manual Integrations
APPROVED
 Reviewed By :John Carlone 08/22/2025
 Supervised By :Mahesh Dadoda 08/25/2025

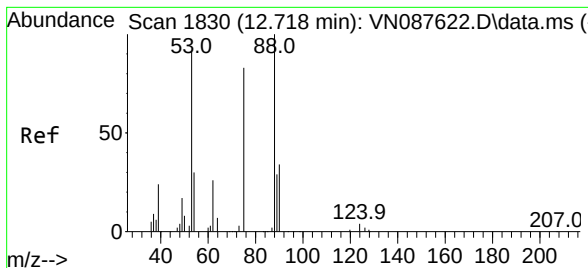


#80
 1,3,5-Trimethylbenzene
 Concen: 151.084 ug/l
 RT: 13.153 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VN087624.D
 Acq: 21 Aug 2025 14:44

Tgt Ion: 105 Resp: 2284564

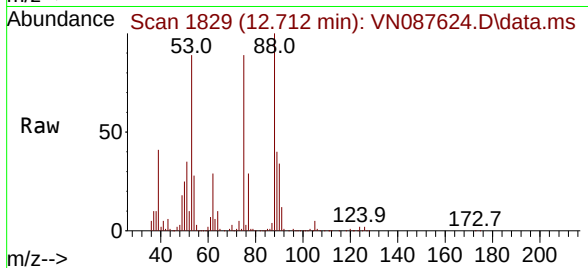
Ion	Ratio	Lower	Upper
105	100		
120	46.7	23.2	69.6





#81
trans-1,4-Dichloro-2-butene
Concen: 177.054 ug/l
RT: 12.712 min Scan# 1829
Delta R.T. -0.006 min
Lab File: VN087624.D
Acq: 21 Aug 2025 14:44

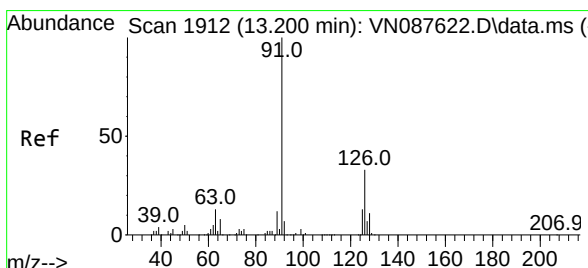
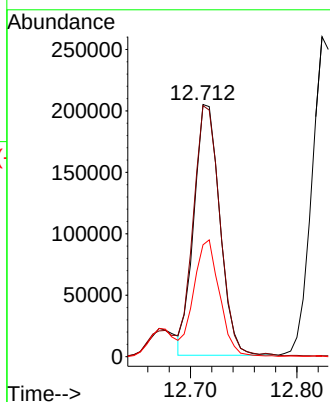
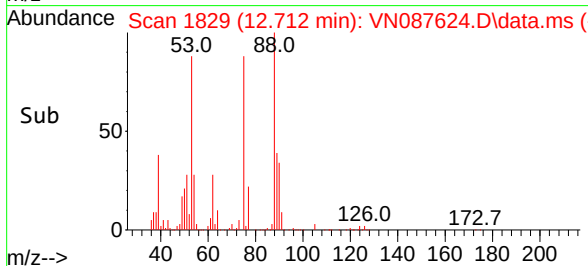
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion: 75 Resp: 34595
Ion Ratio Lower Upper
75 100
53 103.9 101.8 152.6
89 46.4 35.6 53.4

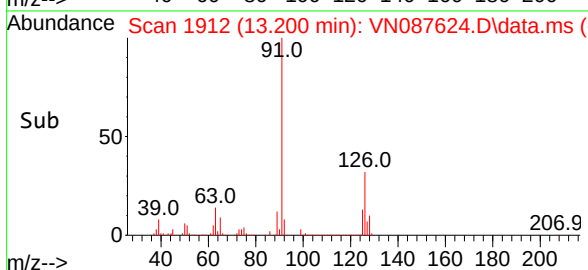
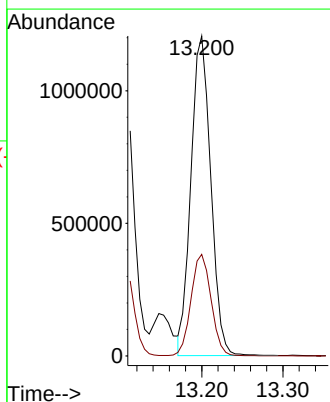
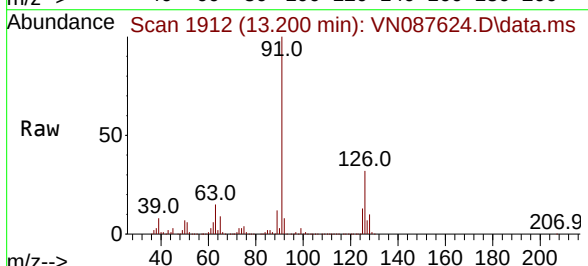
Manual Integrations
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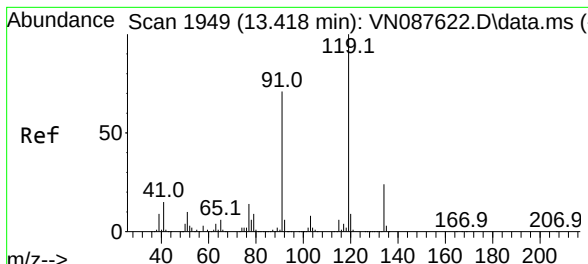
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



