

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070325\
 Data File : VN087264.D
 Acq On : 03 Jul 2025 12:39
 Operator : JC\MD
 Sample : VN0703WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0703WBSD01

Manual Integrations
 APPROVED

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

Quant Time: Jul 04 01:29:06 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N063025W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 01 03:15:00 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	210099	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	355057	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	330452	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	180696	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	136187	51.647	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.300%			
35) Dibromofluoromethane	8.171	113	113318	49.844	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.680%			
50) Toluene-d8	10.565	98	422468	47.675	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 95.340%			
62) 4-Bromofluorobenzene	12.847	95	151867	48.166	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 96.340%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.153	85	41535	20.314	ug/l	99
3) Chloromethane	2.395	50	32418	19.526	ug/l	90
4) Vinyl Chloride	2.553	62	40290	19.739	ug/l	93
5) Bromomethane	3.001	94	34368	18.451	ug/l	93
6) Chloroethane	3.159	64	30842	19.076	ug/l	96
7) Trichlorofluoromethane	3.530	101	66666	18.822	ug/l	96
8) Diethyl Ether	3.989	74	21937	19.408	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.406	101	41051	19.963	ug/l	96
10) Methyl Iodide	4.618	142	38287	18.764	ug/l #	91
11) Tert butyl alcohol	5.536	59	46040	95.804	ug/l #	91
12) 1,1-Dichloroethene	4.365	96	36807	18.841	ug/l	99
13) Acrolein	4.206	56	39106	117.490	ug/l	97
14) Allyl chloride	5.053	41	45113	18.842	ug/l	97
15) Acrylonitrile	5.736	53	111296	93.026	ug/l	99
16) Acetone	4.447	43	104974	104.129	ug/l	97
17) Carbon Disulfide	4.742	76	103782	17.706	ug/l	99
18) Methyl Acetate	5.042	43	46439	20.122	ug/l	97
19) Methyl tert-butyl Ether	5.812	73	130631	19.079	ug/l	100
20) Methylene Chloride	5.294	84	44083	19.740	ug/l	98
21) trans-1,2-Dichloroethene	5.818	96	42060	17.817	ug/l	99
22) Diisopropyl ether	6.683	45	103973	18.138	ug/l	93
23) Vinyl Acetate	6.618	43	486322	91.732	ug/l	98
24) 1,1-Dichloroethane	6.583	63	70478	18.765	ug/l	97
25) 2-Butanone	7.488	43	154680	98.182	ug/l	97
26) 2,2-Dichloropropane	7.500	77	66432	18.484	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	50197	18.413	ug/l	98
28) Bromochloromethane	7.824	49	31784	19.172	ug/l	100
29) Tetrahydrofuran	7.847	42	95275	93.848	ug/l	99
30) Chloroform	7.971	83	78344	18.819	ug/l	97
31) Cyclohexane	8.265	56	59609	16.599	ug/l	94
32) 1,1,1-Trichloroethane	8.177	97	71858	18.535	ug/l	98
36) 1,1-Dichloropropene	8.377	75	52396	16.948	ug/l	98
37) Ethyl Acetate	7.565	43	58229	17.521	ug/l	99
38) Carbon Tetrachloride	8.371	117	63285	18.065	ug/l	98
39) Methylcyclohexane	9.606	83	59883	16.265	ug/l	97
40) Benzene	8.612	78	167144	17.451	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	28992	18.245	ug/l	97
42) 1,2-Dichloroethane	8.677	62	62235	19.538	ug/l	99
43) Isopropyl Acetate	8.688	43	94419	18.319	ug/l	99
44) Trichloroethene	9.359	130	44156	17.349	ug/l	92
45) 1,2-Dichloropropane	9.618	63	38607	18.487	ug/l #	88
46) Dibromomethane	9.712	93	32430	18.254	ug/l	98
47) Bromodichloromethane	9.888	83	62744	18.518	ug/l	99
48) Methyl methacrylate	9.688	41	38570	17.756	ug/l	99
49) 1,4-Dioxane	9.700	88	15767	359.376	ug/l #	88
51) 4-Methyl-2-Pentanone	10.447	43	283771	89.986	ug/l	97
52) Toluene	10.629	92	112018	17.833	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	67202	18.491	ug/l	90
54) cis-1,3-Dichloropropene	10.312	75	66889	18.065	ug/l	95
55) 1,1,2-Trichloroethane	11.018	97	45533	19.188	ug/l	96
56) Ethyl methacrylate	10.882	69	56144	16.149	ug/l	97
57) 1,3-Dichloropropane	11.159	76	70765	18.272	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.159	63	158022	86.003	ug/l	99
59) 2-Hexanone	11.206	43	214405m	94.917	ug/l	
60) Dibromochloromethane	11.359	129	53060	18.969	ug/l	97
61) 1,2-Dibromoethane	11.471	107	47588	18.644	ug/l	100
64) Tetrachloroethene	11.100	164	39540	17.946	ug/l	92
65) Chlorobenzene	11.888	112	132592	17.882	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.959	131	47121	18.404	ug/l	97
67) Ethyl Benzene	11.959	91	205180	17.101	ug/l	97
68) m/p-Xylenes	12.070	106	162853	33.972	ug/l	100
69) o-Xylene	12.394	106	76367	17.030	ug/l	97
70) Styrene	12.406	104	131670	17.278	ug/l	99
71) Bromoform	12.582	173	37933	19.204	ug/l #	99
73) Isopropylbenzene	12.694	105	197201	16.937	ug/l	100
74) N-amyl acetate	12.547	43	67800m	17.708	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.935	83	70818	18.492	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	67340m	19.593	ug/l	
77) Bromobenzene	12.976	156	55144	18.144	ug/l	99
78) n-propylbenzene	13.035	91	237670	16.899	ug/l	98
79) 2-Chlorotoluene	13.123	91	140009	16.728	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	168553	17.320	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	22934	15.674	ug/l	95
82) 4-Chlorotoluene	13.217	91	145027	16.552	ug/l	98
83) tert-Butylbenzene	13.435	119	140811	16.515	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	169493	17.386	ug/l	99
85) sec-Butylbenzene	13.612	105	202383	16.745	ug/l	99
86) p-Isopropyltoluene	13.729	119	173754	16.725	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	108186	17.874	ug/l	97
88) 1,4-Dichlorobenzene	13.812	146	108699	17.200	ug/l	98
89) n-Butylbenzene	14.053	91	151104	16.520	ug/l	98
90) Hexachloroethane	14.335	117	33756	17.555	ug/l	95
91) 1,2-Dichlorobenzene	14.106	146	98246	17.356	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	16109	17.503	ug/l	97
93) 1,2,4-Trichlorobenzene	15.388	180	56881	16.992	ug/l	98
94) Hexachlorobutadiene	15.500	225	17062	16.046	ug/l	100
95) Naphthalene	15.635	128	191880	16.568	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	56459	17.312	ug/l	96

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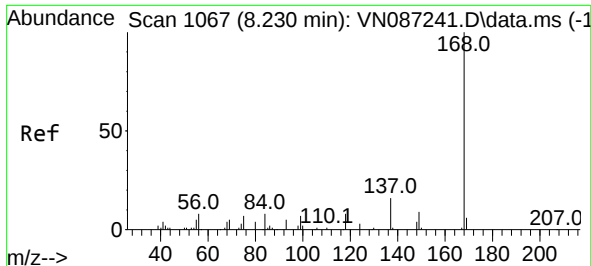
Manual Integrations
APPROVED

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Quant Title : SW846 8260
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Response via : Initial Calibration

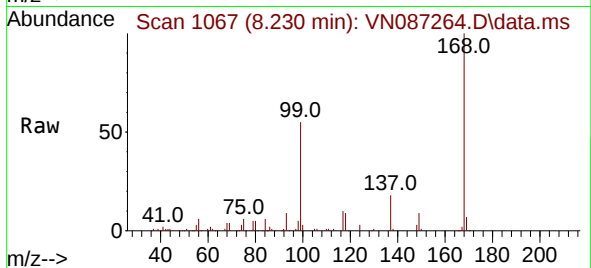
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN087264.D
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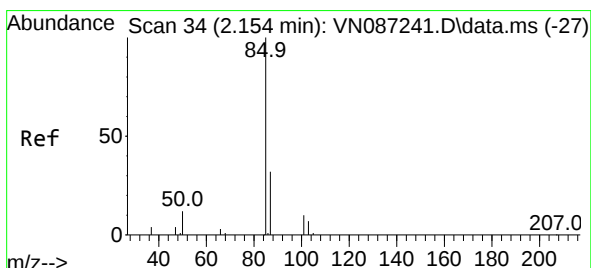
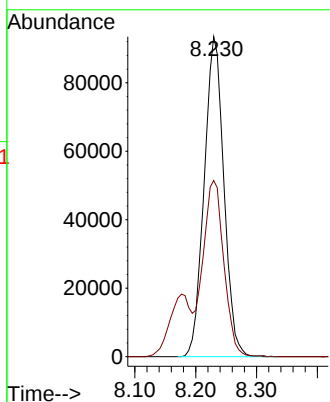
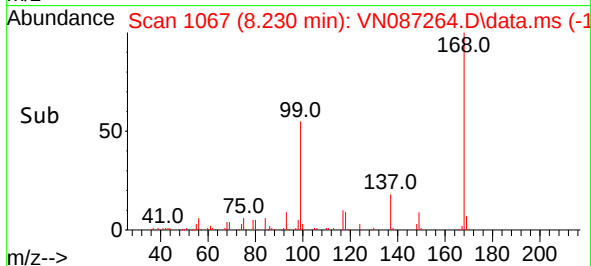
Instrument :
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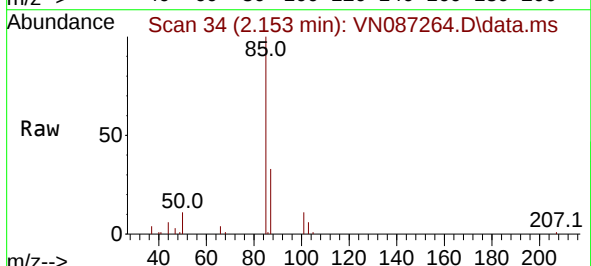
Tgt Ion:168 Resp: 210099
Ion Ratio Lower Upper
168 100
99 55.1 42.6 64.0

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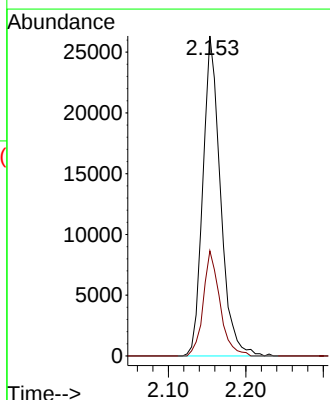
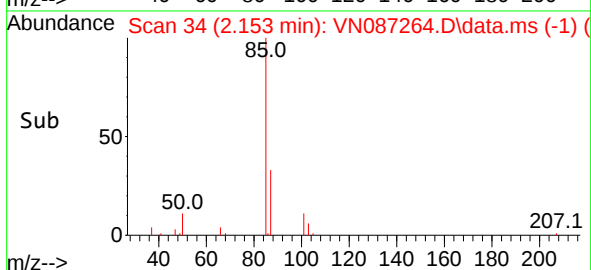
Reviewed By :John Carlone 07/07/2025
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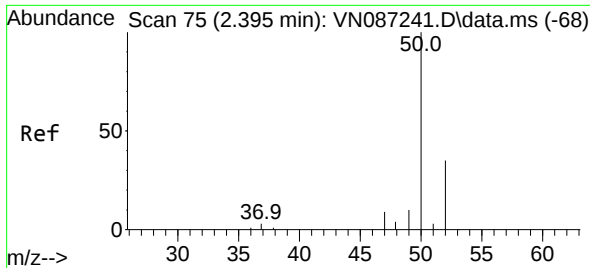


#2
Dichlorodifluoromethane
Concen: 20.314 ug/l
RT: 2.153 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN087264.D
Acq: 03 Jul 2025 12:39



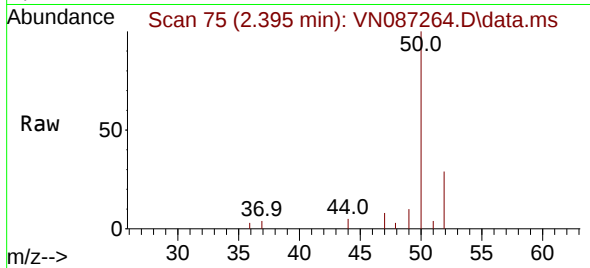
Tgt Ion: 85 Resp: 41535
Ion Ratio Lower Upper
85 100
87 32.9 16.1 48.3





#3
Chloromethane
Concen: 19.526 ug/l
RT: 2.395 min Scan# 75
Delta R.T. -0.000 min
Lab File: VN087264.D
Acq: 03 Jul 2025 12:39

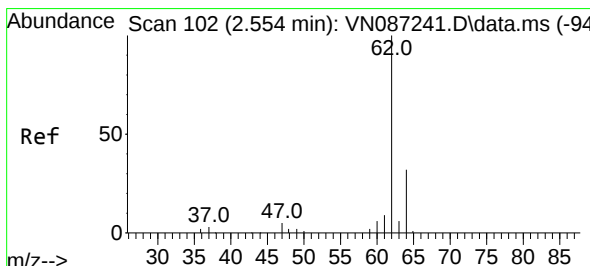
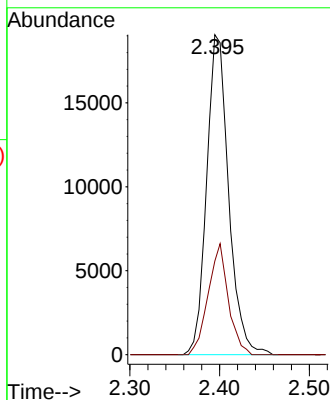
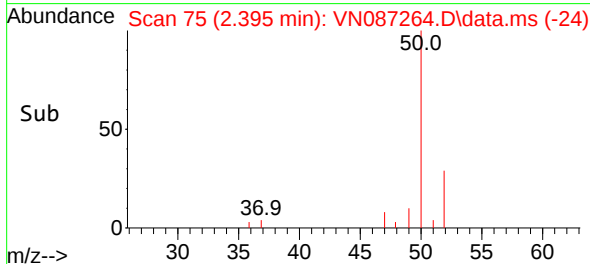
Instrument :
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Tgt Ion: 50 Resp: 32418
Ion Ratio Lower Upper
50 100
52 29.2 27.8 41.8

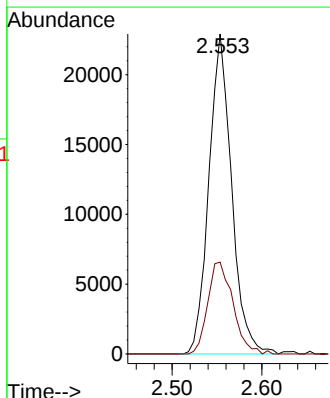
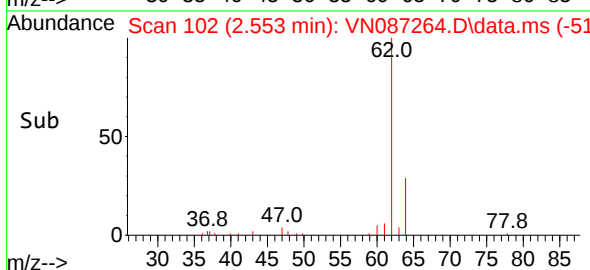
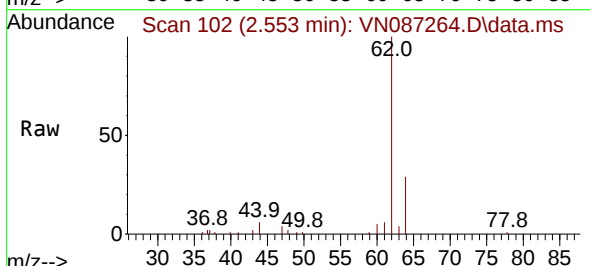
Manual Integrations
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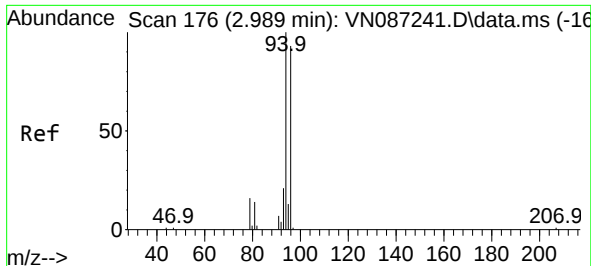
Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025



#4
Vinyl Chloride
Concen: 19.739 ug/l
RT: 2.553 min Scan# 102
Delta R.T. -0.000 min
Lab File: VN087264.D
Acq: 03 Jul 2025 12:39

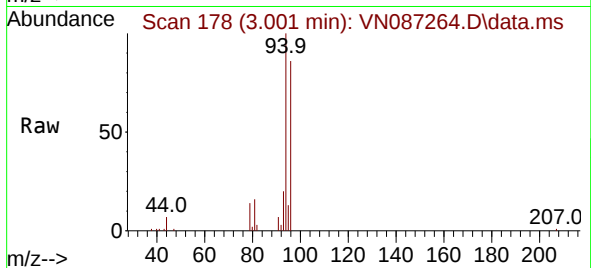
Tgt Ion: 62 Resp: 40290
Ion Ratio Lower Upper
62 100
64 28.7 26.0 39.0





#5
Bromomethane
Concen: 18.451 ug/l
RT: 3.001 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN087264.D
Acq: 03 Jul 2025 12:39

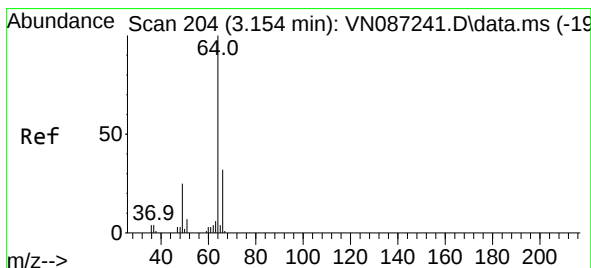
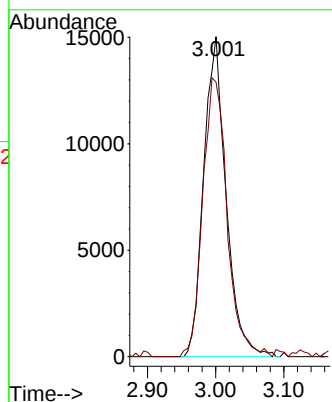
Instrument :
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Tgt Ion: 94 Resp: 3436
Ion Ratio Lower Upper
94 100
96 85.8 74.3 111.5

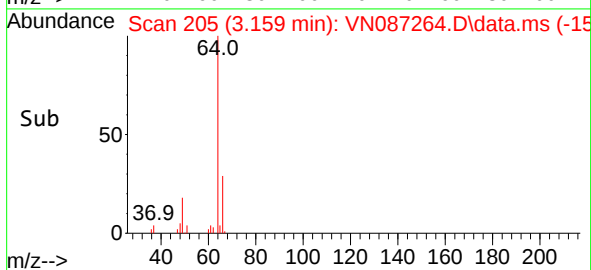
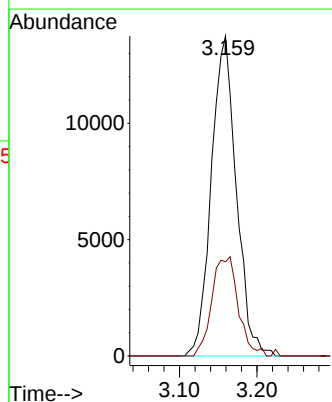
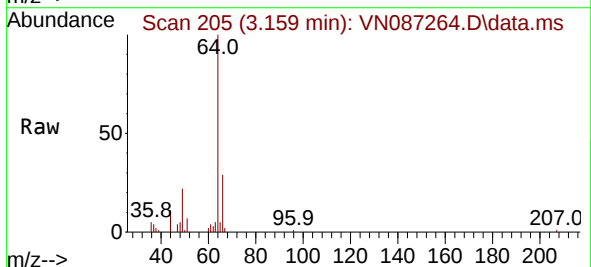
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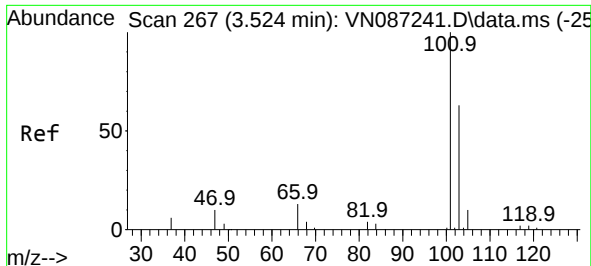
Reviewed By :John Carlone 07/07/2025
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#6
Chloroethane
Concen: 19.076 ug/l
RT: 3.159 min Scan# 205
Delta R.T. 0.006 min
Lab File: VN087264.D
Acq: 03 Jul 2025 12:39

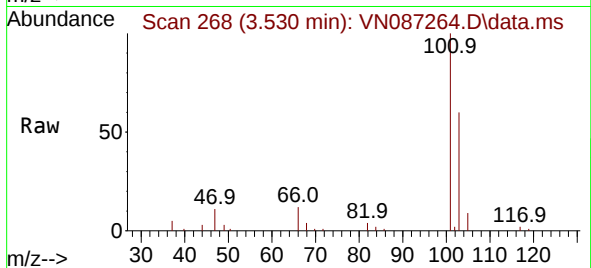
Tgt Ion: 64 Resp: 30842
Ion Ratio Lower Upper
64 100
66 29.4 25.3 37.9