#82
4-Chlorotoluene
Concen: 147.365 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VN087624.D
Acq: 21 Aug 2025 14:44

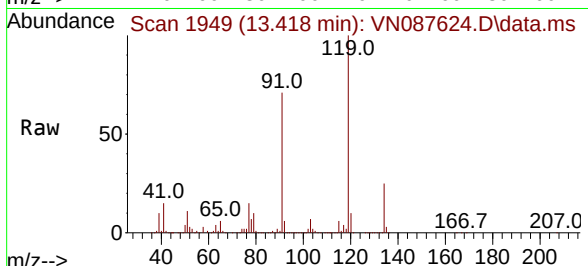
Tgt Ion: 91 Resp: 2047130
Ion Ratio Lower Upper
91 100
126 32.2 15.6 46.8





#83
 tert-Butylbenzene
 Concen: 151.441 ug/l
 RT: 13.418 min Scan# 1949
 Delta R.T. 0.000 min
 Lab File: VN087624.D
 Acq: 21 Aug 2025 14:44

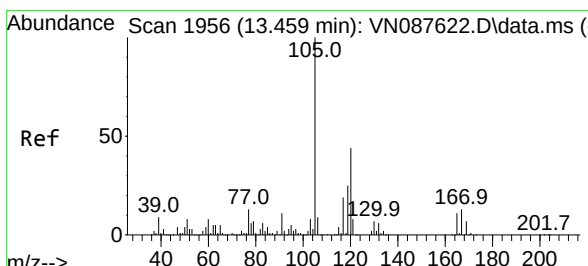
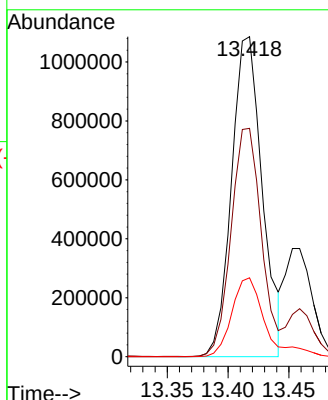
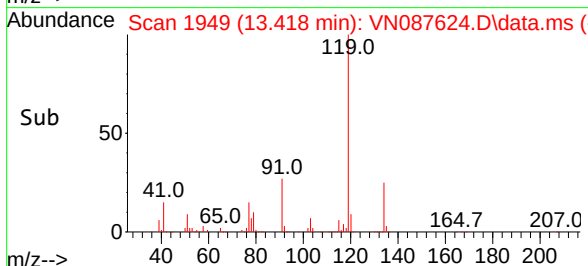
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150



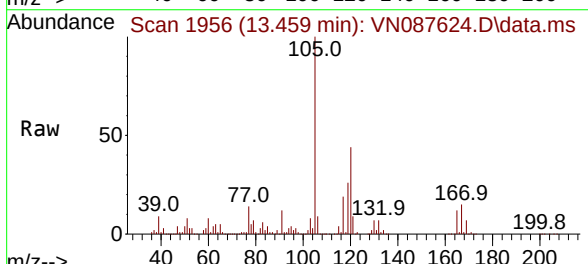
Tgt Ion:119 Resp: 190825
 Ion Ratio Lower Upper
 119 100
 91 70.1 35.0 105.0
 134 26.6 12.6 37.8

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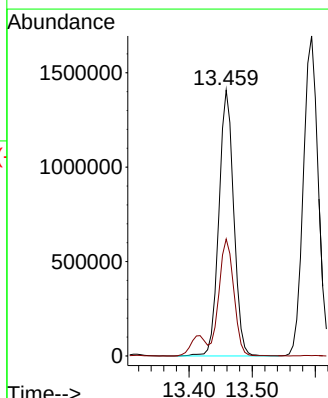
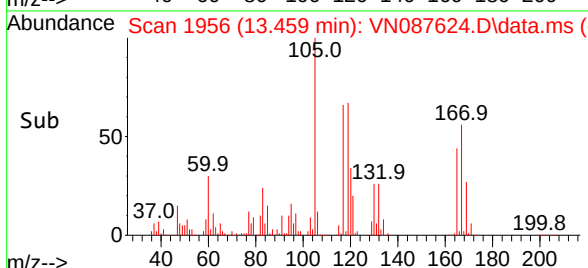
Reviewed By :John Carlone 08/22/2025
 Supervised By :Mahesh Dadoda 08/25/2025