#7
 Trichlorofluoromethane
 Concen: 18.822 ug/l
 RT: 3.530 min Scan# 267
 Delta R.T. 0.006 min
 Lab File: VN087264.D
 Acq: 03 Jul 2025 12:39

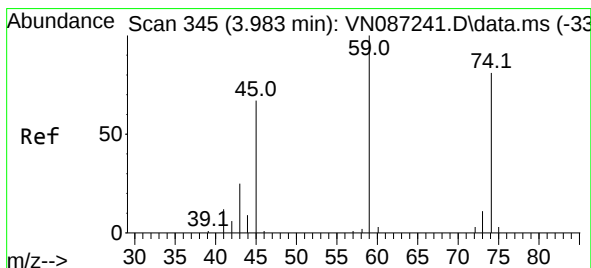
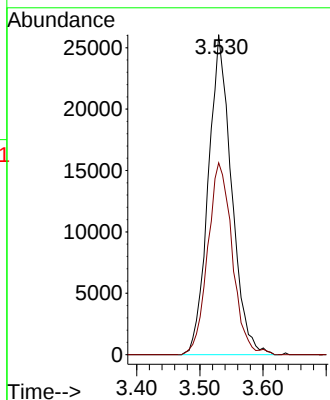
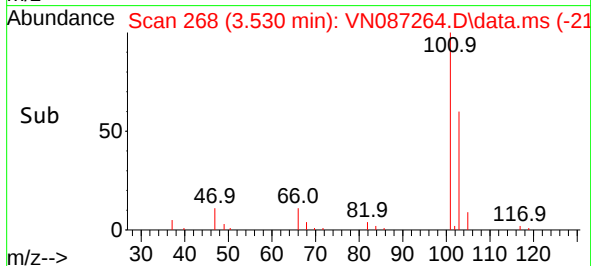
Instrument :
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 VN0703WBSD01



Tgt Ion:101 Resp: 6666
 Ion Ratio Lower Upper
 101 100
 103 59.9 50.5 75.7

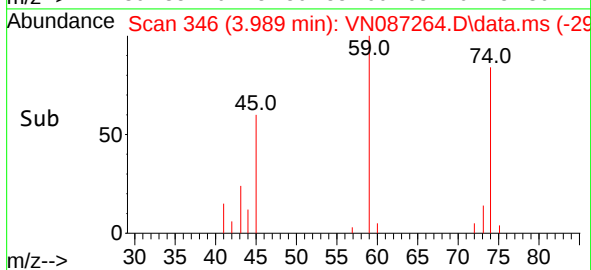
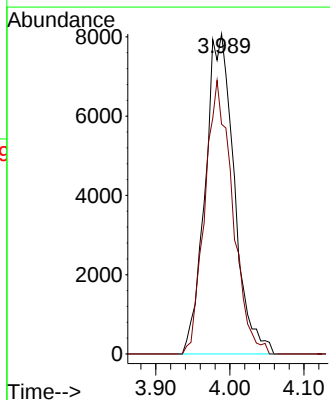
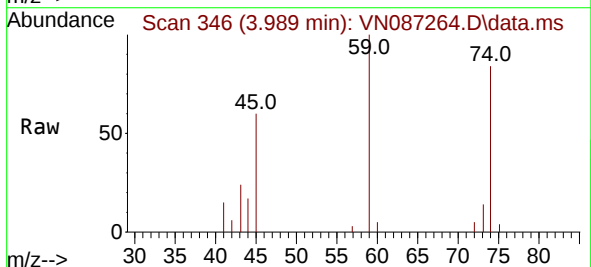
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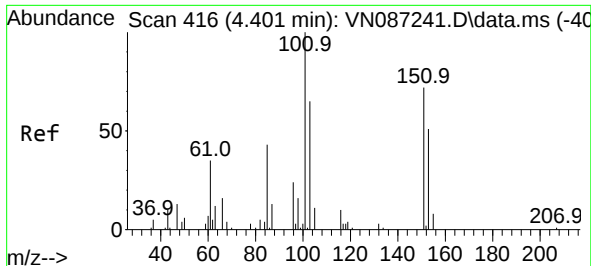
Reviewed By :John Carlone 07/07/2025
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#8
 Diethyl Ether
 Concen: 19.408 ug/l
 RT: 3.989 min Scan# 346
 Delta R.T. 0.006 min
 Lab File: VN087264.D
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Tgt Ion: 74 Resp: 21937
 Ion Ratio Lower Upper
 74 100
 45 81.8 39.4 118.1





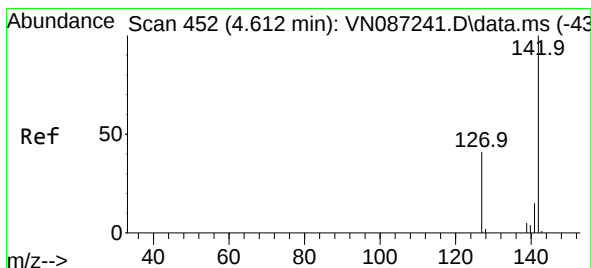
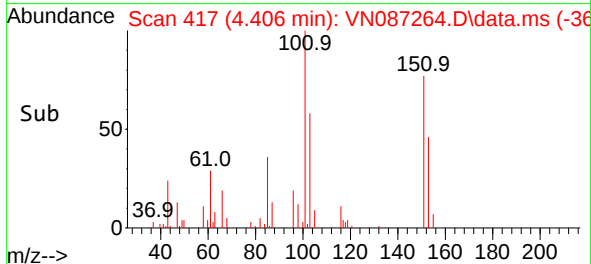
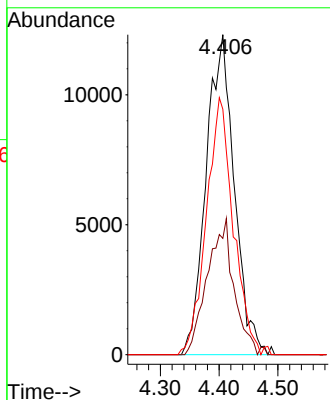
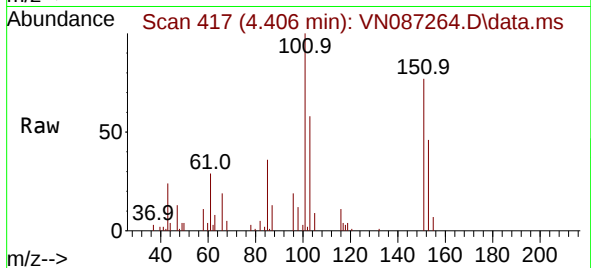
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.963 ug/l
RT: 4.406 min Scan# 416
Delta R.T. 0.006 min
Lab File: VN087264.D
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ClientSampleId :
VN0703WBSD01

Tgt Ion:101 Resp: 4105
Ion Ratio Lower Upper
101 100
85 39.9 34.4 51.6
151 76.6 63.8 95.8

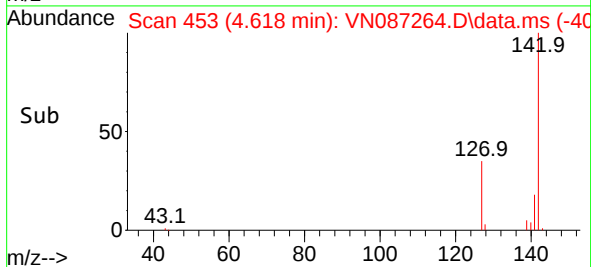
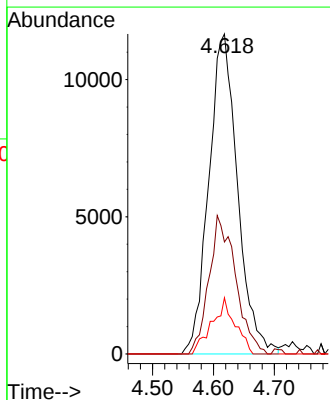
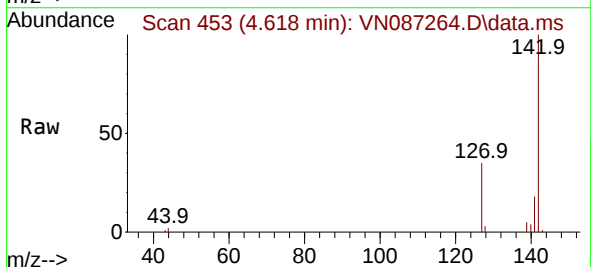
Manual Integrations
APPROVED

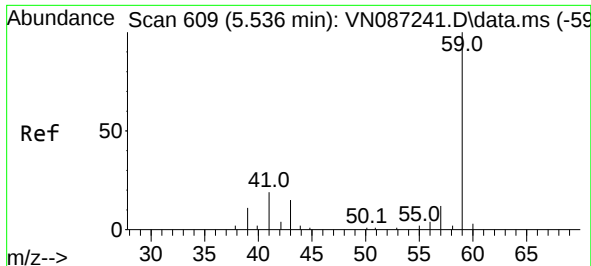
Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025



#10
Methyl Iodide
Concen: 18.764 ug/l
RT: 4.618 min Scan# 453
Delta R.T. 0.006 min
Lab File: VN087264.D
Acq: 03 Jul 2025 12:39

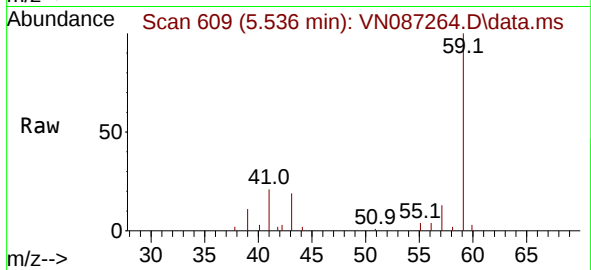
Tgt Ion:142 Resp: 38287
Ion Ratio Lower Upper
142 100
127 35.0 32.8 49.2
141 17.6 11.6 17.4#





#11
Tert butyl alcohol
Concen: 95.804 ug/l
RT: 5.536 min Scan# 609
Delta R.T. -0.000 min
Lab File: VN087264.D
Acq: 03 Jul 2025 12:39

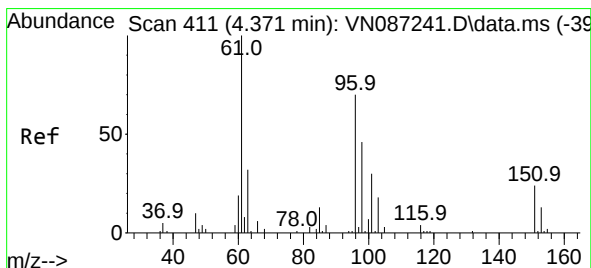
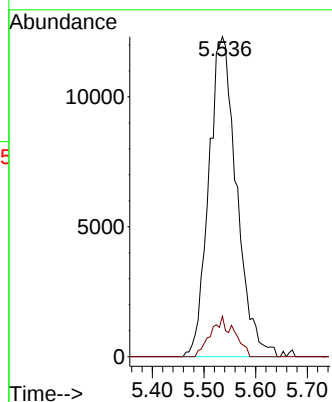
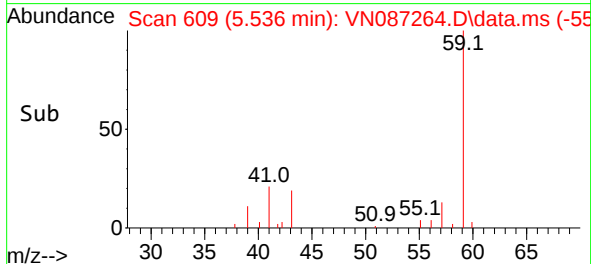
Instrument :
MSVOA_N
ClientSampleId :
VN0703WBSD01



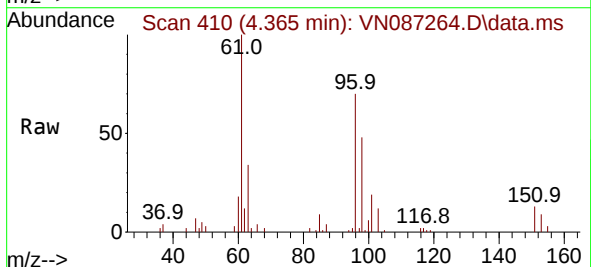
Tgt Ion: 59 Resp: 46040
Ion Ratio Lower Upper
59 100
57 7.3 8.6 12.8

Manual Integrations
APPROVED

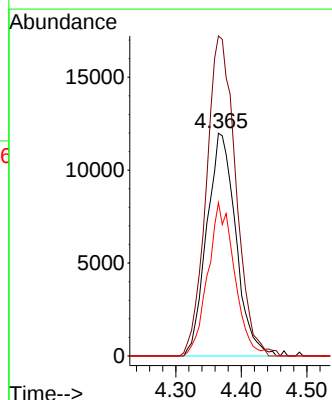
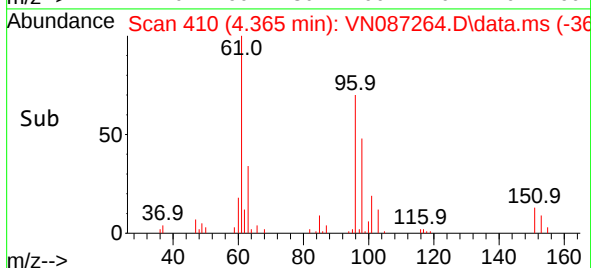
Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025

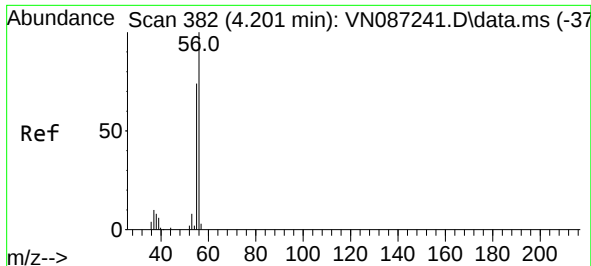


#12
1,1-Dichloroethene
Concen: 18.841 ug/l
RT: 4.365 min Scan# 410
Delta R.T. -0.006 min
Lab File: VN087264.D
Acq: 03 Jul 2025 12:39



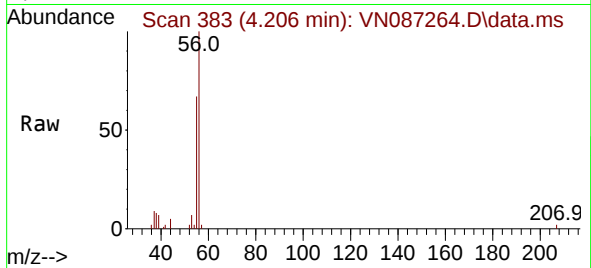
Tgt Ion: 96 Resp: 36807
Ion Ratio Lower Upper
96 100
61 143.6 114.4 171.6
98 68.8 53.0 79.6





#13
Acrolein
Concen: 117.490 ug/l
RT: 4.206 min Scan# 382
Delta R.T. 0.006 min
Lab File: VN087264.D
Acq: 03 Jul 2025 12:39

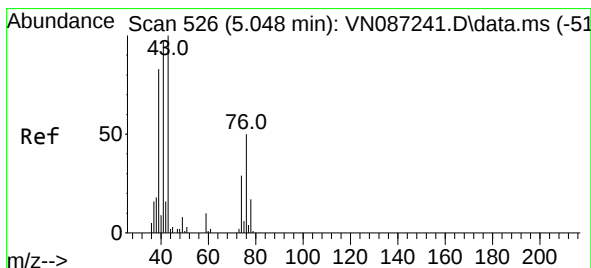
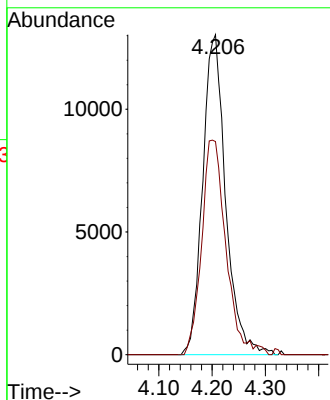
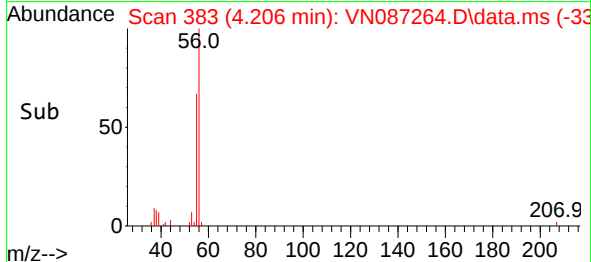
Instrument :
MSVOA_N
ClientSampleId :
VN0703WBSD01



Tgt Ion: 56 Resp: 39100
Ion Ratio Lower Upper
56 100
55 70.8 58.6 88.0

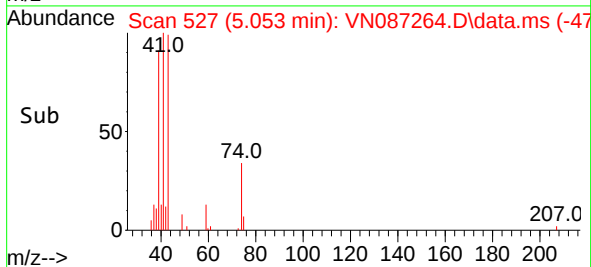
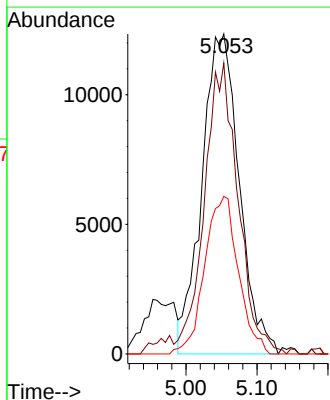
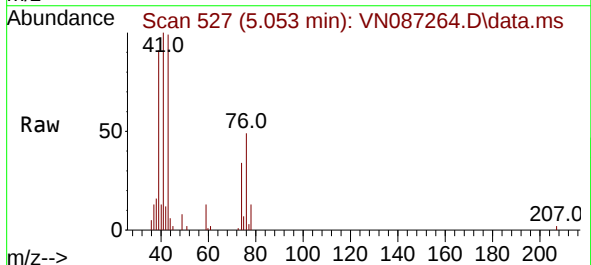
Manual Integrations
APPROVED

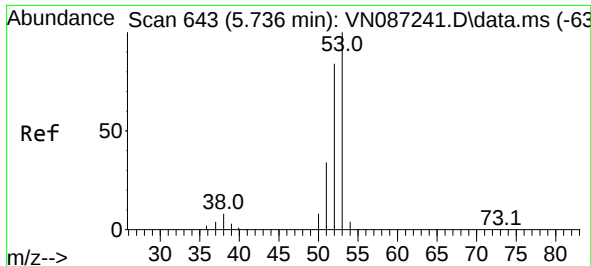
Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025



#14
Allyl chloride
Concen: 18.842 ug/l
RT: 5.053 min Scan# 527
Delta R.T. 0.006 min
Lab File: VN087264.D
Acq: 03 Jul 2025 12:39

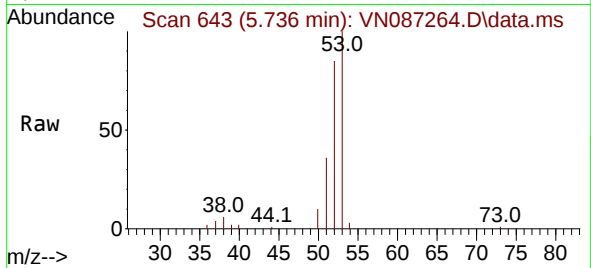
Tgt Ion: 41 Resp: 45113
Ion Ratio Lower Upper
41 100
39 82.0 66.3 99.5
76 44.4 38.6 58.0





#15
Acrylonitrile
Concen: 93.026 ug/l
RT: 5.736 min Scan# 643
Delta R.T. -0.000 min
Lab File: VN087264.D
Acq: 03 Jul 2025 12:39

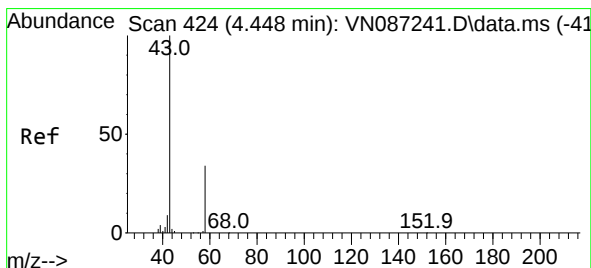
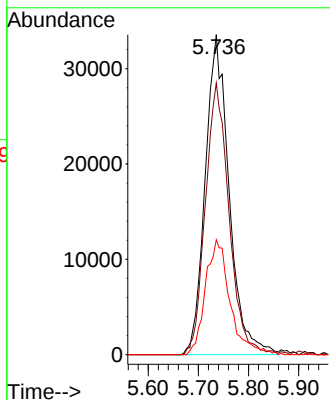
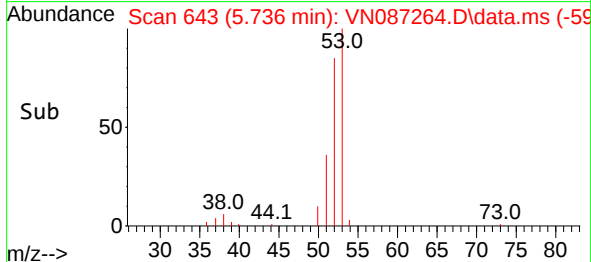
Instrument :
MSVOA_N
ClientSampleId :
VN0703WBSD01