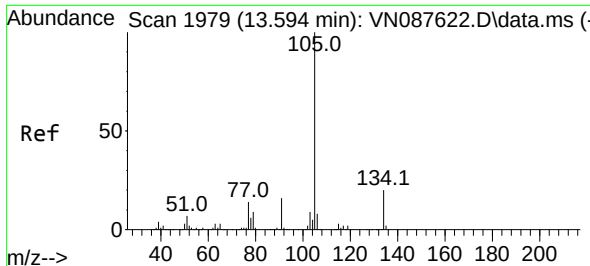


#84
 1,2,4-Trimethylbenzene
 Concen: 151.960 ug/l
 RT: 13.459 min Scan# 1956
 Delta R.T. 0.000 min
 Lab File: VN087624.D
 Acq: 21 Aug 2025 14:44



Tgt Ion:105 Resp: 2300224
 Ion Ratio Lower Upper
 105 100
 120 44.2 22.0 66.0





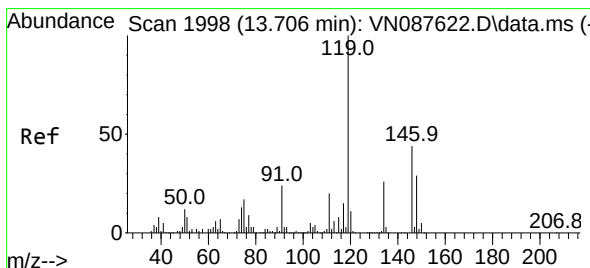
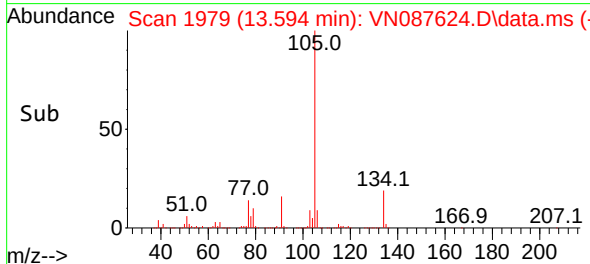
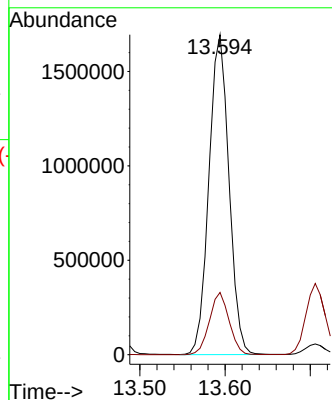
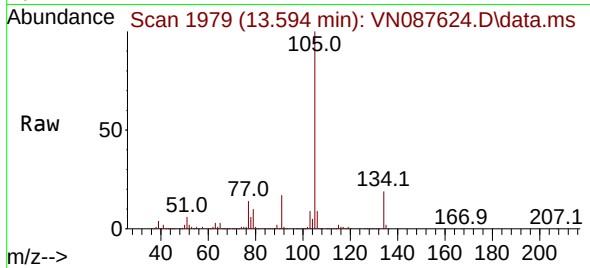
#85
 sec-Butylbenzene
 Concen: 148.408 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VN087624.D
 Acq: 21 Aug 2025 14:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tgt Ion:105 Resp: 277511
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.6 28.6

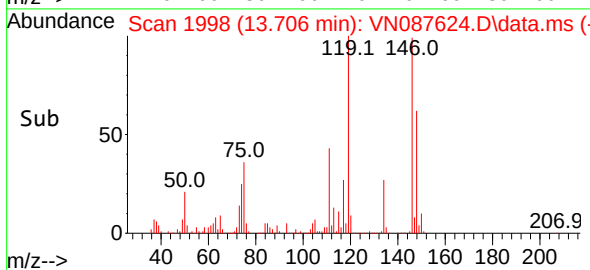
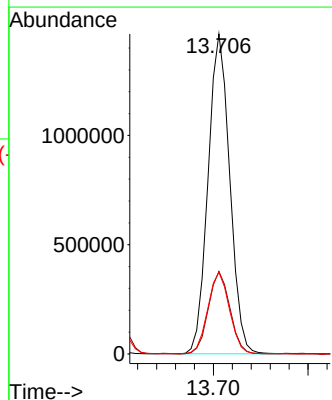
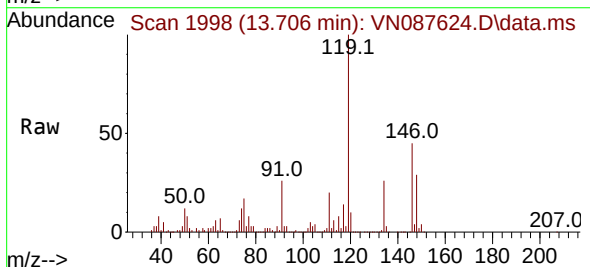
Manual Integrations
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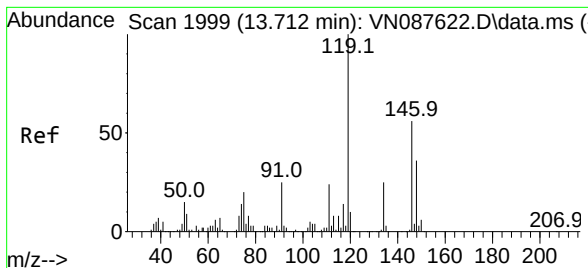
Reviewed By :John Carlone 08/22/2025
 Supervised By :Mahesh Dadoda 08/25/2025