Tgt Ion: 53 Resp: 111290
Ion Ratio Lower Upper
53 100
52 84.0 66.5 99.7
51 37.0 29.1 43.7

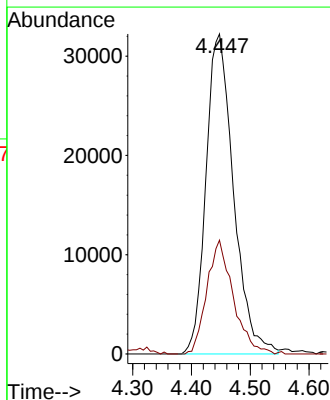
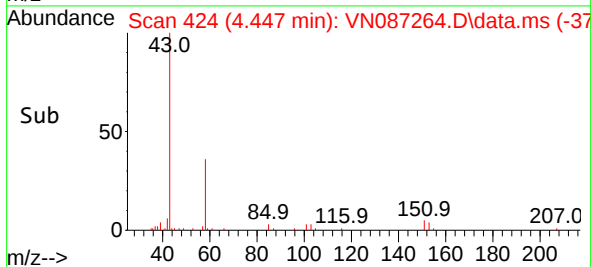
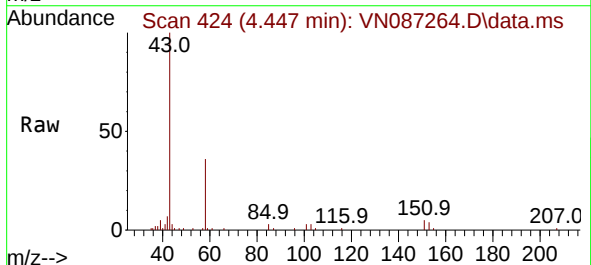
Manual Integrations
APPROVED

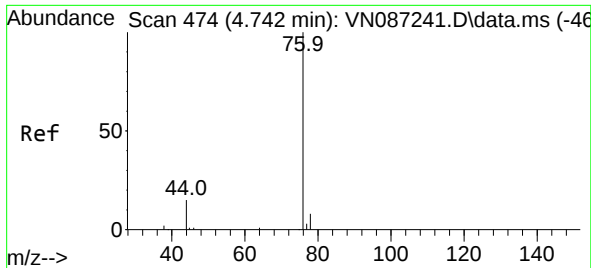
Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025



#16
Acetone
Concen: 104.129 ug/l
RT: 4.447 min Scan# 424
Delta R.T. -0.000 min
Lab File: VN087264.D
Acq: 03 Jul 2025 12:39

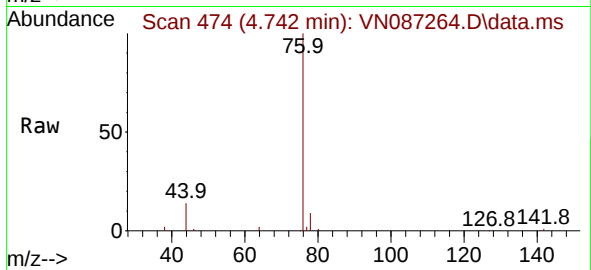
Tgt Ion: 43 Resp: 104974
Ion Ratio Lower Upper
43 100
58 35.5 27.1 40.7





#17
Carbon Disulfide
Concen: 17.706 ug/l
RT: 4.742 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN087264.D
Acq: 03 Jul 2025 12:39

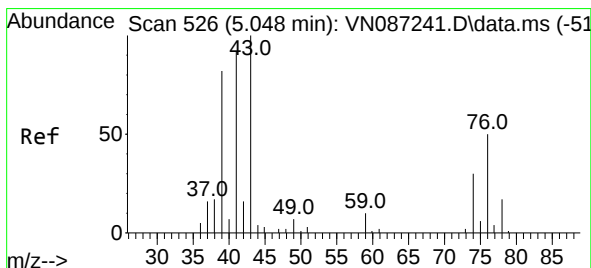
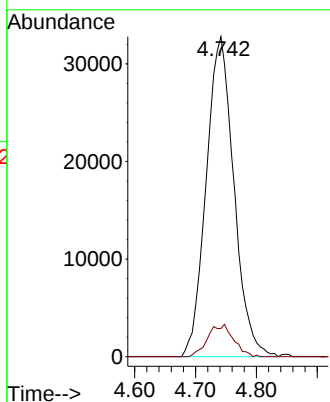
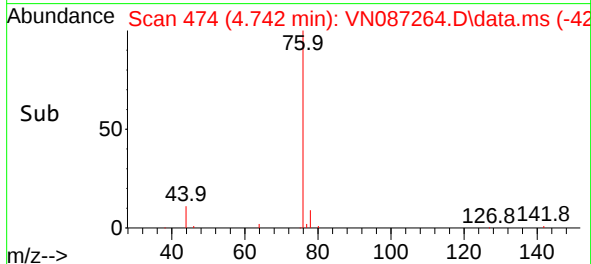
Instrument :
MSVOA_N
ClientSampleId :
VN0703WBSD01



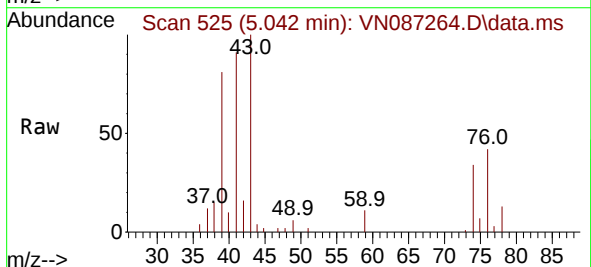
Tgt Ion: 76 Resp: 10378
Ion Ratio Lower Upper
76 100
78 8.8 6.8 10.2

Manual Integrations
APPROVED

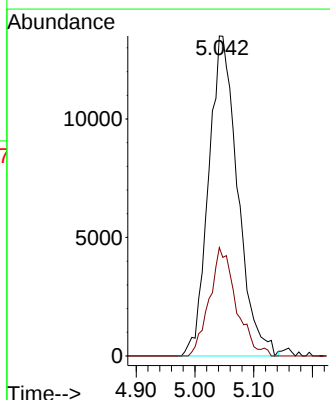
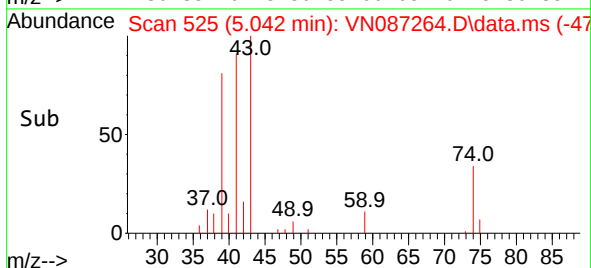
Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025

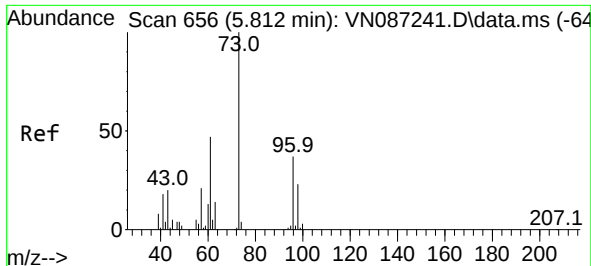


#18
Methyl Acetate
Concen: 20.122 ug/l
RT: 5.042 min Scan# 525
Delta R.T. -0.006 min
Lab File: VN087264.D
Acq: 03 Jul 2025 12:39



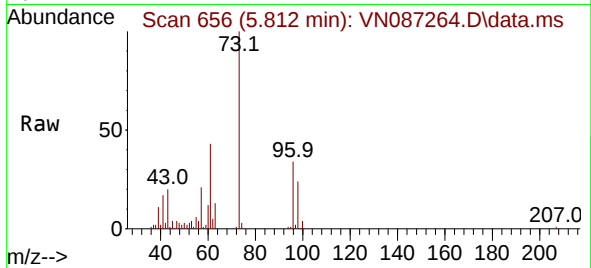
Tgt Ion: 43 Resp: 46439
Ion Ratio Lower Upper
43 100
74 31.2 23.8 35.6





#19
Methyl tert-butyl Ether
Concen: 19.079 ug/l
RT: 5.812 min Scan# 656
Delta R.T. -0.000 min
Lab File: VN087264.D
Acq: 03 Jul 2025 12:39

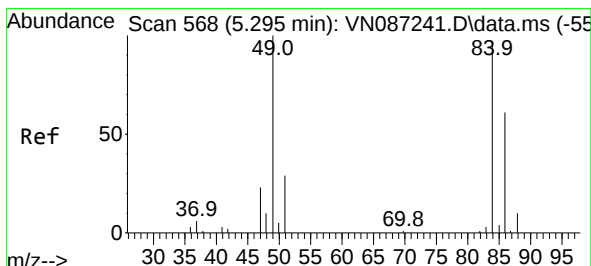
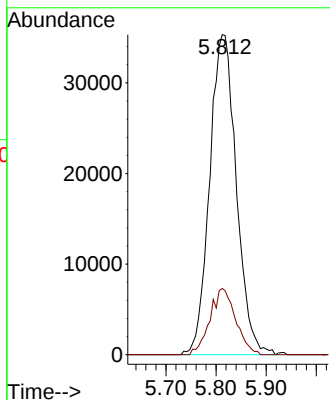
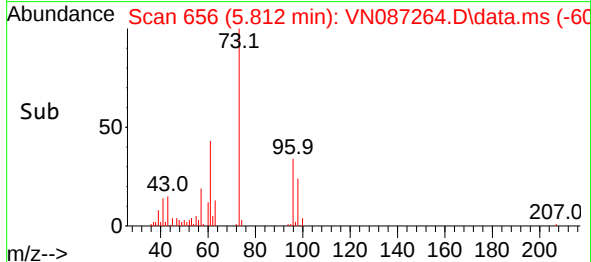
Instrument :
MSVOA_N
ClientSampleId :
VN0703WBSD01



Tgt Ion: 73 Resp: 13063
Ion Ratio Lower Upper
73 100
57 20.7 16.7 25.1

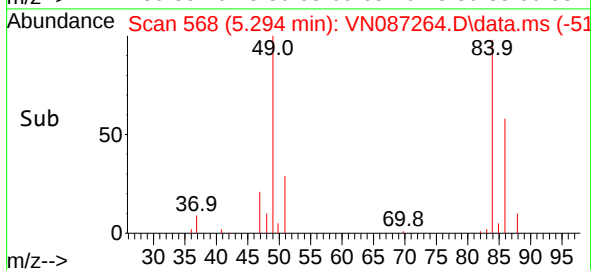
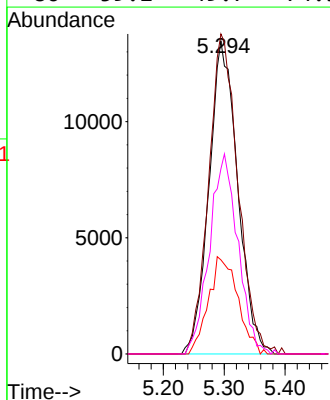
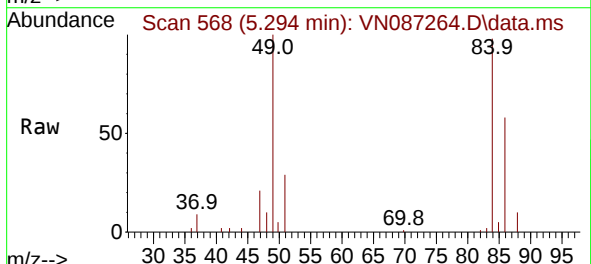
Manual Integrations
APPROVED

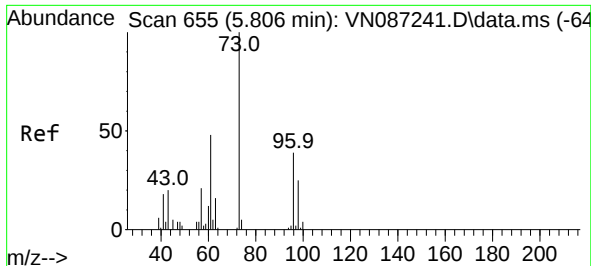
Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025



#20
Methylene Chloride
Concen: 19.740 ug/l
RT: 5.294 min Scan# 568
Delta R.T. -0.000 min
Lab File: VN087264.D
Acq: 03 Jul 2025 12:39

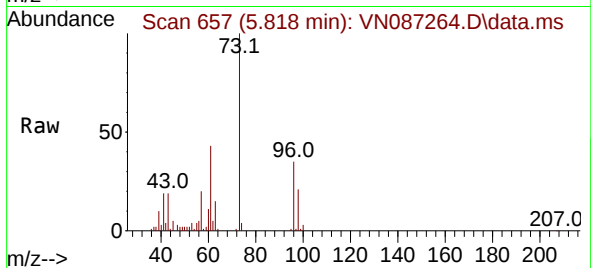
Tgt Ion: 84 Resp: 44083
Ion Ratio Lower Upper
84 100
49 102.3 82.1 123.1
51 30.1 23.5 35.3
86 59.2 49.7 74.5





#21
trans-1,2-Dichloroethene
Concen: 17.817 ug/l
RT: 5.818 min Scan# 61
Delta R.T. 0.012 min
Lab File: VN087264.D
Acq: 03 Jul 2025 12:39

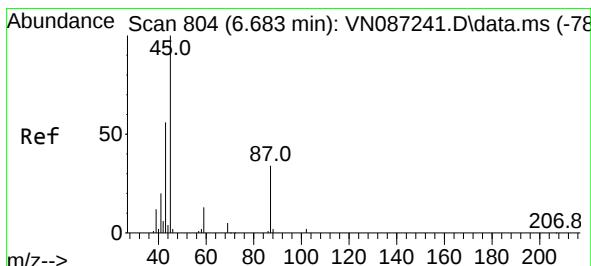
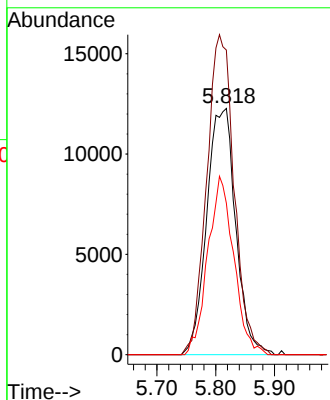
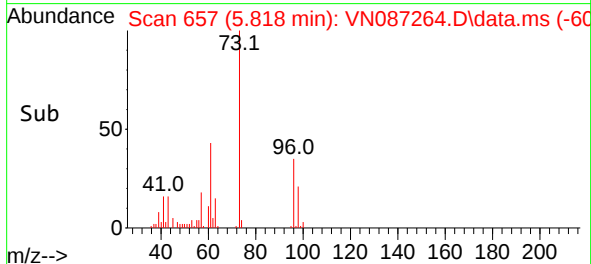
Instrument :
MSVOA_N
ClientSampleId :
VN0703WBSD01



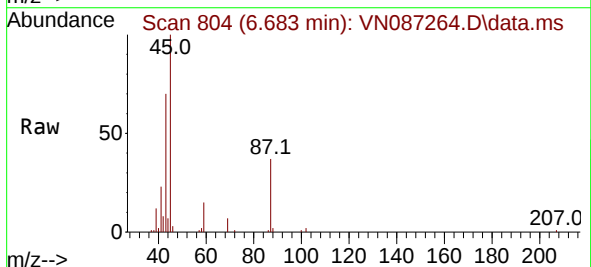
Tgt Ion: 96 Resp: 42060
Ion Ratio Lower Upper
96 100
61 123.7 98.2 147.2
98 61.5 50.0 75.0

Manual Integrations
APPROVED

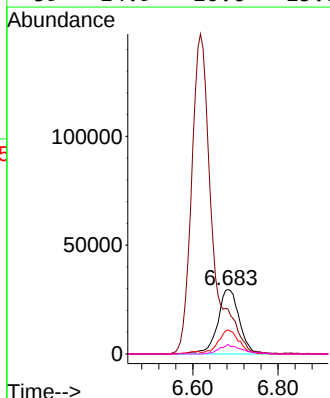
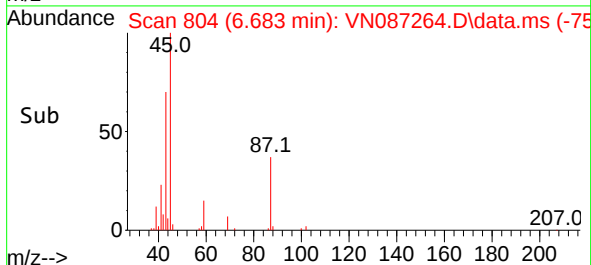
Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025

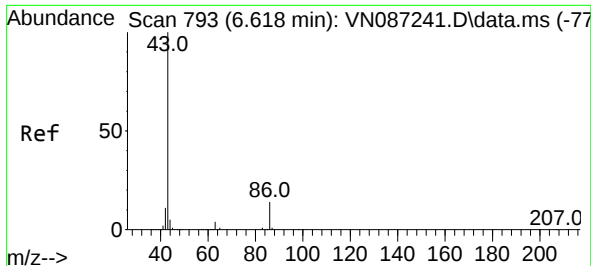


#22
Diisopropyl ether
Concen: 18.138 ug/l
RT: 6.683 min Scan# 804
Delta R.T. -0.000 min
Lab File: VN087264.D
Acq: 03 Jul 2025 12:39



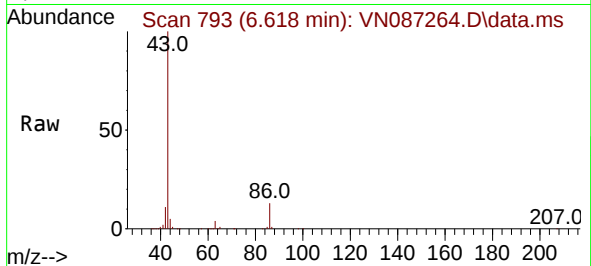
Tgt Ion: 45 Resp: 103973
Ion Ratio Lower Upper
45 100
43 68.9 50.1 75.1
87 37.3 27.5 41.3
59 14.9 10.6 15.8





#23
 Vinyl Acetate
 Concen: 91.732 ug/l
 RT: 6.618 min Scan# 793
 Delta R.T. -0.000 min
 Lab File: VN087264.D
 Acq: 03 Jul 2025 12:39

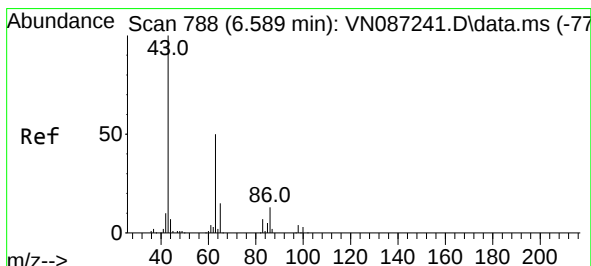
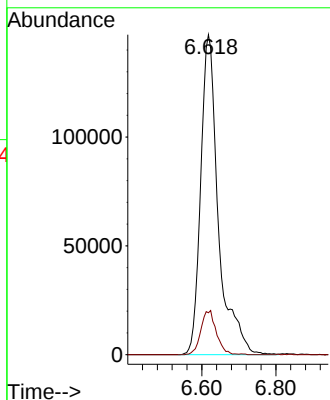
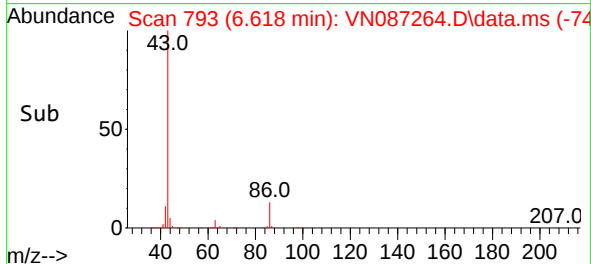
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0703WBSD01



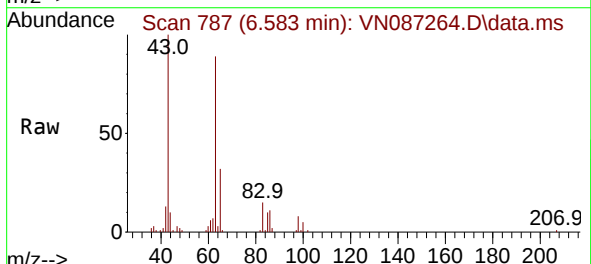
Tgt Ion: 43 Resp: 48632
 Ion Ratio Lower Upper
 43 100
 86 13.1 11.0 16.4

Manual Integrations
 APPROVED

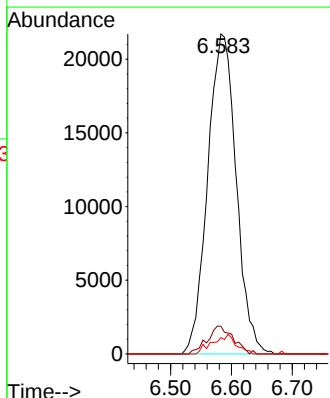
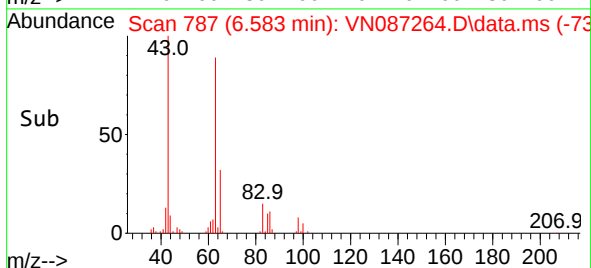
Reviewed By :John Carlone 07/07/2025
 Supervised By :Mahesh Dadoda 07/07/2025

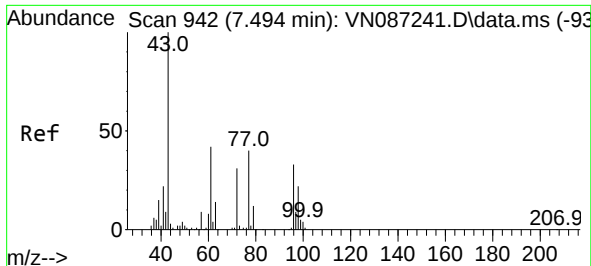


#24
 1,1-Dichloroethane
 Concen: 18.765 ug/l
 RT: 6.583 min Scan# 787
 Delta R.T. -0.006 min
 Lab File: VN087264.D
 Acq: 03 Jul 2025 12:39



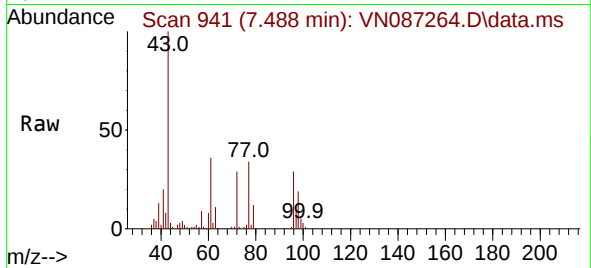
Tgt Ion: 63 Resp: 70478
 Ion Ratio Lower Upper
 63 100
 98 8.7 3.5 10.6
 100 5.1 2.7 8.1





#25
2-Butanone
Concen: 98.182 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN087264.D
Acq: 03 Jul 2025 12:39

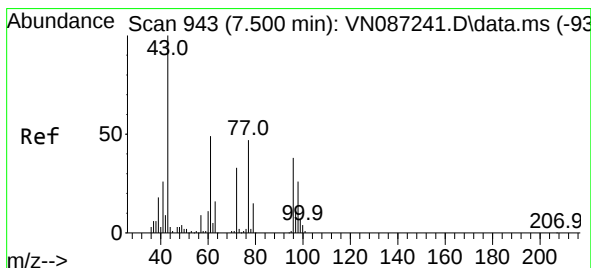
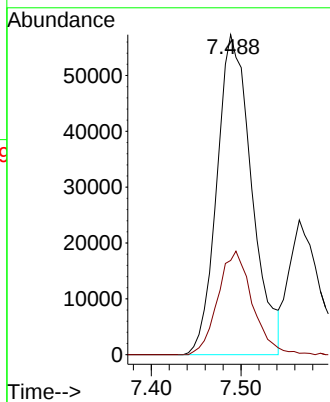
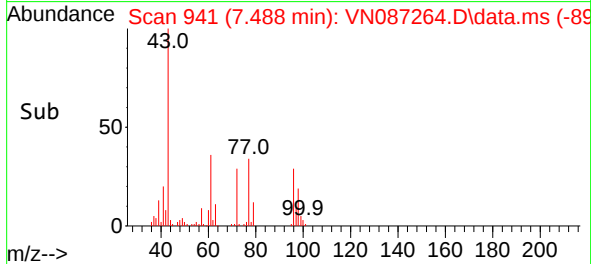
Instrument :
MSVOA_N
ClientSampleId :
VN0703WBSD01



Tgt Ion: 43 Resp: 154680
Ion Ratio Lower Upper
43 100
72 29.4 24.8 37.2

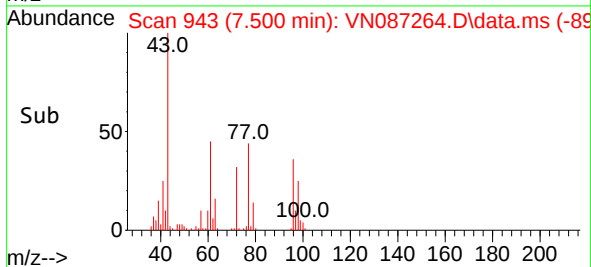
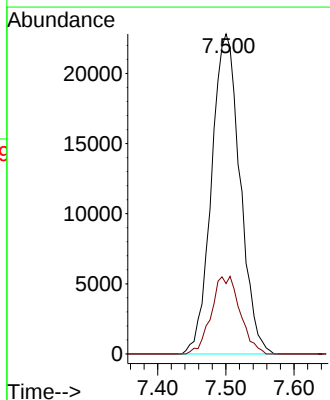
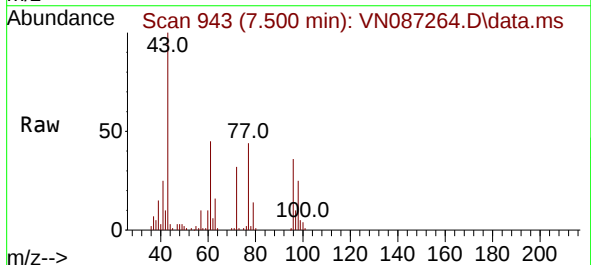
Manual Integrations
APPROVED

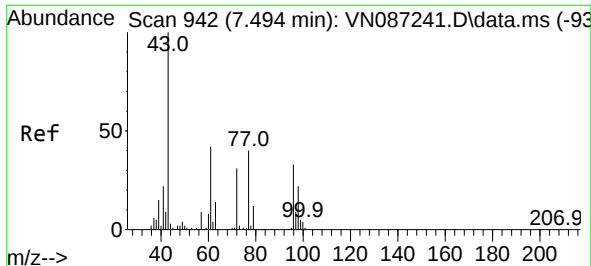
Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025



#26
2,2-Dichloropropane
Concen: 18.484 ug/l
RT: 7.500 min Scan# 943
Delta R.T. -0.000 min
Lab File: VN087264.D
Acq: 03 Jul 2025 12:39

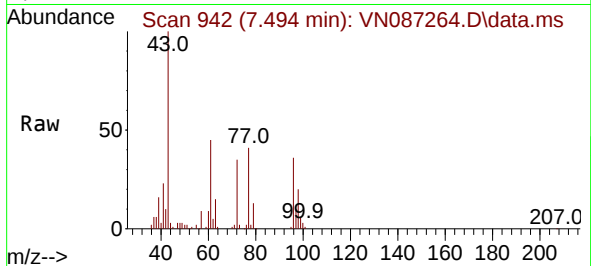
Tgt Ion: 77 Resp: 66432
Ion Ratio Lower Upper
77 100
97 24.5 11.8 35.3





#27
cis-1,2-Dichloroethene
Concen: 18.413 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.000 min
Lab File: VN087264.D
Acq: 03 Jul 2025 12:39

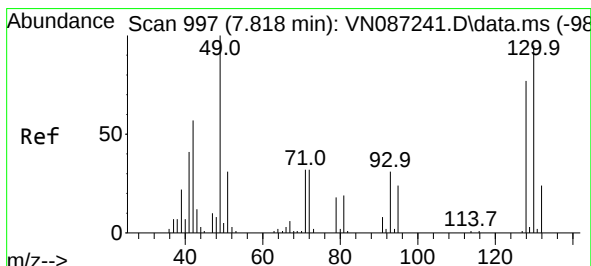
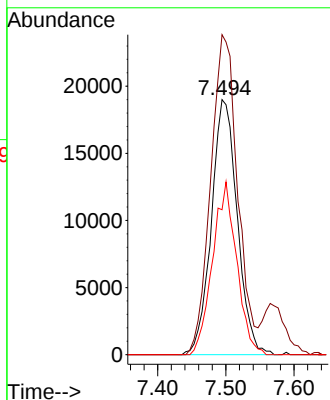
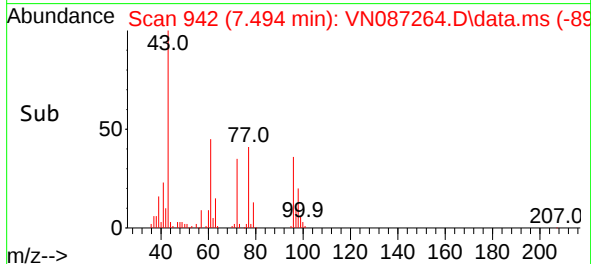
Instrument :
MSVOA_N
ClientSampleId :
VN0703WBSD01



Tgt Ion: 96 Resp: 5019
Ion Ratio Lower Upper
96 100
61 130.8 0.0 258.8
98 63.2 0.0 130.8

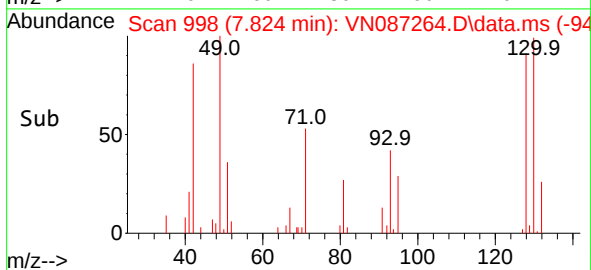
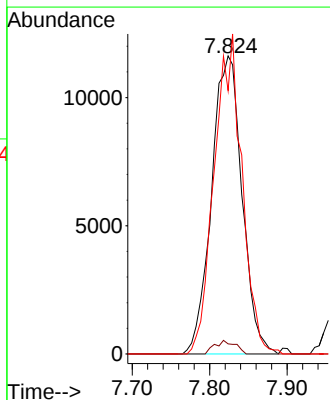
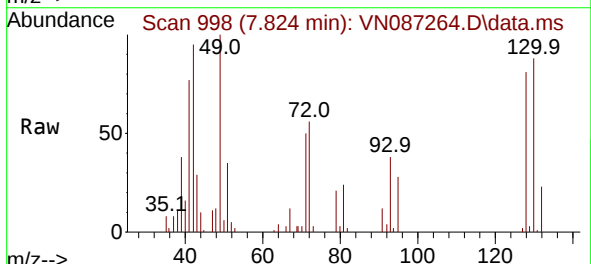
Manual Integrations
APPROVED

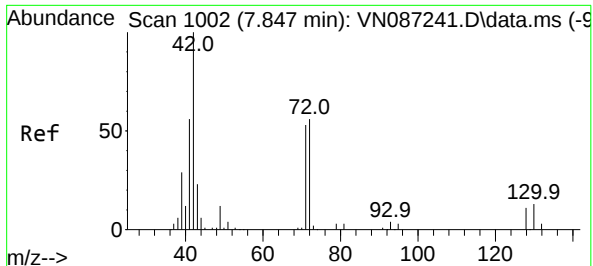
Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025



#28
Bromochloromethane
Concen: 19.172 ug/l
RT: 7.824 min Scan# 998
Delta R.T. 0.006 min
Lab File: VN087264.D
Acq: 03 Jul 2025 12:39

Tgt Ion: 49 Resp: 31784
Ion Ratio Lower Upper
49 100
129 3.1 0.0 4.8
130 97.6 78.4 117.6





#29

Tetrahydrofuran

Concen: 93.848 ug/l

RT: 7.847 min Scan# 1002

Delta R.T. -0.000 min

Lab File: VN087264.D

Acq: 03 Jul 2025 12:39

Instrument :

MSVOA_N

ClientSampleId :

VN0703WBSD01

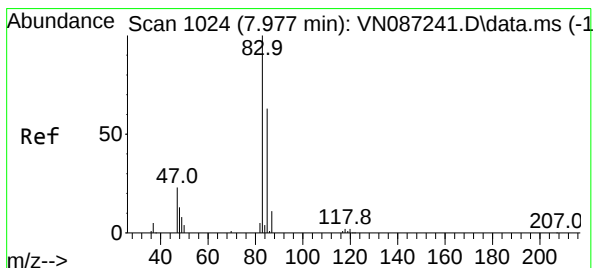
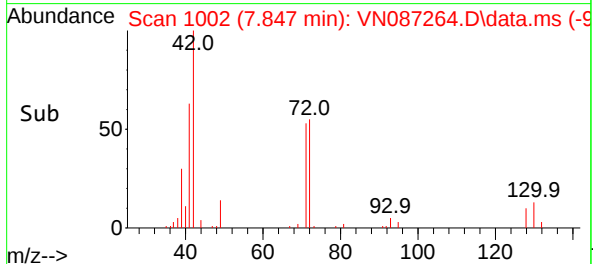
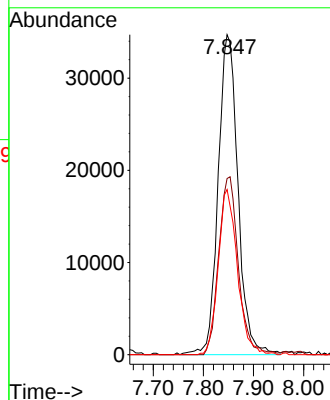
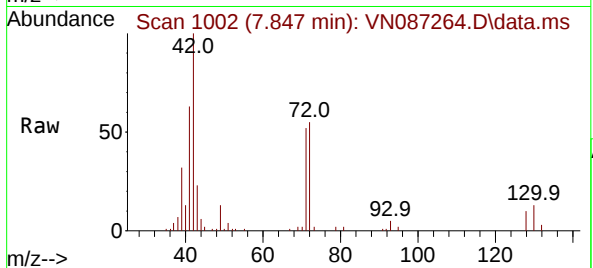
Tgt Ion:	42	Resp:	9527
Ion Ratio	Lower	Upper	
42	100		
72	55.0	44.2	66.4
71	50.1	41.1	61.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/07/2025

Supervised By :Mahesh Dadoda 07/07/2025



#30

Chloroform

Concen: 18.819 ug/l

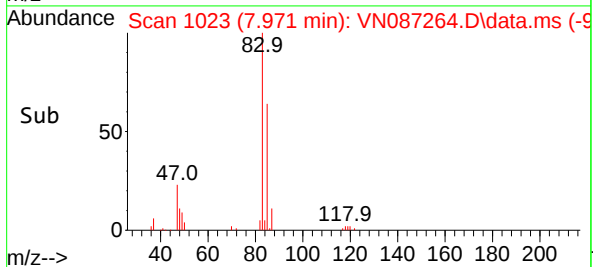
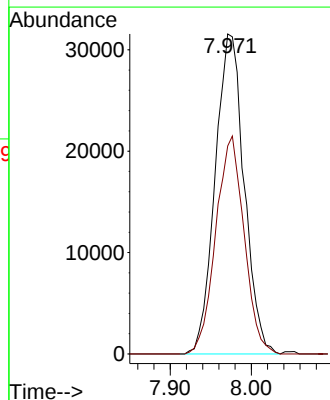
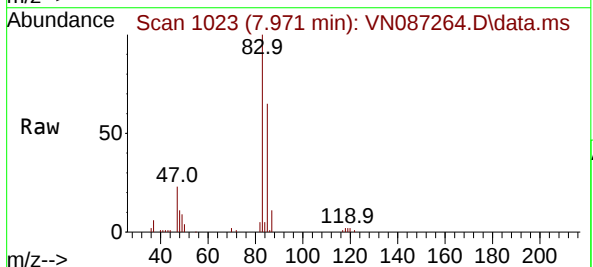
RT: 7.971 min Scan# 1023

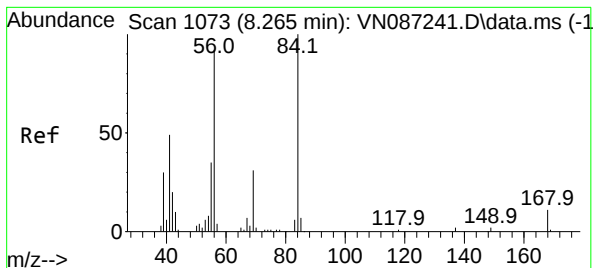
Delta R.T. -0.006 min

Lab File: VN087264.D

Acq: 03 Jul 2025 12:39

Tgt Ion:	83	Resp:	78344
Ion Ratio	Lower	Upper	
83	100		
85	65.0	50.3	75.5





#31

Cyclohexane

Concen: 16.599 ug/l

RT: 8.265 min Scan# 1073

Delta R.T. -0.000 min

Lab File: VN087264.D

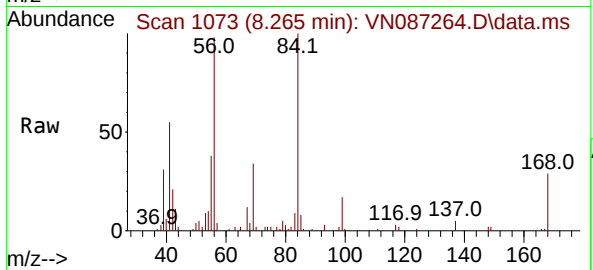
Acq: 03 Jul 2025 12:39

Instrument :

MSVOA_N

ClientSampleId :

VN0703WBSD01



Tgt Ion: 56 Resp: 59609

Ion Ratio Lower Upper

56 100

69 34.1 27.0 40.6

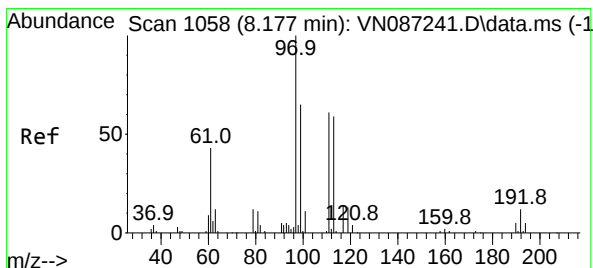
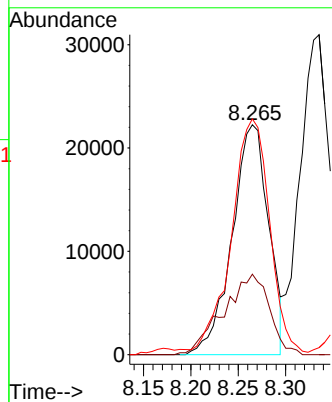
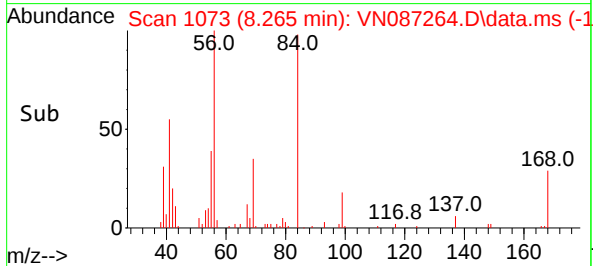
84 100.3 86.2 129.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/07/2025

Supervised By :Mahesh Dadoda 07/07/2025



#32

1,1,1-Trichloroethane

Concen: 18.535 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VN087264.D

Acq: 03 Jul 2025 12:39

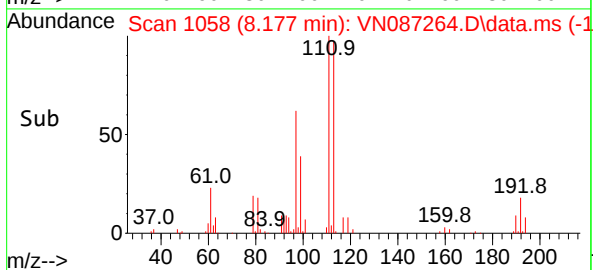
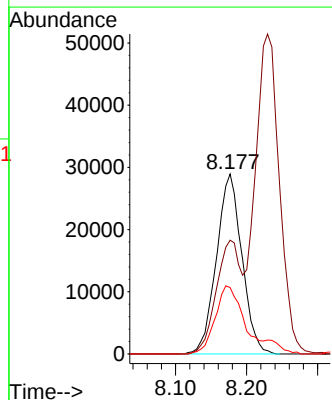
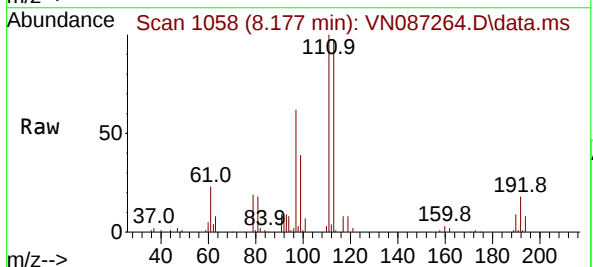
Tgt Ion: 97 Resp: 71858

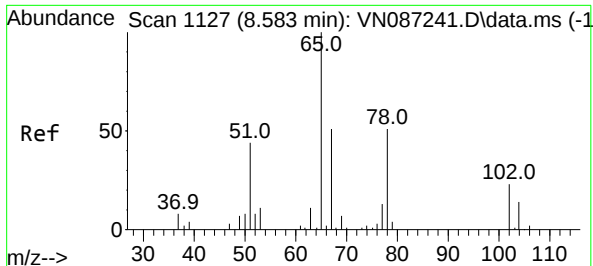
Ion Ratio Lower Upper

97 100

99 60.6 49.5 74.3

61 42.1 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 51.647 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN087264.D

Acq: 03 Jul 2025 12:39

Instrument :

MSVOA_N

ClientSampleId :