#86
 p-Isopropyltoluene
 Concen: 150.520 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. 0.000 min
 Lab File: VN087624.D
 Acq: 21 Aug 2025 14:44

Tgt Ion:119 Resp: 2324153
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.7 38.0
 91 25.4 12.5 37.5





#87

1,3-Dichlorobenzene

Concen: 146.014 ug/l

RT: 13.712 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VN087624.D

Acq: 21 Aug 2025 14:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC150

Tgt Ion:146 Resp: 1208472

Ion Ratio Lower Upper

146 100

111 43.1 22.1 66.5

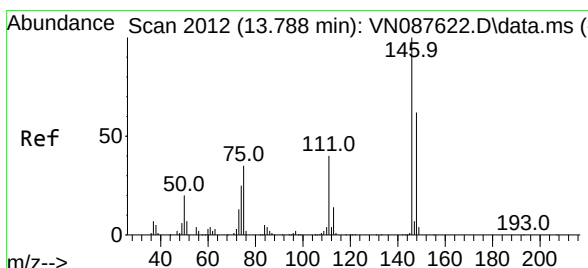
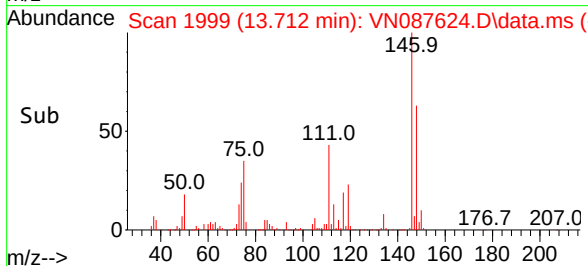
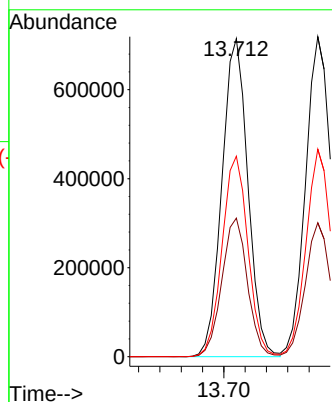
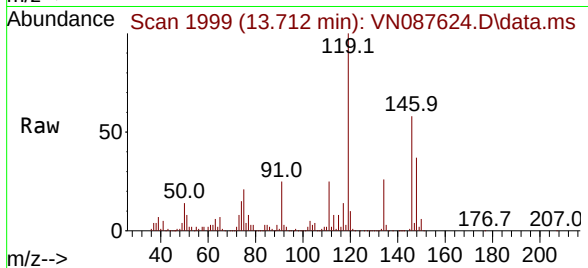
148 62.9 32.0 96.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/22/2025

Supervised By :Mahesh Dadoda 08/25/2025



#88

1,4-Dichlorobenzene

Concen: 141.456 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. 0.000 min

Lab File: VN087624.D

Acq: 21 Aug 2025 14:44

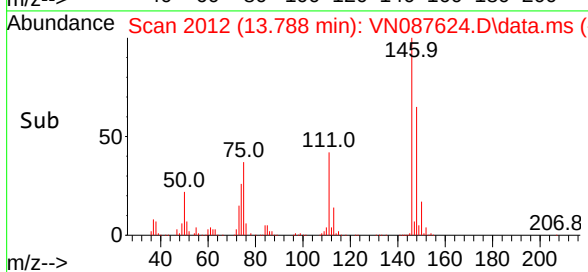
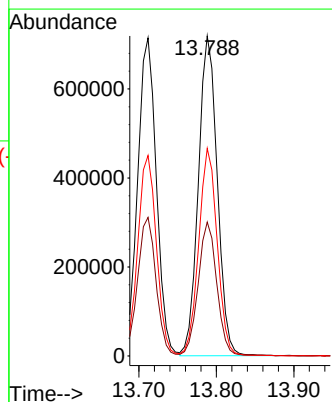
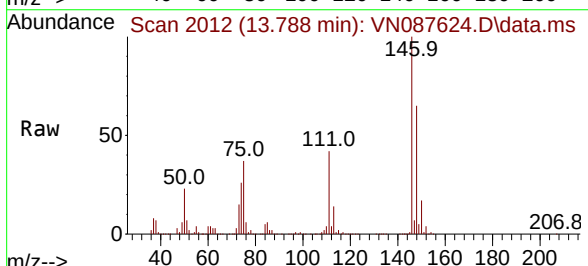
Tgt Ion:146 Resp: 1218359