VN0703WBSD01

Tgt Ion: 65 Resp: 13618

Ion Ratio Lower Upper

65 100

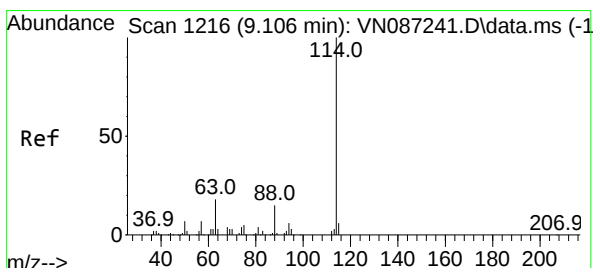
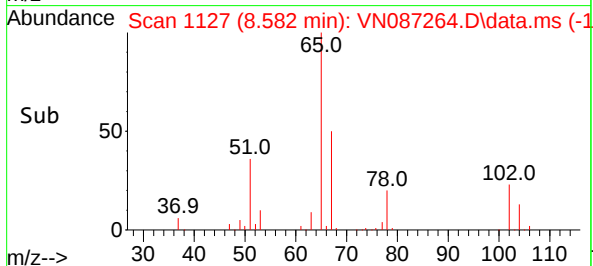
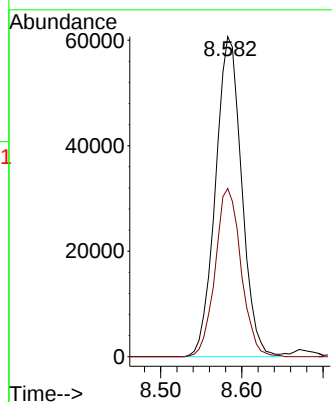
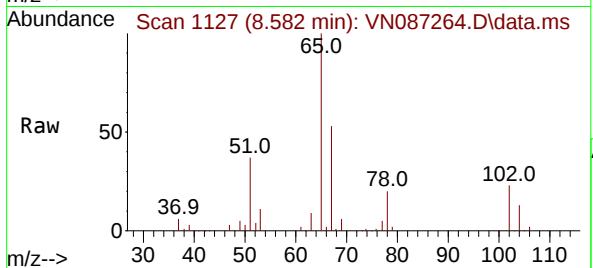
67 51.8 0.0 102.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/07/2025

Supervised By :Mahesh Dadoda 07/07/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN087264.D

Acq: 03 Jul 2025 12:39

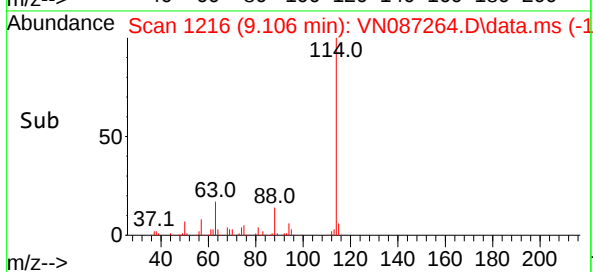
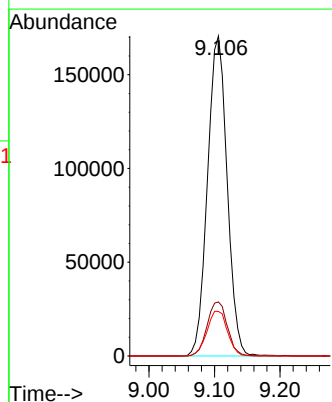
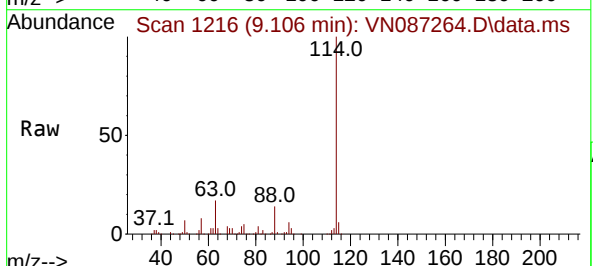
Tgt Ion:114 Resp: 355057

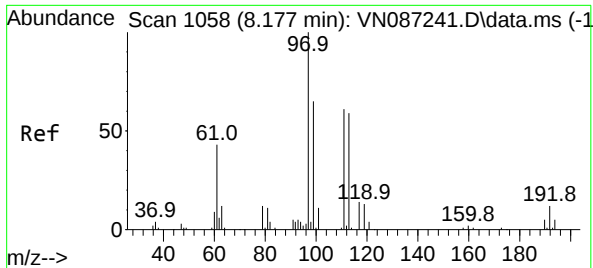
Ion Ratio Lower Upper

114 100

63 16.9 0.0 36.6

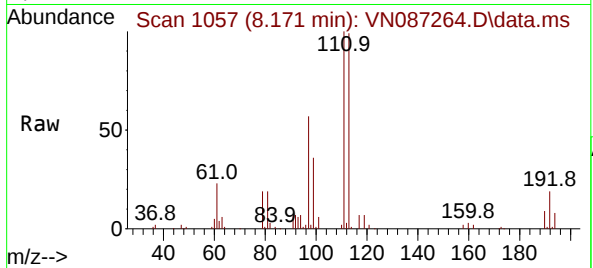
88 13.9 0.0 29.6





#35
Dibromofluoromethane
Concen: 49.844 ug/l
RT: 8.171 min Scan# 1058
Delta R.T. -0.006 min
Lab File: VN087264.D
Acq: 03 Jul 2025 12:39

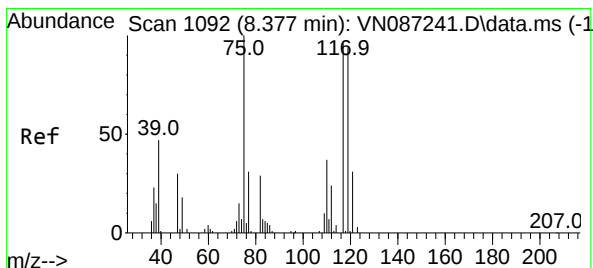
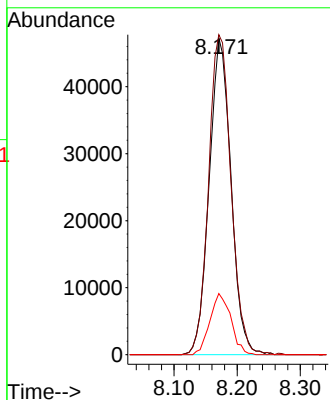
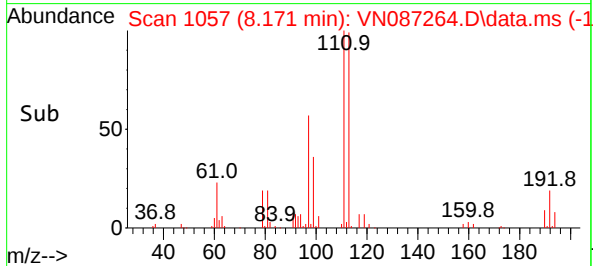
Instrument :
MSVOA_N
ClientSampleId :
VN0703WBSD01



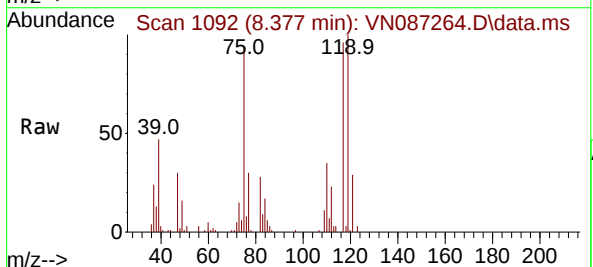
Tgt Ion: 113 Resp: 113318
Ion Ratio Lower Upper
113 100
111 103.8 81.4 122.2
192 18.6 15.1 22.7

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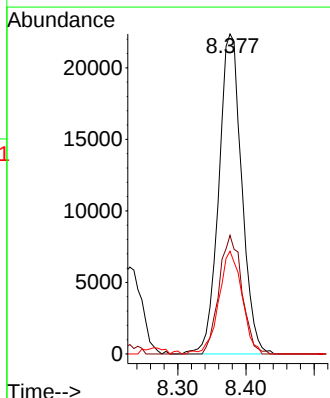
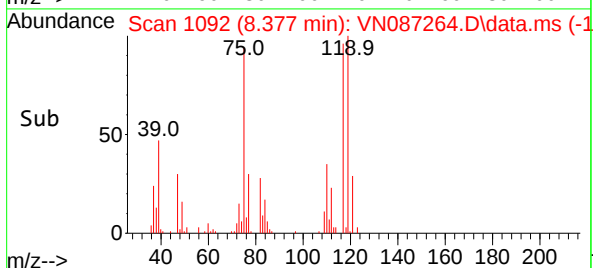
Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025

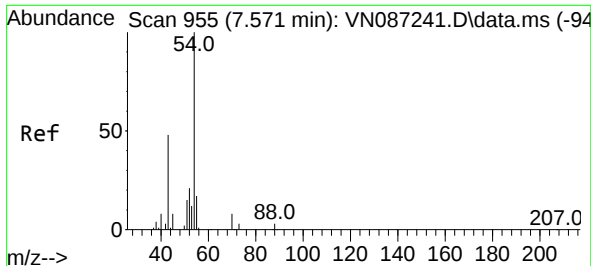


#36
1,1-Dichloropropene
Concen: 16.948 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN087264.D
Acq: 03 Jul 2025 12:39



Tgt Ion: 75 Resp: 52396
Ion Ratio Lower Upper
75 100
110 37.0 18.7 56.1
77 32.4 24.5 36.7





#37

Ethyl Acetate

Concen: 17.521 ug/l

RT: 7.565 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN087264.D

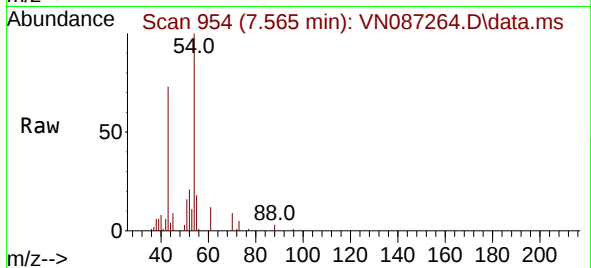
Acq: 03 Jul 2025 12:39

Instrument :

MSVOA_N

ClientSampleId :

VN0703WBSD01



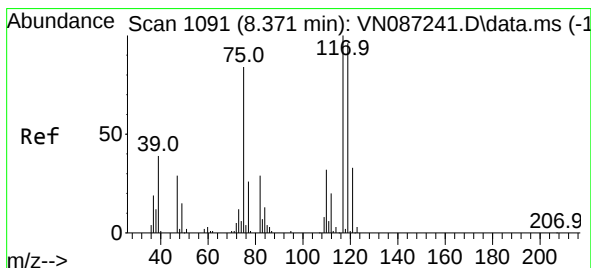
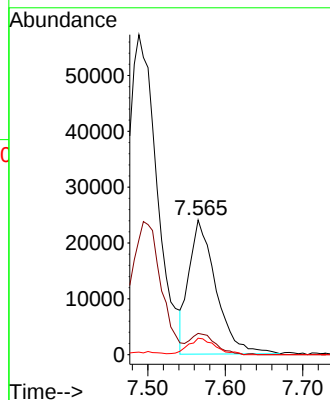
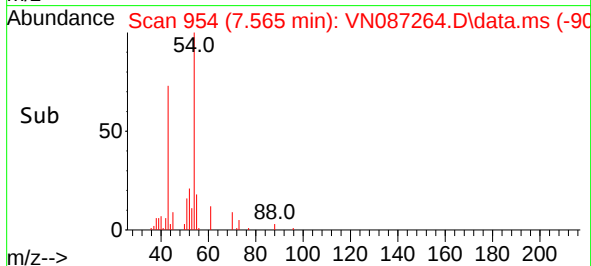
Tgt Ion:	43	Resp:	58229
Ion	Ratio	Lower	Upper
43	100		
61	14.6	11.3	16.9
70	12.4	9.9	14.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/07/2025

Supervised By :Mahesh Dadoda 07/07/2025



#38

Carbon Tetrachloride

Concen: 18.065 ug/l

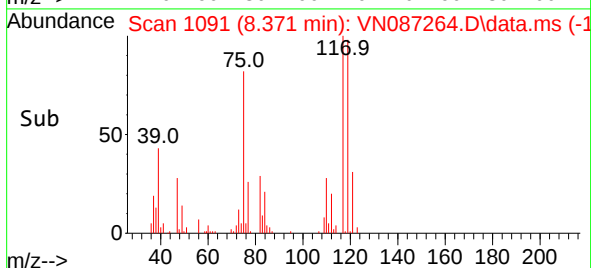
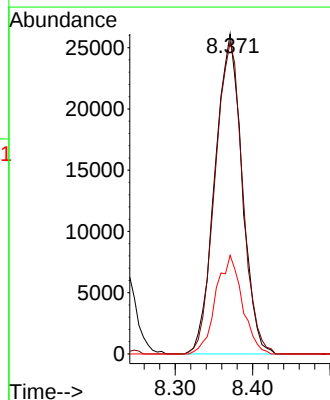
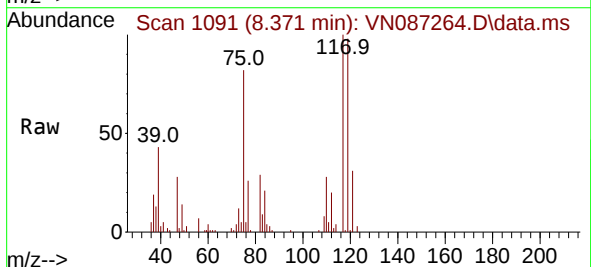
RT: 8.371 min Scan# 1091

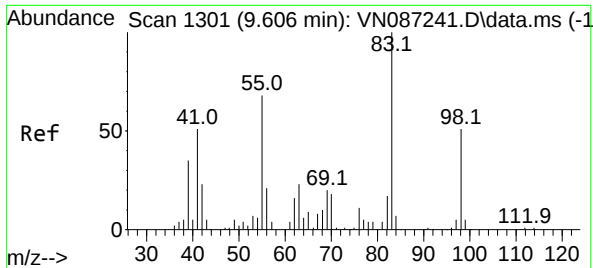
Delta R.T. -0.000 min

Lab File: VN087264.D

Acq: 03 Jul 2025 12:39

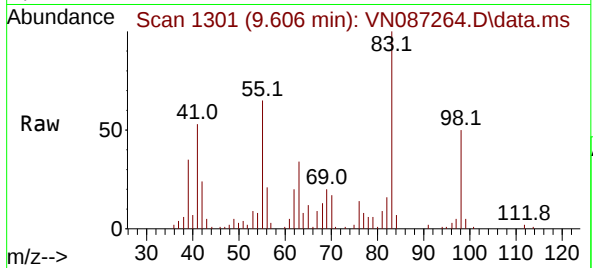
Tgt Ion:	117	Resp:	63285
Ion	Ratio	Lower	Upper
117	100		
119	97.5	77.2	115.8
121	30.8	26.6	39.8





#39
Methylcyclohexane
Concen: 16.265 ug/l
RT: 9.606 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN087264.D
Acq: 03 Jul 2025 12:39

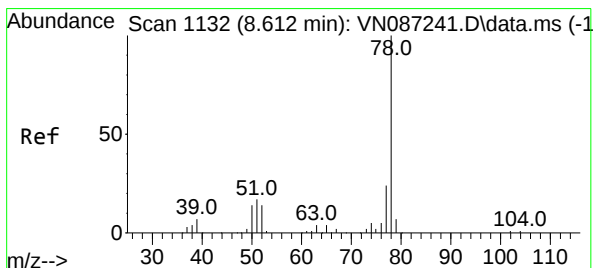
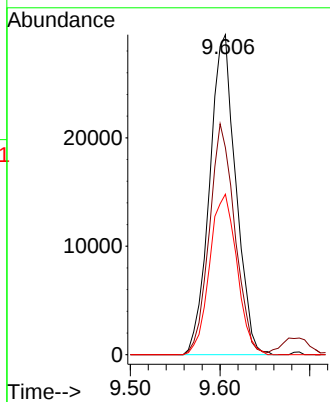
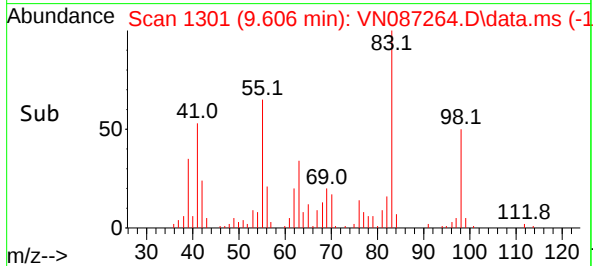
Instrument :
MSVOA_N
ClientSampleId :
VN0703WBSD01



Tgt Ion: 83 Resp: 5988
Ion Ratio Lower Upper
83 100
55 64.7 54.6 81.8
98 50.1 41.2 61.8

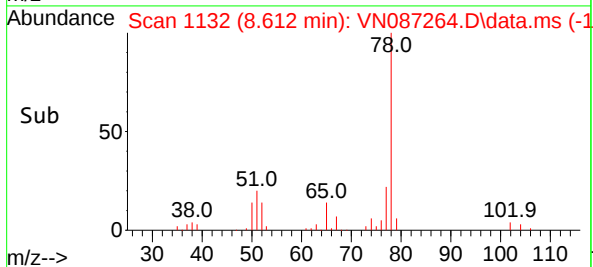
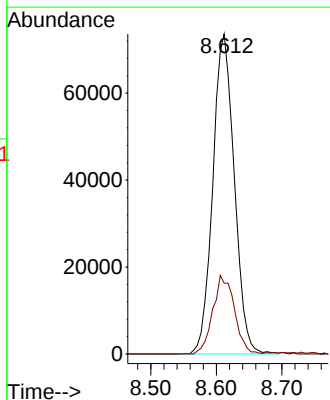
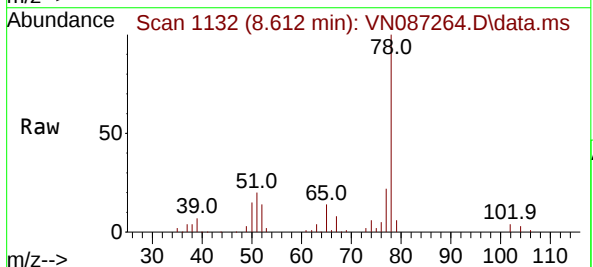
Manual Integrations
APPROVED

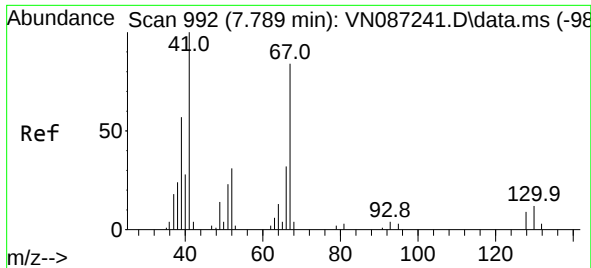
Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025



#40
Benzene
Concen: 17.451 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN087264.D
Acq: 03 Jul 2025 12:39

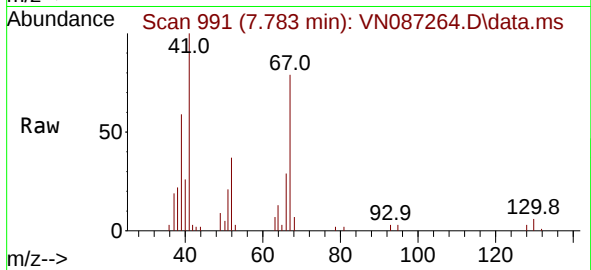
Tgt Ion: 78 Resp: 167144
Ion Ratio Lower Upper
78 100
77 22.2 19.5 29.3





#41
Methacrylonitrile
Concen: 18.245 ug/l
RT: 7.783 min Scan# 991
Delta R.T. -0.006 min
Lab File: VN087264.D
Acq: 03 Jul 2025 12:39

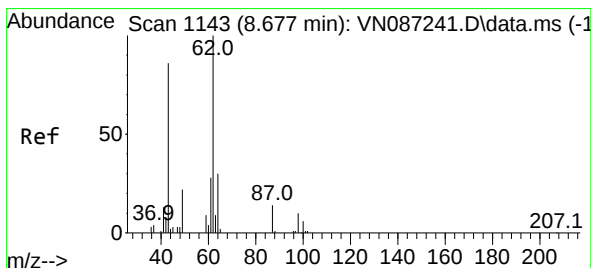
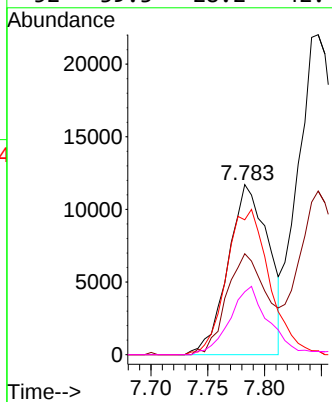
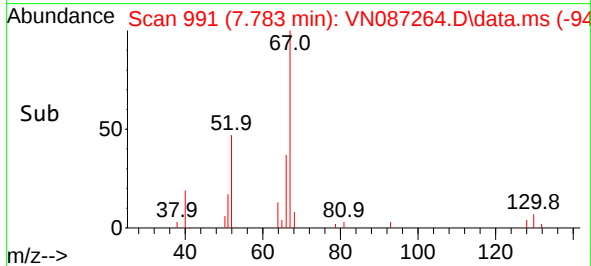
Instrument :
MSVOA_N
ClientSampleId :
VN0703WBSD01



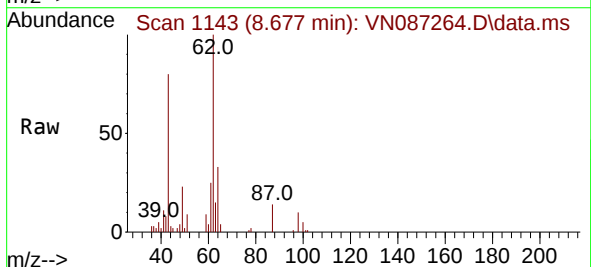
Tgt Ion:	41	Resp:	2899
Ion Ratio	100	Lower	Upper
41	100		
39	58.9	46.4	69.6
67	90.9	70.8	106.2
52	39.3	28.2	42.4

Manual Integrations
APPROVED

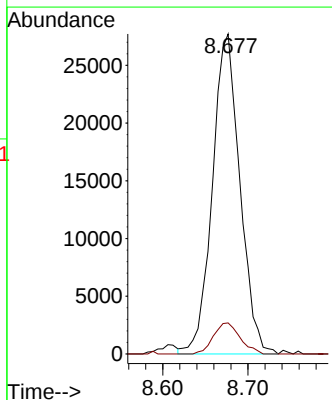
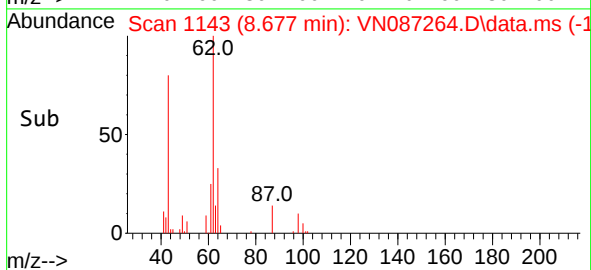
Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025

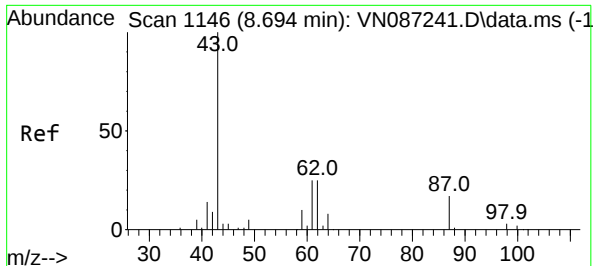


#42
1,2-Dichloroethane
Concen: 19.538 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN087264.D
Acq: 03 Jul 2025 12:39



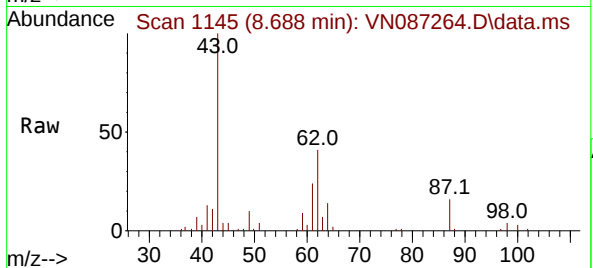
Tgt Ion:	62	Resp:	62235
Ion Ratio	100	Lower	Upper
62	100		
98	9.4	0.0	19.8





#43
Isopropyl Acetate
Concen: 18.319 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN087264.D
Acq: 03 Jul 2025 12:39

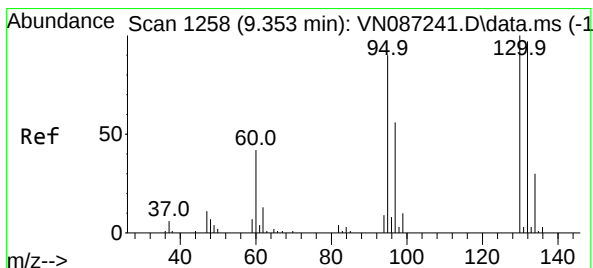
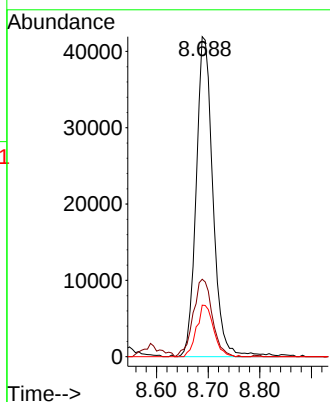
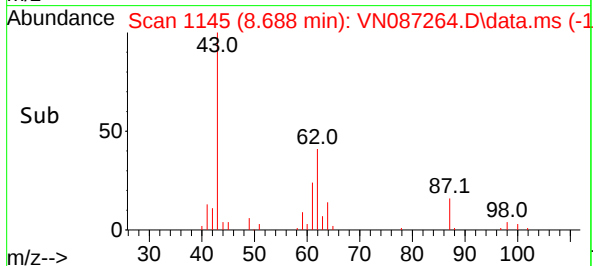
Instrument :
MSVOA_N
ClientSampleId :
VN0703WBSD01



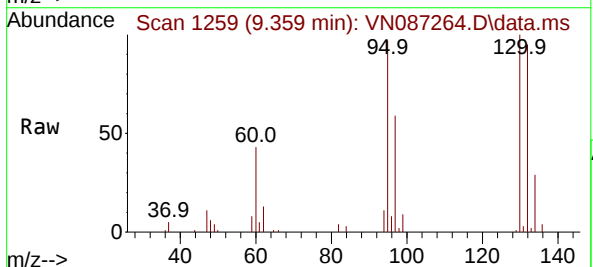
Tgt Ion: 43 Resp: 94419
Ion Ratio Lower Upper
43 100
61 27.5 22.4 33.6
87 16.5 12.8 19.2

Manual Integrations
APPROVED

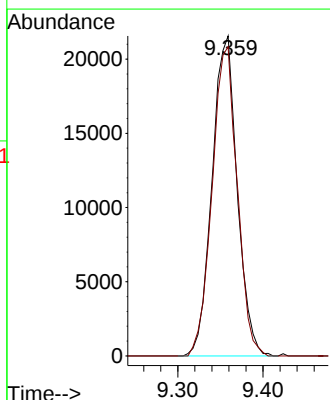
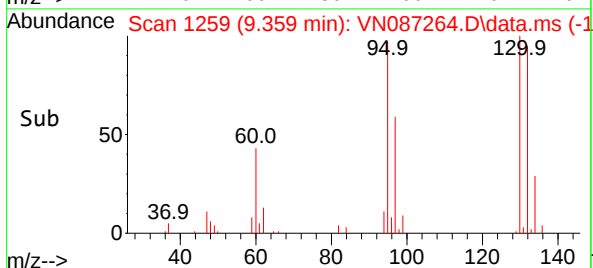
Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025

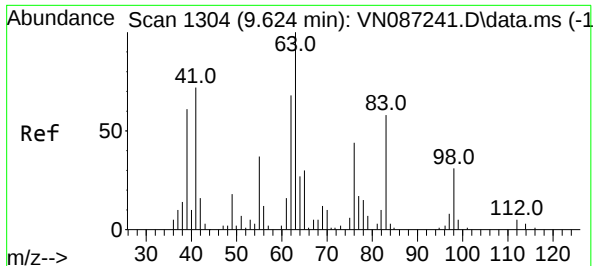


#44
Trichloroethene
Concen: 17.349 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.006 min
Lab File: VN087264.D
Acq: 03 Jul 2025 12:39



Tgt Ion:130 Resp: 44156
Ion Ratio Lower Upper
130 100
95 96.7 0.0 179.2





#45

1,2-Dichloropropane

Concen: 18.487 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.006 min

Lab File: VN087264.D

Acq: 03 Jul 2025 12:39

Instrument :

MSVOA_N

ClientSampleId :

VN0703WBSD01

Tgt Ion: 63 Resp: 3860

Ion Ratio Lower Upper

63 100

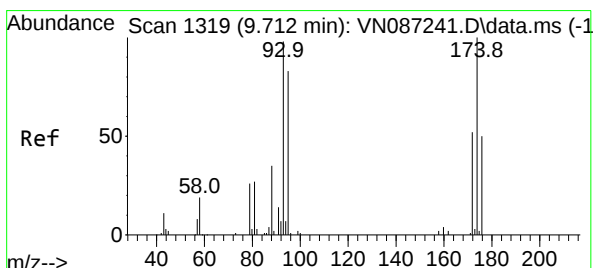
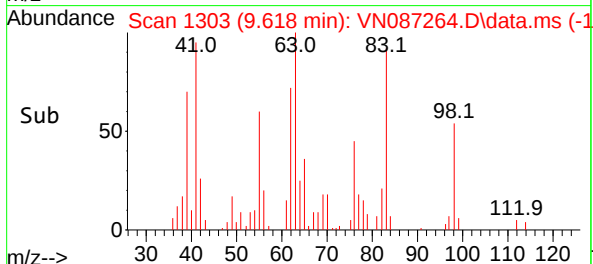
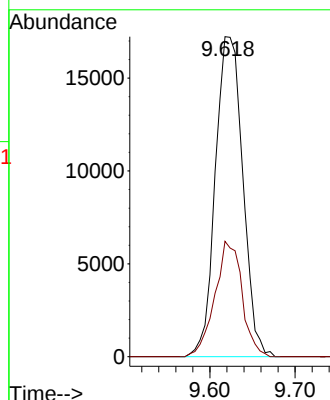
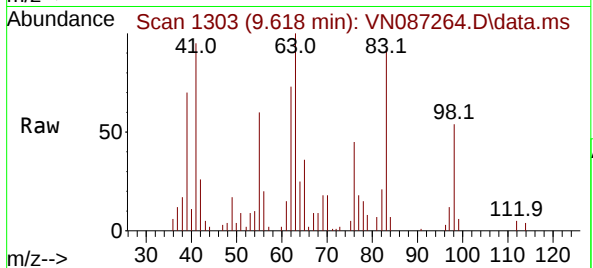
65 36.1 23.8 35.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/07/2025

Supervised By :Mahesh Dadoda 07/07/2025



#46

Dibromomethane

Concen: 18.254 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN087264.D

Acq: 03 Jul 2025 12:39

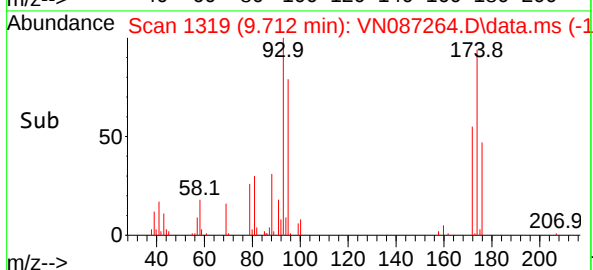
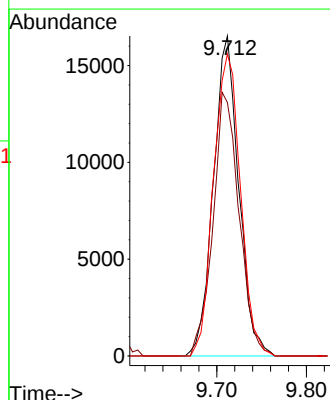
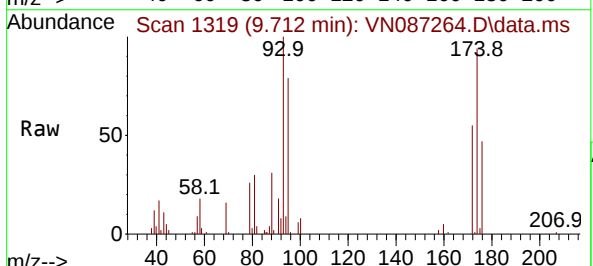
Tgt Ion: 93 Resp: 32430

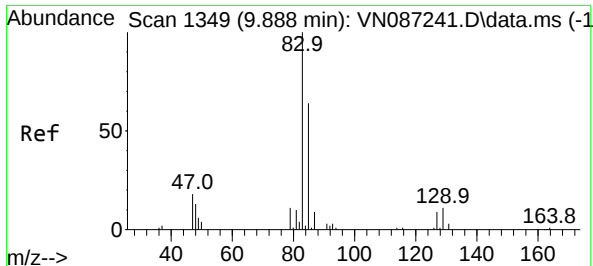
Ion Ratio Lower Upper

93 100

95 84.8 66.1 99.1

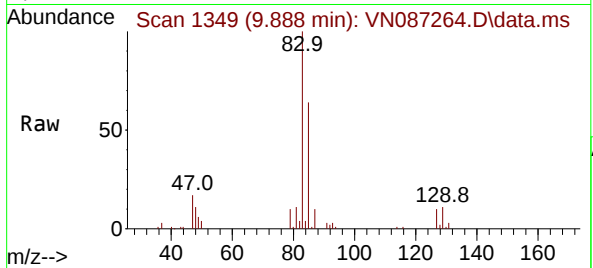
174 100.3 81.8 122.6





#47
Bromodichloromethane
Concen: 18.518 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN087264.D
Acq: 03 Jul 2025 12:39

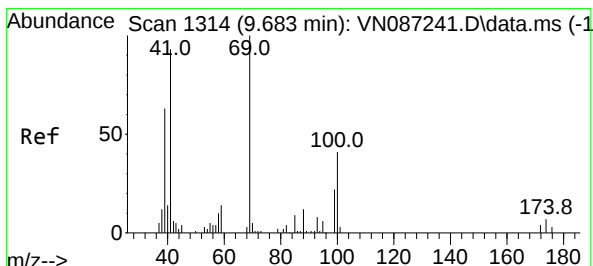
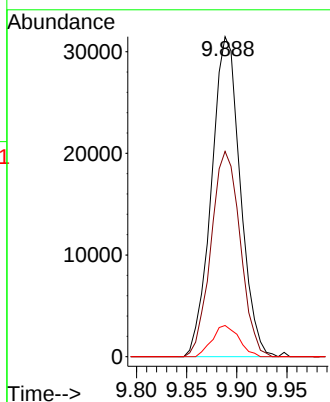
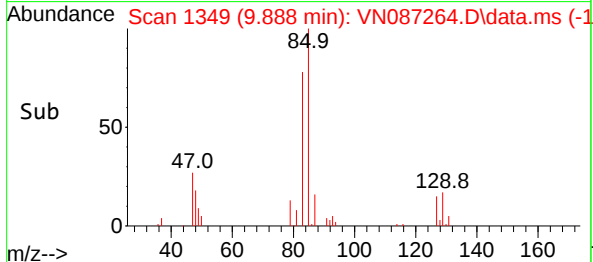
Instrument :
MSVOA_N
ClientSampleId :
VN0703WBSD01



Tgt Ion: 83 Resp: 62744
Ion Ratio Lower Upper
83 100
85 64.2 51.2 76.8
127 9.8 7.0 10.4

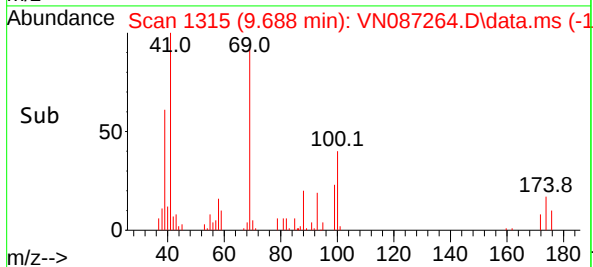
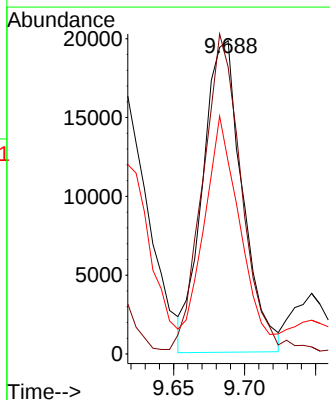
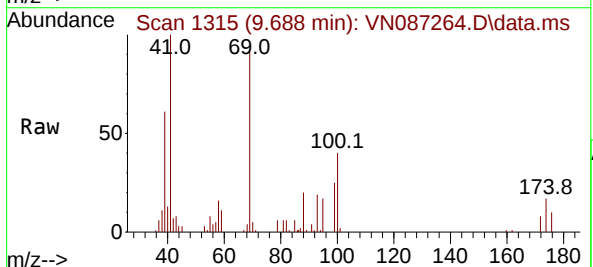
Manual Integrations
APPROVED

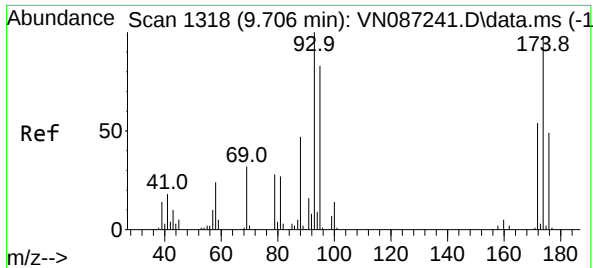
Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025



#48
Methyl methacrylate
Concen: 17.756 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.006 min
Lab File: VN087264.D
Acq: 03 Jul 2025 12:39

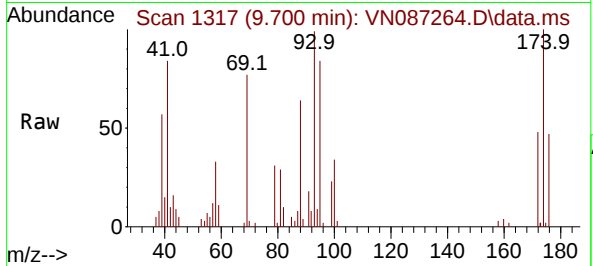
Tgt Ion: 41 Resp: 38570
Ion Ratio Lower Upper
41 100
69 102.5 81.4 122.2
39 70.8 56.9 85.3





#49
1,4-Dioxane
Concen: 359.376 ug/l
RT: 9.700 min Scan# 1318
Delta R.T. -0.006 min
Lab File: VN087264.D
Acq: 03 Jul 2025 12:39

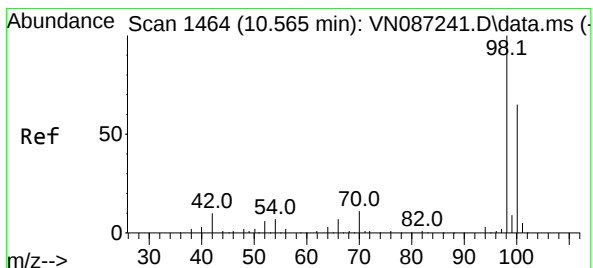
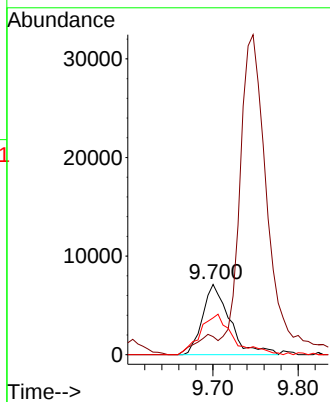
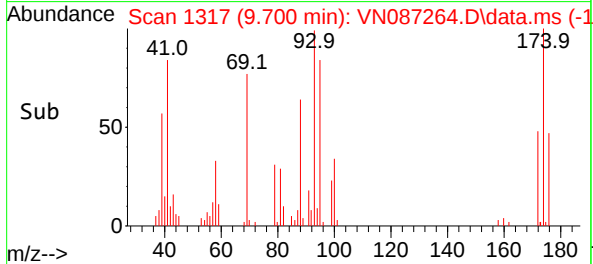
Instrument :
MSVOA_N
ClientSampleId :
VN0703WBSD01



Tgt Ion: 88 Resp: 1576
Ion Ratio Lower Upper
88 100
43 23.2 0.0 0.0
58 69.2 47.8 71.8

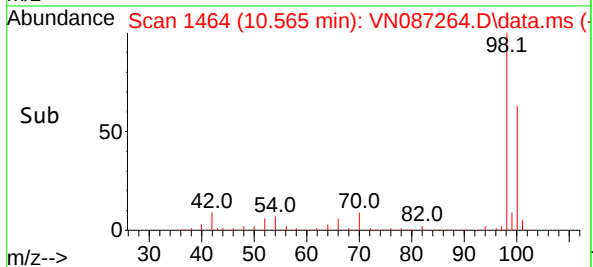
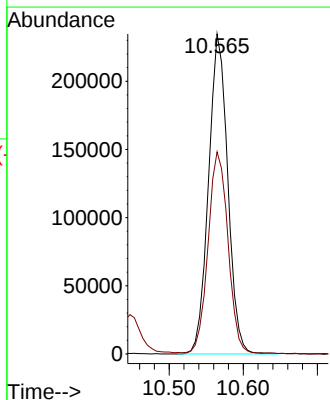
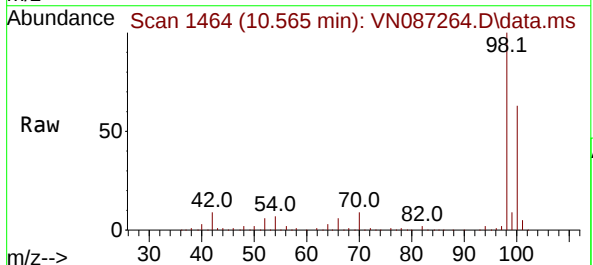
Manual Integrations
APPROVED

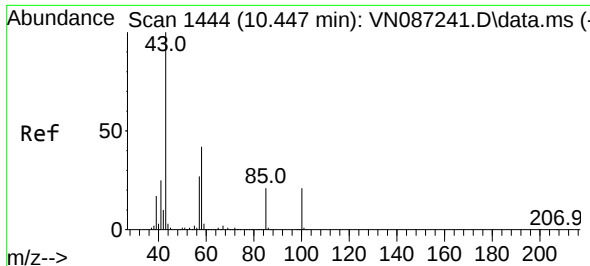
Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025



#50
Toluene-d8
Concen: 47.675 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN087264.D
Acq: 03 Jul 2025 12:39

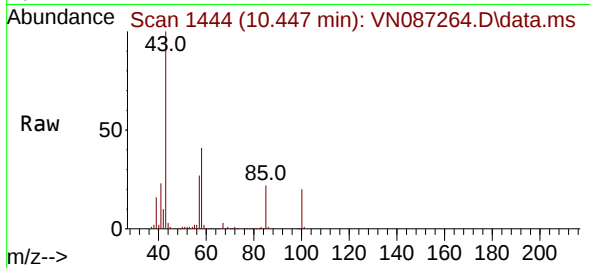
Tgt Ion: 98 Resp: 422468
Ion Ratio Lower Upper
98 100
100 65.0 52.1 78.1





#51
4-Methyl-2-Pentanone
Concen: 89.986 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN087264.D
Acq: 03 Jul 2025 12:39