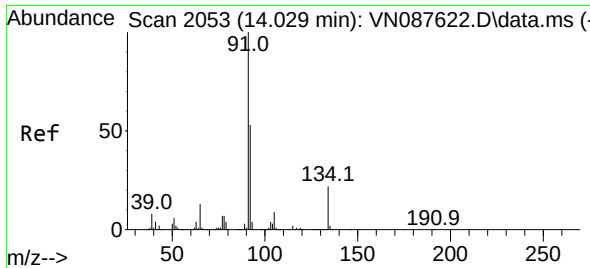
Ion Ratio Lower Upper

146 100

111 41.6 21.0 63.0

148 63.6 32.0 96.0





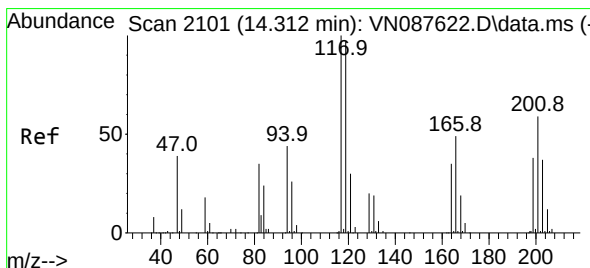
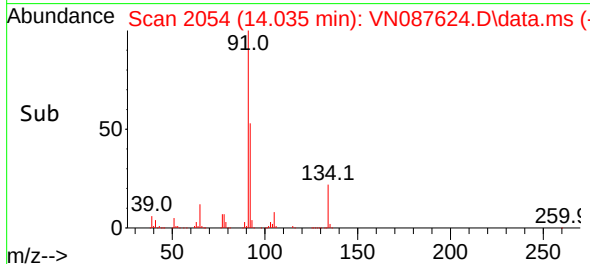
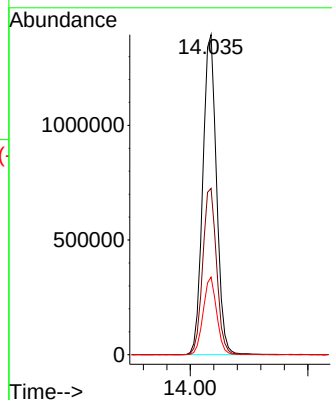
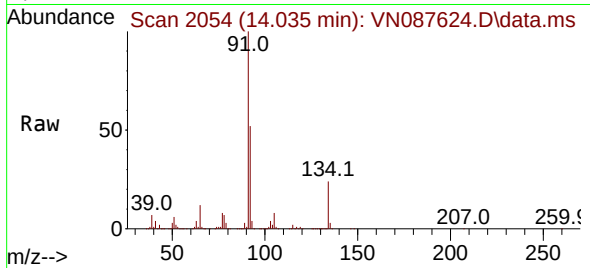
#89
n-Butylbenzene
Concen: 148.244 ug/l
RT: 14.035 min Scan# 2053
Delta R.T. 0.006 min
Lab File: VN087624.D
Acq: 21 Aug 2025 14:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion: 91 Resp: 227334
Ion Ratio Lower Upper
91 100
92 52.6 25.9 77.8
134 23.8 11.7 35.0

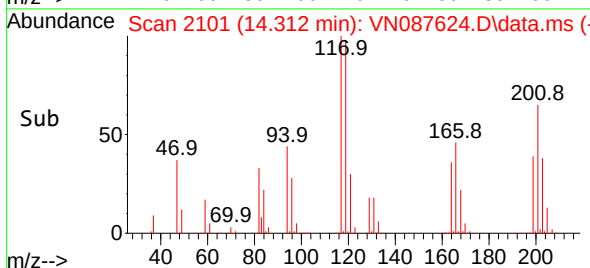
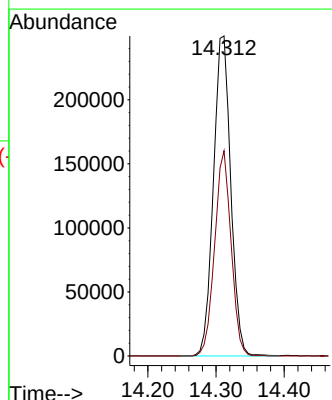
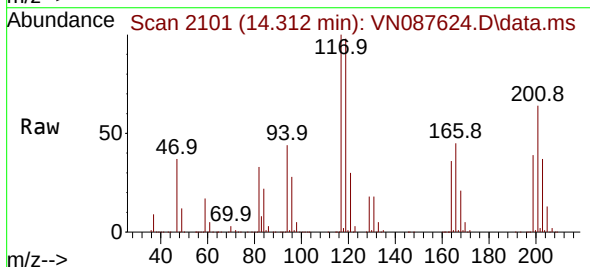
Manual Integrations
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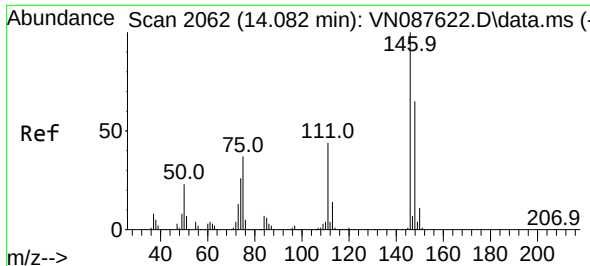
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



#90
Hexachloroethane
Concen: 150.511 ug/l
RT: 14.312 min Scan# 2101
Delta R.T. 0.000 min
Lab File: VN087624.D
Acq: 21 Aug 2025 14:44

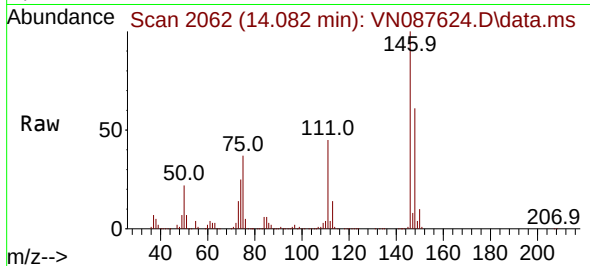
Tgt Ion:117 Resp: 442763
Ion Ratio Lower Upper
117 100
201 60.8 29.1 87.4





#91
1,2-Dichlorobenzene
Concen: 146.927 ug/l
RT: 14.082 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VN087624.D
Acq: 21 Aug 2025 14:44

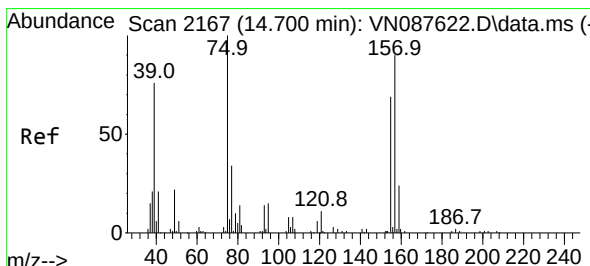
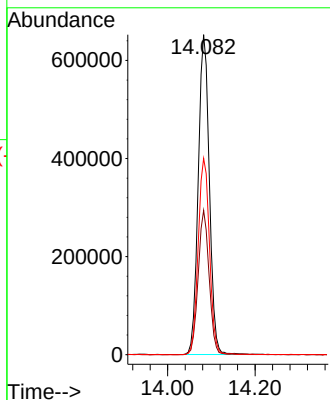
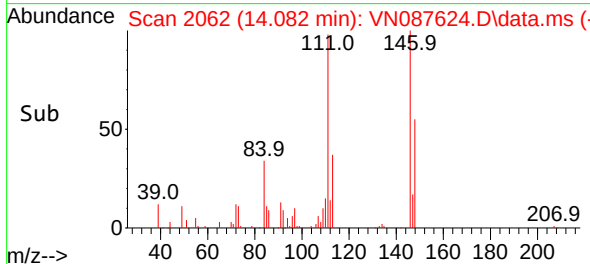
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



Tgt Ion:146 Resp: 115365
Ion Ratio Lower Upper
146 100
111 44.4 22.6 67.8
148 62.5 31.9 95.9

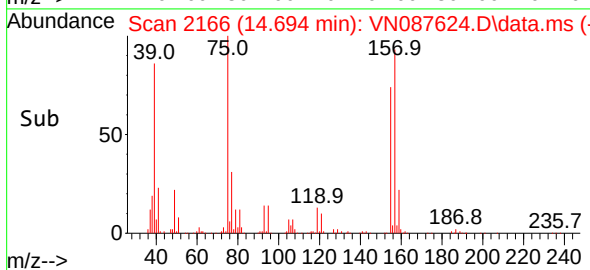
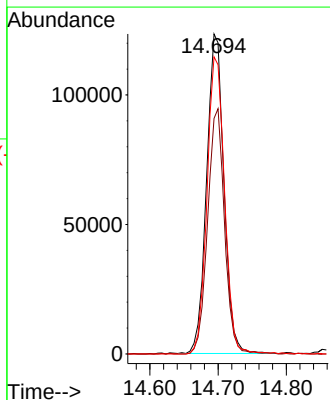
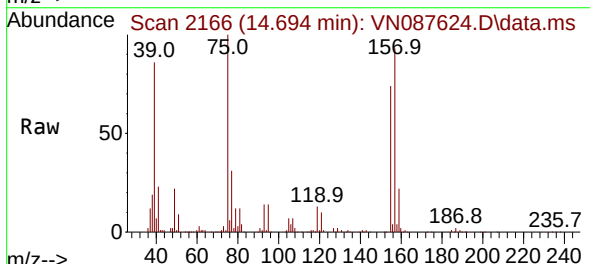
Manual Integrations
APPROVED