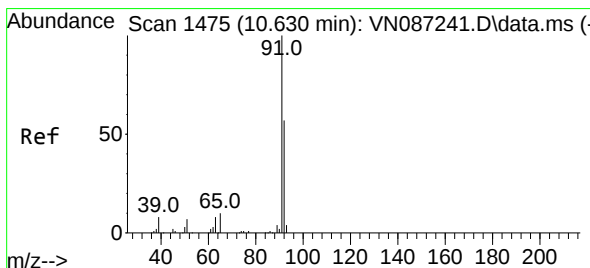
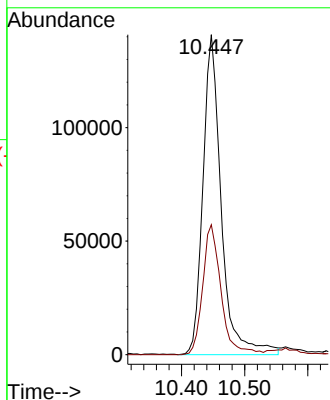
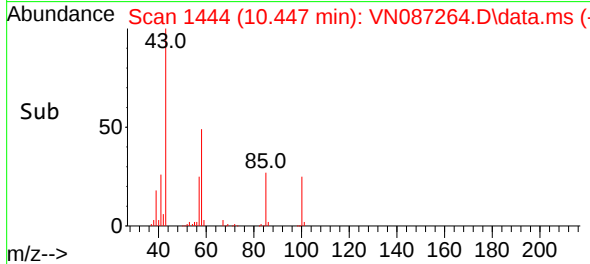
Instrument :
MSVOA_N
ClientSampleId :
VN0703WBSD01



Tgt Ion: 43 Resp: 28377
Ion Ratio Lower Upper
43 100
58 40.6 34.2 51.2

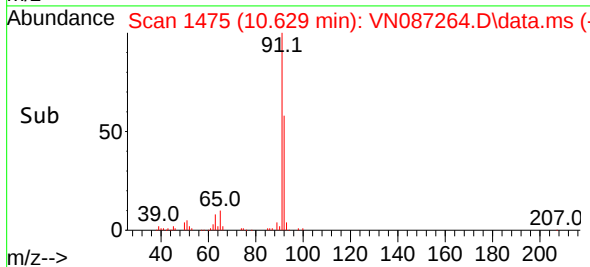
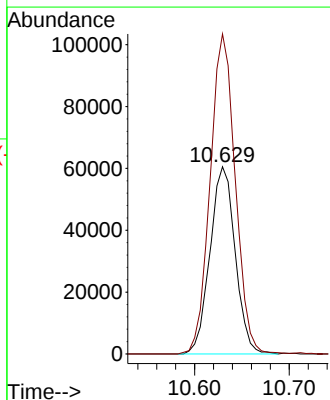
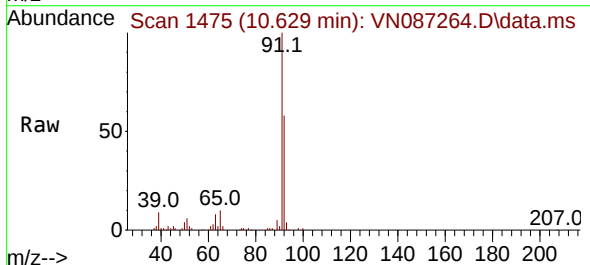
Manual Integrations
APPROVED

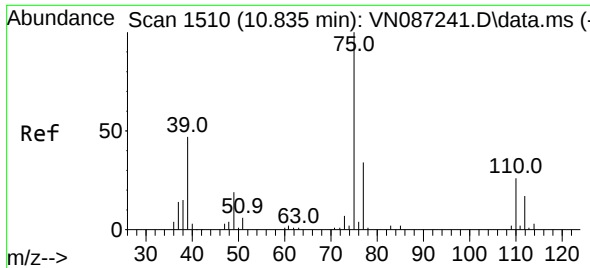
Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025



#52
Toluene
Concen: 17.833 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN087264.D
Acq: 03 Jul 2025 12:39

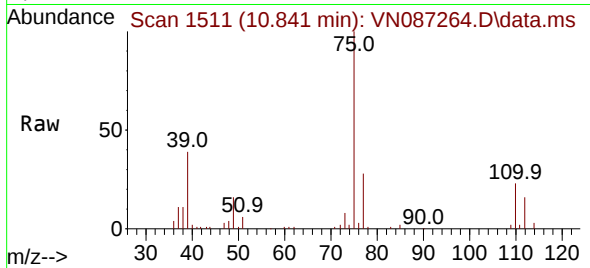
Tgt Ion: 92 Resp: 112018
Ion Ratio Lower Upper
92 100
91 170.3 137.8 206.6





#53
t-1,3-Dichloropropene
Concen: 18.491 ug/l
RT: 10.841 min Scan# 1510
Delta R.T. 0.006 min
Lab File: VN087264.D
Acq: 03 Jul 2025 12:39

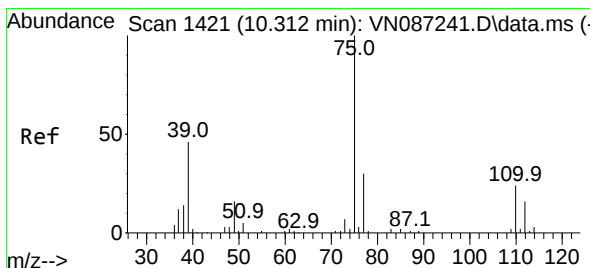
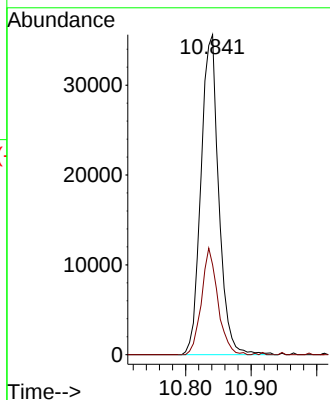
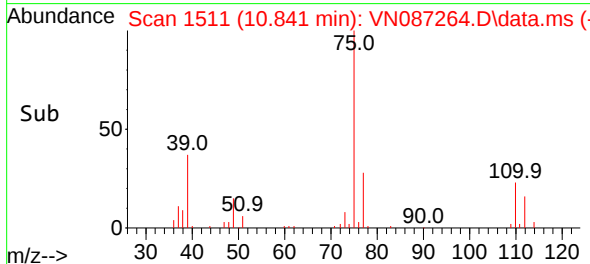
Instrument :
MSVOA_N
ClientSampleId :
VN0703WBSD01



Tgt Ion: 75 Resp: 6720
Ion Ratio Lower Upper
75 100
77 28.1 27.1 40.7

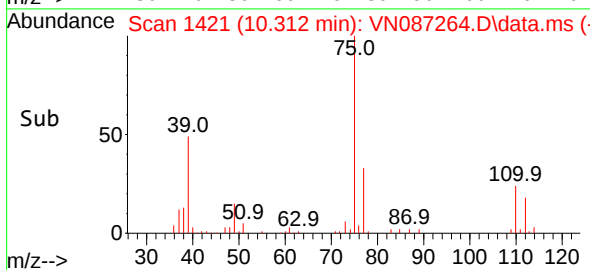
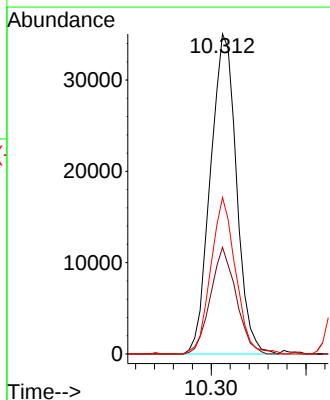
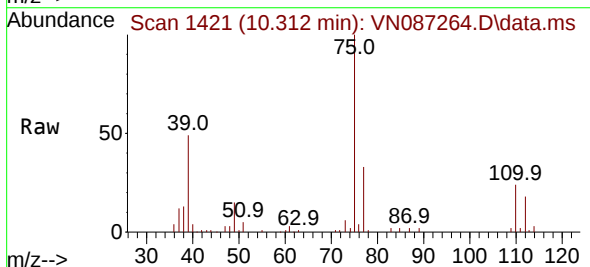
Manual Integrations
APPROVED

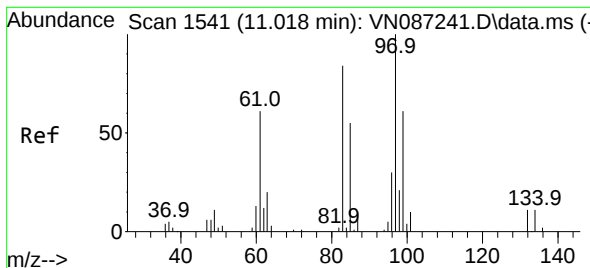
Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025



#54
cis-1,3-Dichloropropene
Concen: 18.065 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN087264.D
Acq: 03 Jul 2025 12:39

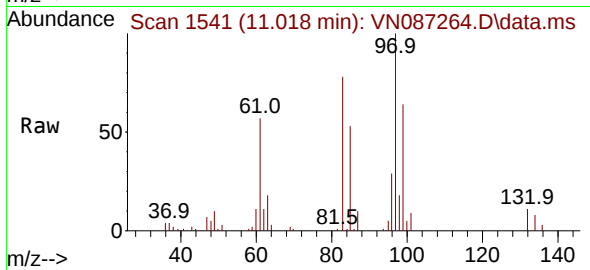
Tgt Ion: 75 Resp: 66889
Ion Ratio Lower Upper
75 100
77 33.3 24.1 36.1
39 48.9 36.7 55.1





#55
1,1,2-Trichloroethane
Concen: 19.188 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN087264.D
Acq: 03 Jul 2025 12:39

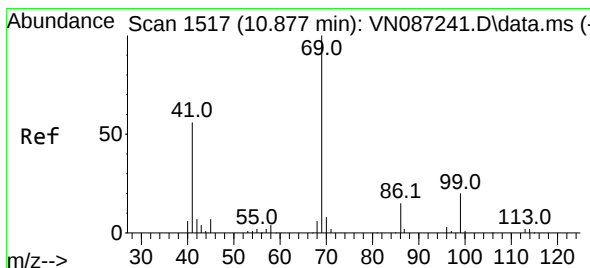
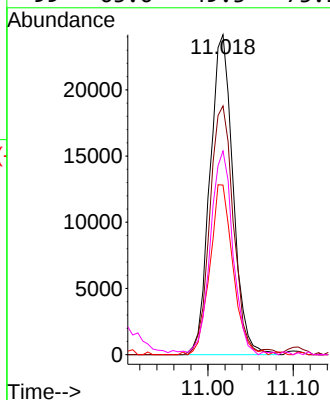
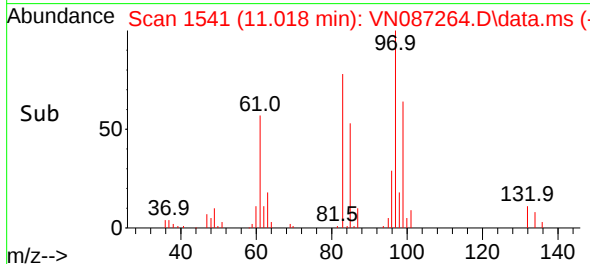
Instrument :
MSVOA_N
ClientSampleId :
VN0703WBSD01



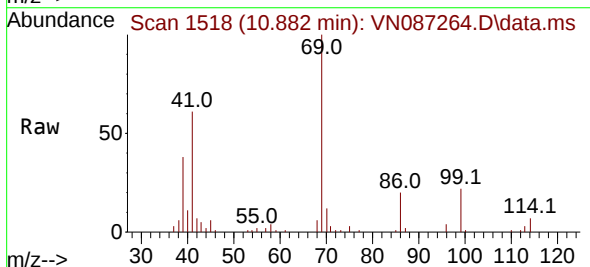
Tgt Ion: 97 Resp: 4553
Ion Ratio Lower Upper
97 100
83 77.8 67.4 101.2
85 53.0 43.6 65.4
99 63.6 49.3 73.9

Manual Integrations
APPROVED

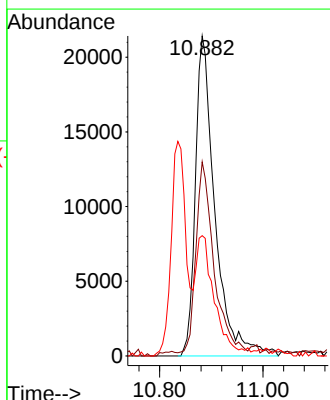
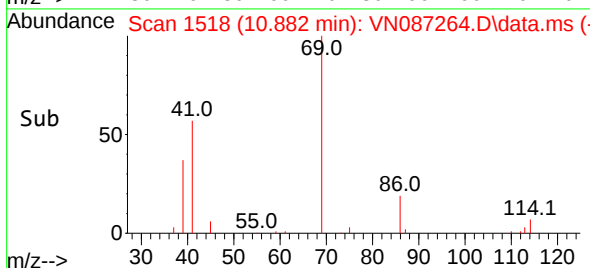
Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025

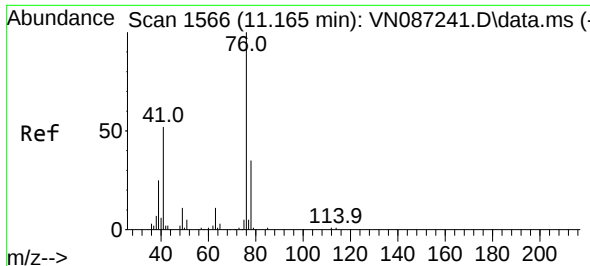


#56
Ethyl methacrylate
Concen: 16.149 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.005 min
Lab File: VN087264.D
Acq: 03 Jul 2025 12:39



Tgt Ion: 69 Resp: 56144
Ion Ratio Lower Upper
69 100
41 55.5 44.2 66.4
39 32.8 29.5 44.3





#57

1,3-Dichloropropane

Concen: 18.272 ug/l

RT: 11.159 min Scan# 1565

Delta R.T. -0.006 min

Lab File: VN087264.D

Acq: 03 Jul 2025 12:39

Instrument :

MSVOA_N

ClientSampleId :

VN0703WBSD01

Tgt Ion: 76 Resp: 7076

Ion Ratio Lower Upper

76 100

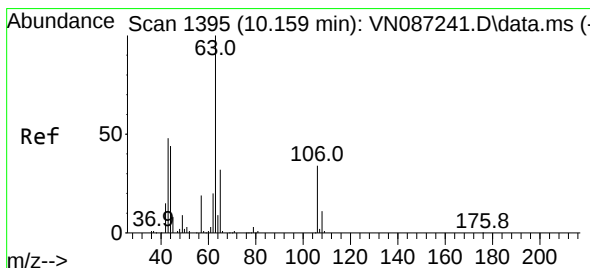
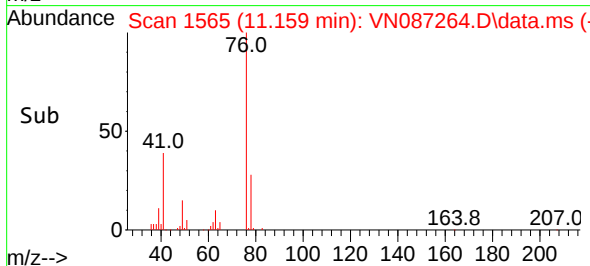
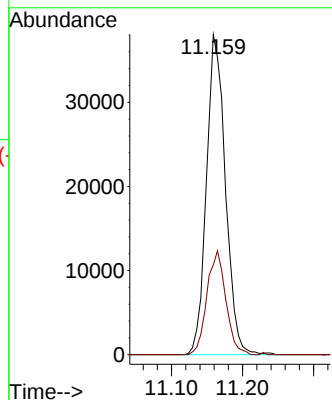
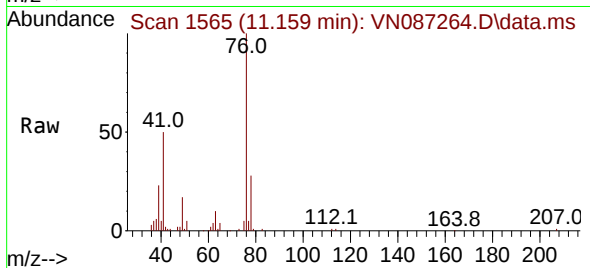
78 32.3 27.1 40.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/07/2025

Supervised By :Mahesh Dadoda 07/07/2025



#58

2-Chloroethyl Vinyl ether

Concen: 86.003 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN087264.D

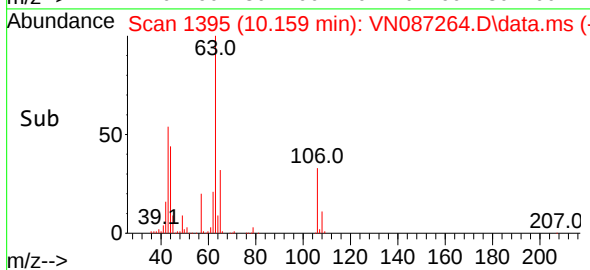
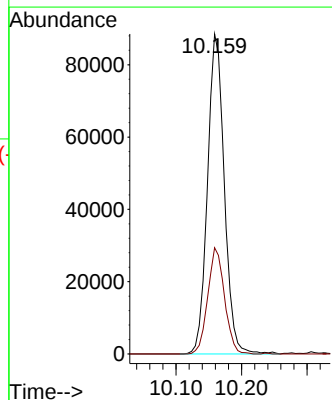
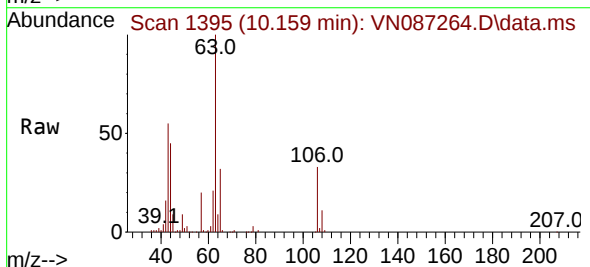
Acq: 03 Jul 2025 12:39

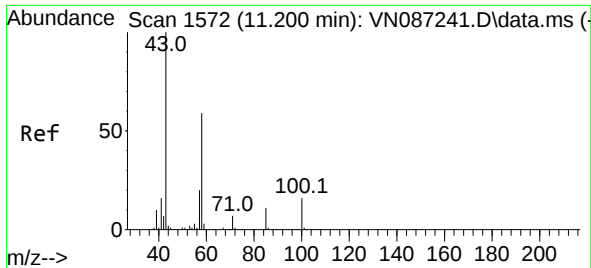
Tgt Ion: 63 Resp: 158022

Ion Ratio Lower Upper

63 100

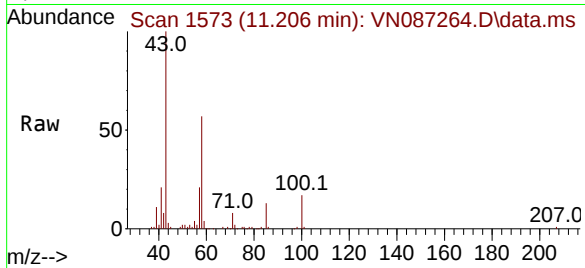
106 33.0 26.9 40.3





#59
2-Hexanone
Concen: 94.917 ug/l m
RT: 11.206 min Scan# 1572
Delta R.T. 0.006 min
Lab File: VN087264.D
Acq: 03 Jul 2025 12:39

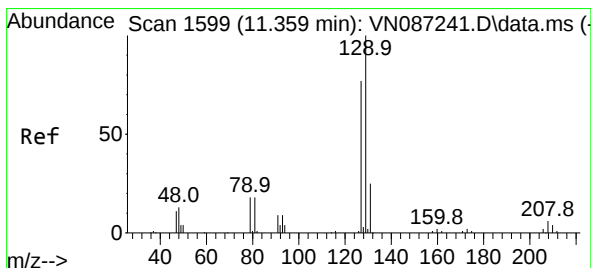
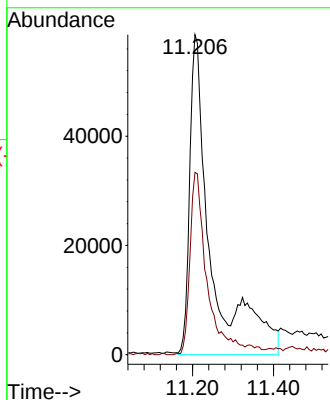
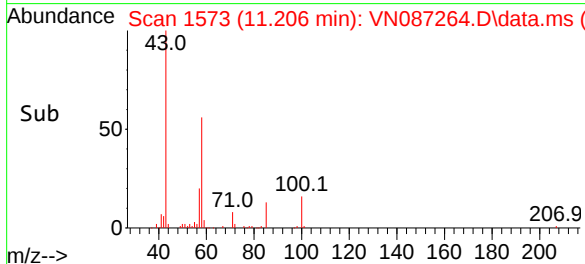
Instrument :
MSVOA_N
ClientSampleId :
VN0703WBSD01