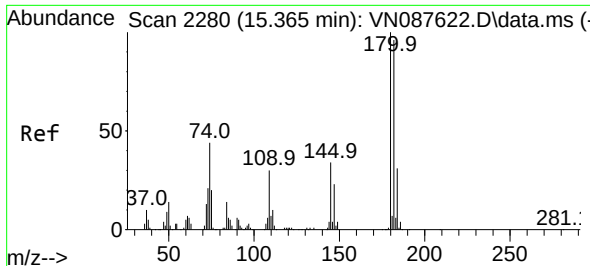
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 149.934 ug/l
RT: 14.694 min Scan# 2166
Delta R.T. -0.006 min
Lab File: VN087624.D
Acq: 21 Aug 2025 14:44

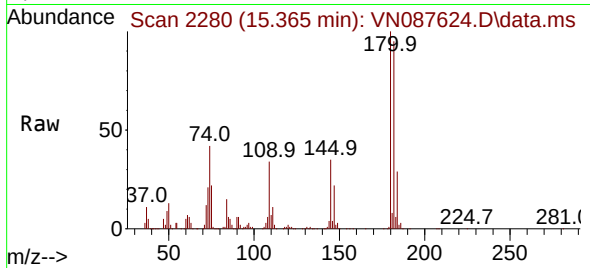
Tgt Ion: 75 Resp: 218577
Ion Ratio Lower Upper
75 100
155 75.1 36.6 109.9
157 94.4 45.6 136.9





#93
1,2,4-Trichlorobenzene
Concen: 151.432 ug/l
RT: 15.365 min Scan# 2280
Delta R.T. 0.000 min
Lab File: VN087624.D
Acq: 21 Aug 2025 14:44

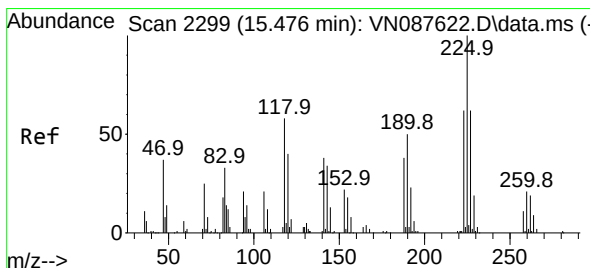
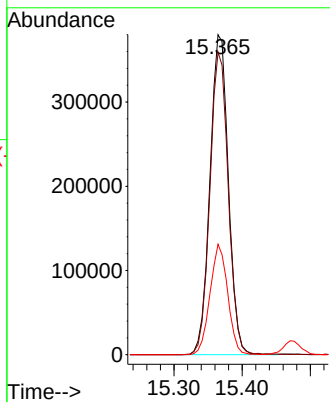
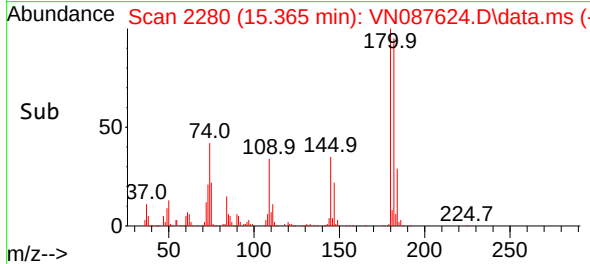
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



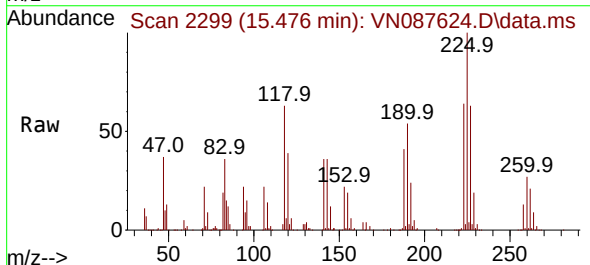
Tgt Ion:180 Resp: 714000
Ion Ratio Lower Upper
180 100
182 94.1 47.6 142.9
145 33.2 16.5 49.5

Manual Integrations
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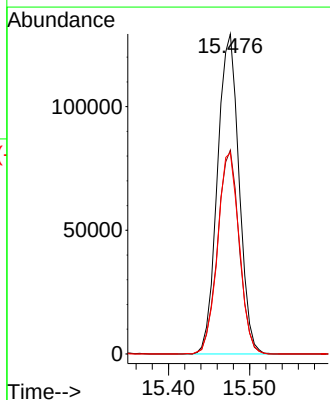
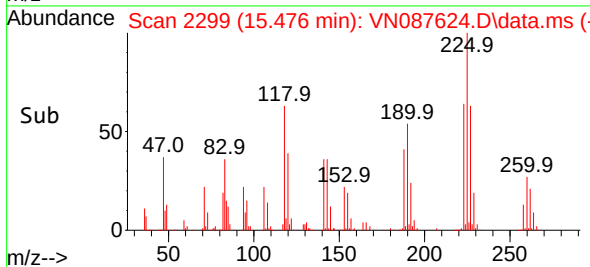
Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025

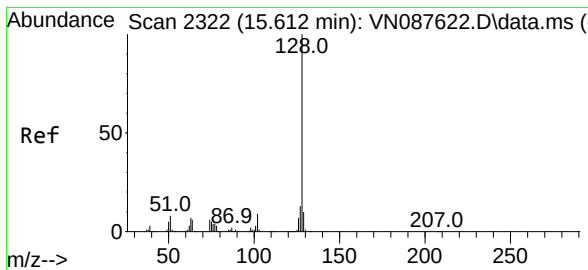


#94
Hexachlorobutadiene
Concen: 141.923 ug/l
RT: 15.476 min Scan# 2299
Delta R.T. 0.000 min
Lab File: VN087624.D
Acq: 21 Aug 2025 14:44



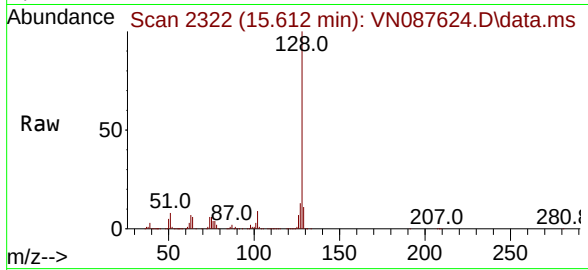
Tgt Ion:225 Resp: 238563
Ion Ratio Lower Upper
225 100
223 63.6 32.0 96.2
227 63.3 32.1 96.5





#95
Naphthalene
Concen: 162.013 ug/l
RT: 15.612 min Scan# 2322
Delta R.T. 0.000 min
Lab File: VN087624.D
Acq: 21 Aug 2025 14:44

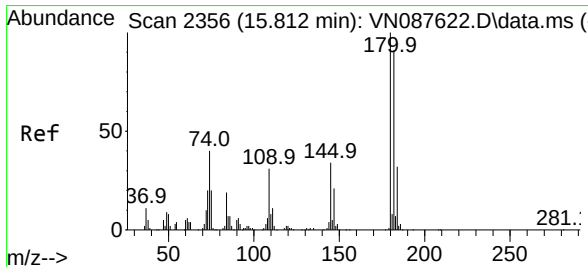
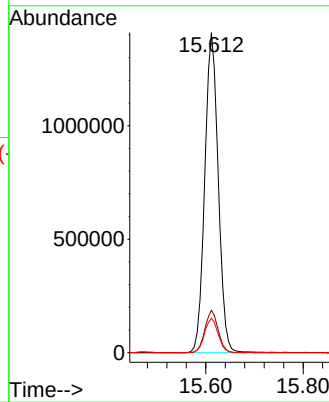
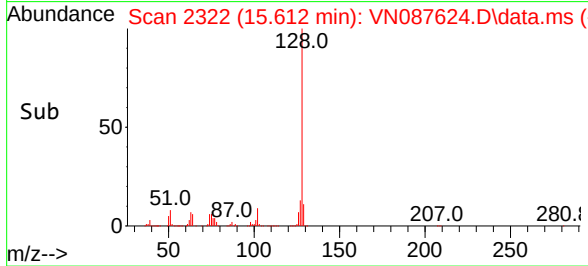
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion:128 Resp: 2705715
Ion Ratio Lower Upper
128 100
127 13.0 10.6 15.8
129 10.8 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/22/2025
Supervised By :Mahesh Dadoda 08/25/2025



#96
1,2,3-Trichlorobenzene
Concen: 153.956 ug/l
RT: 15.812 min Scan# 2356
Delta R.T. 0.000 min
Lab File: VN087624.D
Acq: 21 Aug 2025 14:44

Tgt Ion:180 Resp: 709644
Ion Ratio Lower Upper
180 100
182 93.1 46.8 140.3
145 35.1 17.3 52.0