Tgt Ion: 43 Resp: 21440
Ion Ratio Lower Upper
43 100
58 45.2 31.1 93.3

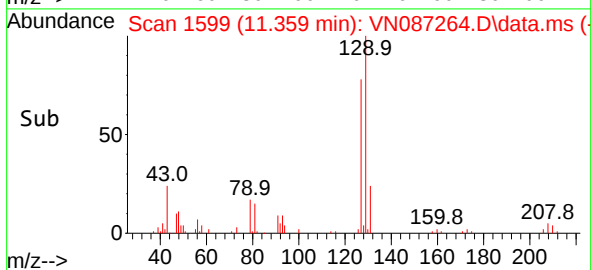
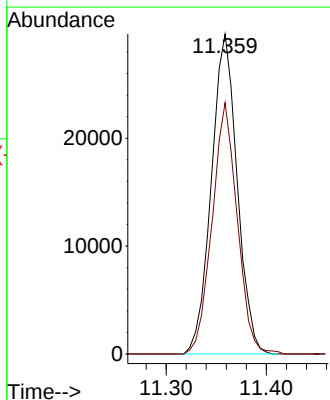
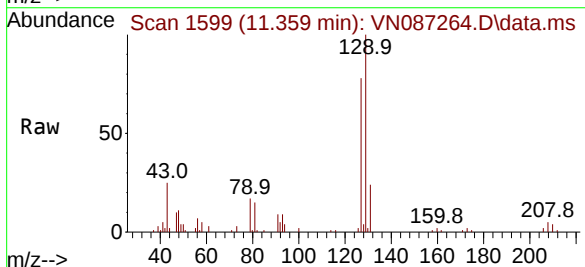
Manual Integrations
APPROVED

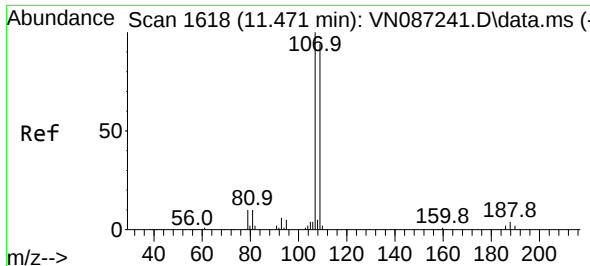
Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025



#60
Dibromochloromethane
Concen: 18.969 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN087264.D
Acq: 03 Jul 2025 12:39

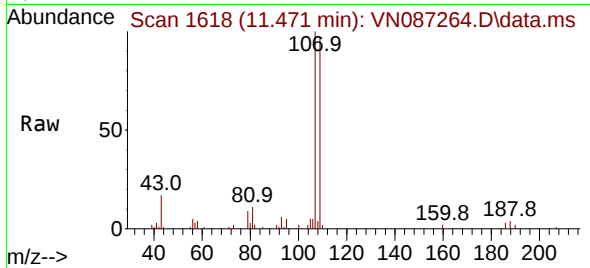
Tgt Ion:129 Resp: 53060
Ion Ratio Lower Upper
129 100
127 76.2 39.3 117.9





#61
1,2-Dibromoethane
Concen: 18.644 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN087264.D
Acq: 03 Jul 2025 12:39

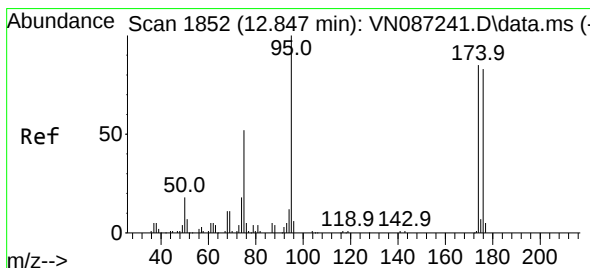
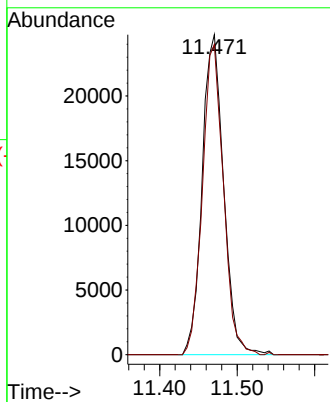
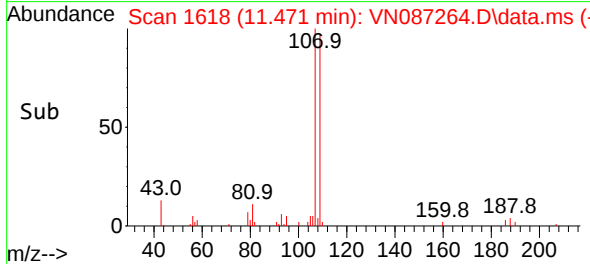
Instrument :
MSVOA_N
ClientSampleId :
VN0703WBSD01



Tgt Ion:107 Resp: 47588
Ion Ratio Lower Upper
107 100
109 94.6 76.0 114.0

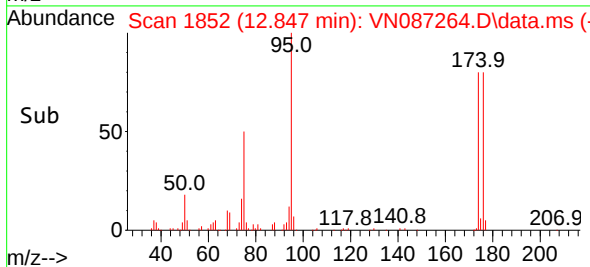
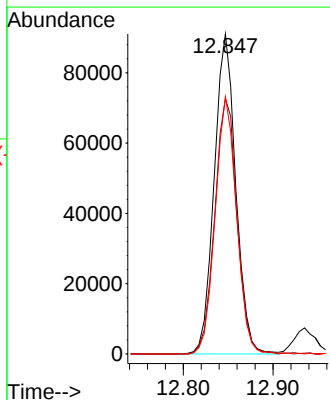
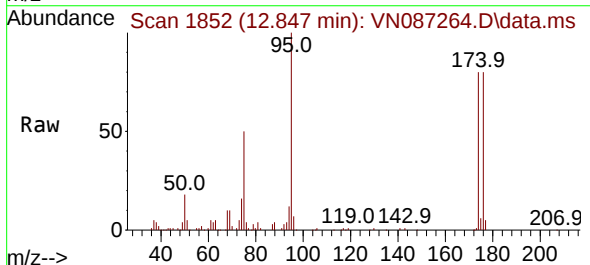
Manual Integrations
APPROVED

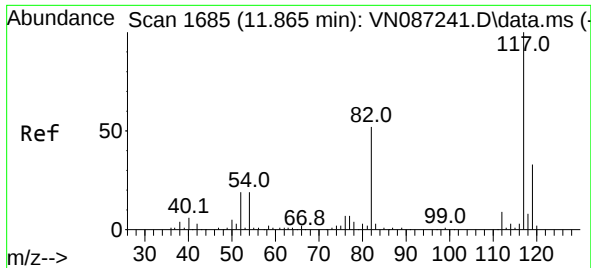
Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025



#62
4-Bromofluorobenzene
Concen: 48.166 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN087264.D
Acq: 03 Jul 2025 12:39

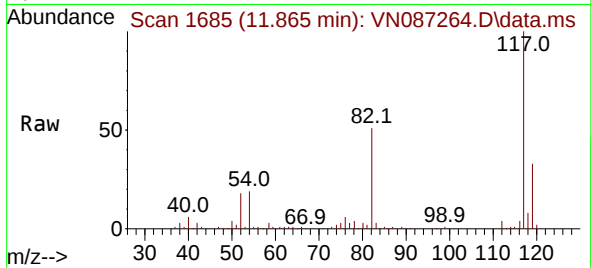
Tgt Ion: 95 Resp: 151867
Ion Ratio Lower Upper
95 100
174 82.4 0.0 169.6
176 79.5 0.0 161.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN087264.D
Acq: 03 Jul 2025 12:39

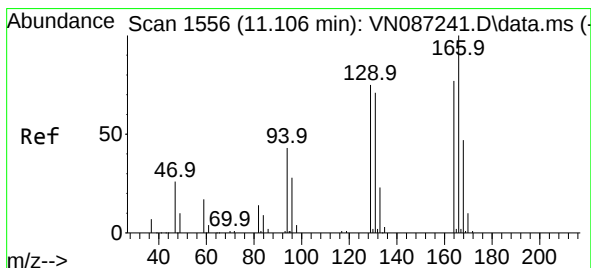
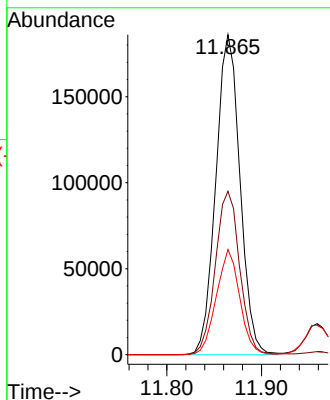
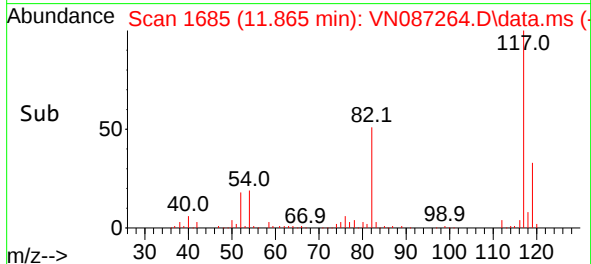
Instrument :
MSVOA_N
ClientSampleId :
VN0703WBSD01



Tgt Ion:117 Resp: 330452
Ion Ratio Lower Upper
117 100
82 51.1 41.9 62.9
119 32.9 26.2 39.4

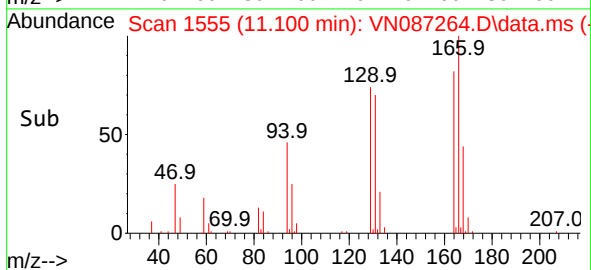
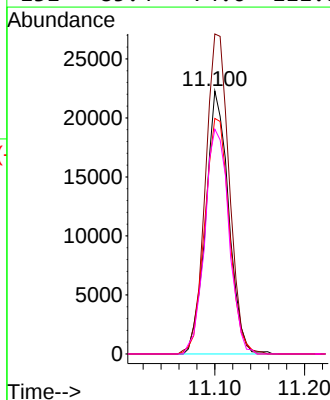
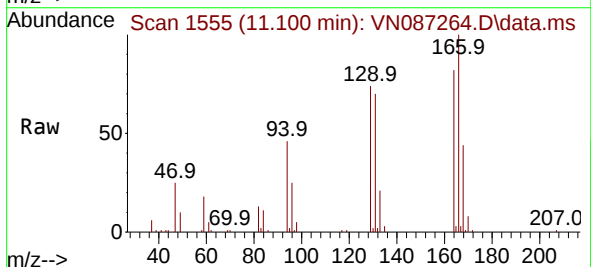
Manual Integrations
APPROVED

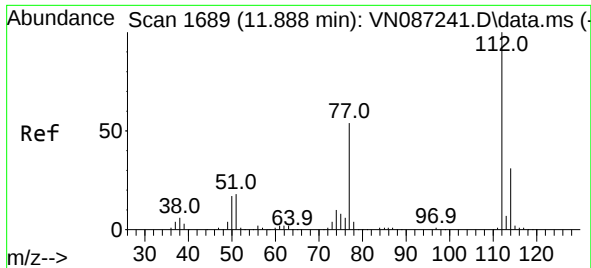
Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025



#64
Tetrachloroethene
Concen: 17.946 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.006 min
Lab File: VN087264.D
Acq: 03 Jul 2025 12:39

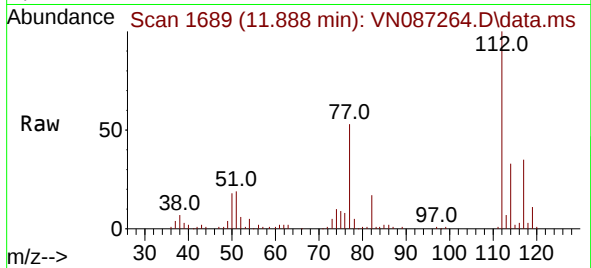
Tgt Ion:164 Resp: 39540
Ion Ratio Lower Upper
164 100
166 121.6 104.3 156.5
129 89.5 78.5 117.7
131 85.4 74.6 111.8





#65
Chlorobenzene
Concen: 17.882 ug/l
RT: 11.888 min Scan# 112
Delta R.T. -0.000 min
Lab File: VN087264.D
Acq: 03 Jul 2025 12:39

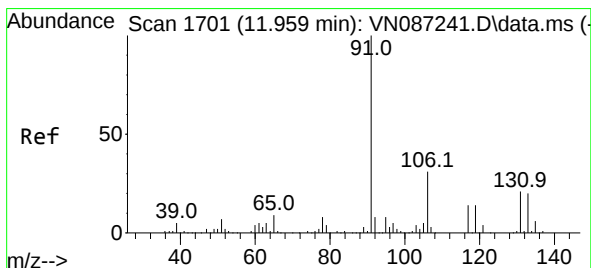
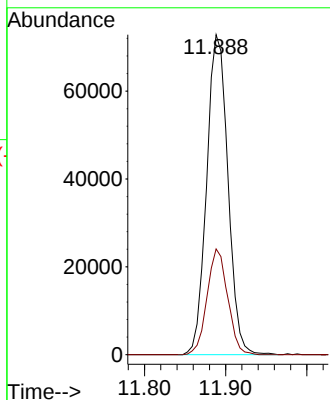
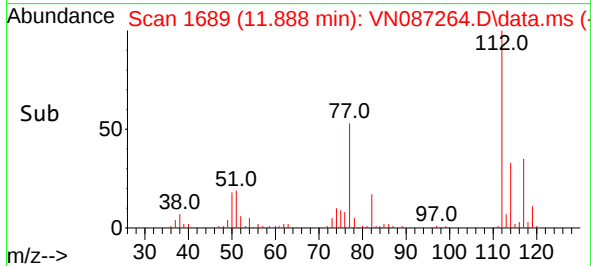
Instrument :
MSVOA_N
ClientSampleId :
VN0703WBSD01



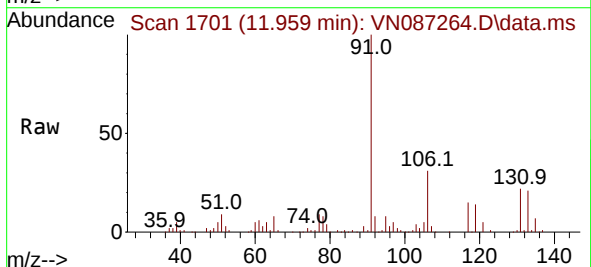
Tgt Ion:112 Resp: 132592
Ion Ratio Lower Upper
112 100
114 33.0 24.4 36.6

Manual Integrations
APPROVED

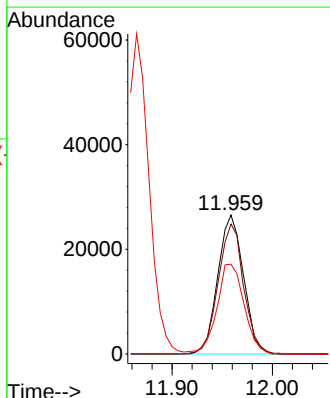
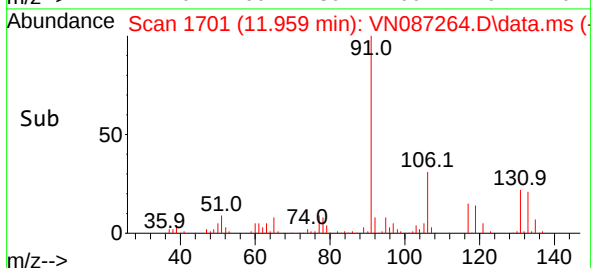
Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025

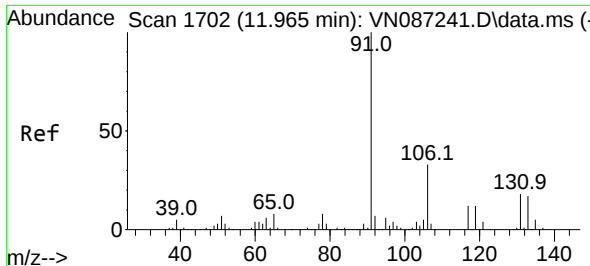


#66
1,1,1,2-Tetrachloroethane
Concen: 18.404 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN087264.D
Acq: 03 Jul 2025 12:39



Tgt Ion:131 Resp: 47121
Ion Ratio Lower Upper
131 100
133 92.7 47.2 141.6
119 68.5 32.4 97.2





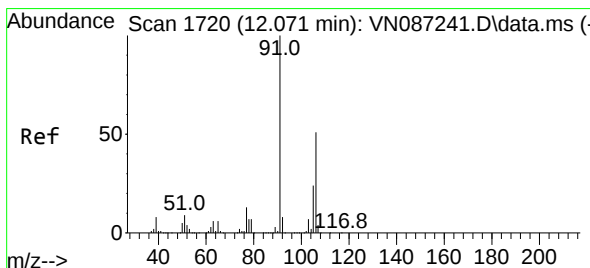
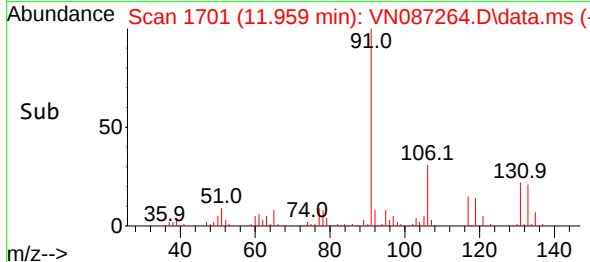
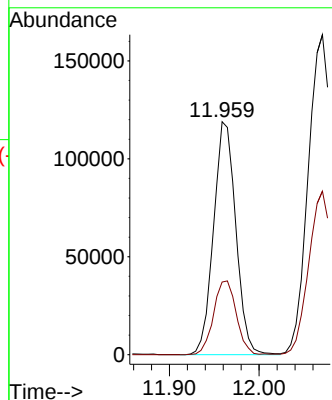
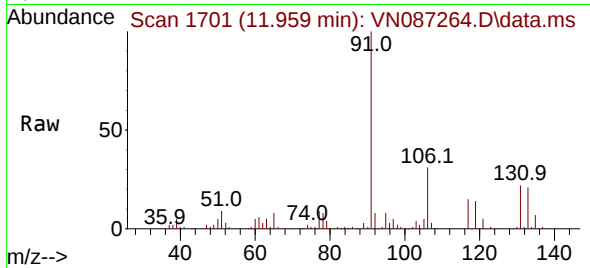
#67
Ethyl Benzene
Concen: 17.101 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN087264.D
Acq: 03 Jul 2025 12:39

Instrument :
MSVOA_N
ClientSampleId :
VN0703WBSD01

Tgt Ion: 91 Resp: 205180
Ion Ratio Lower Upper
91 100
106 31.2 26.2 39.4

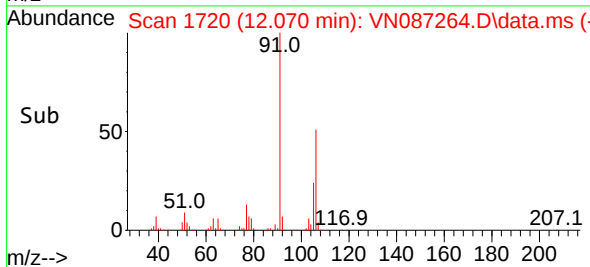
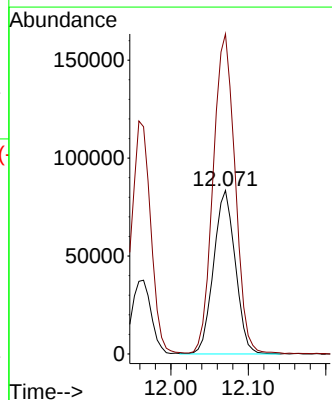
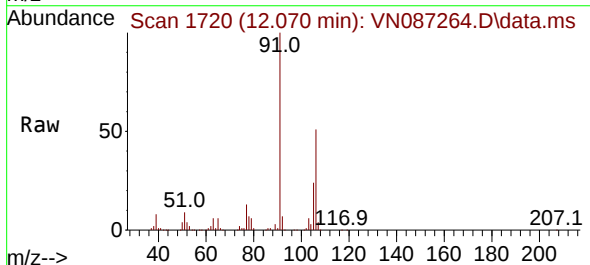
Manual Integrations
APPROVED

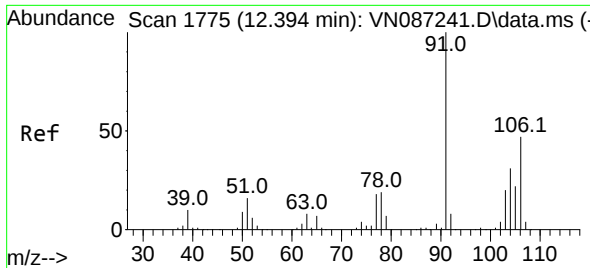
Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025



#68
m/p-Xylenes
Concen: 33.972 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN087264.D
Acq: 03 Jul 2025 12:39

Tgt Ion:106 Resp: 162853
Ion Ratio Lower Upper
106 100
91 198.1 158.2 237.2





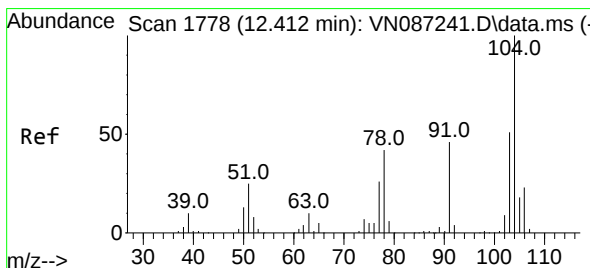
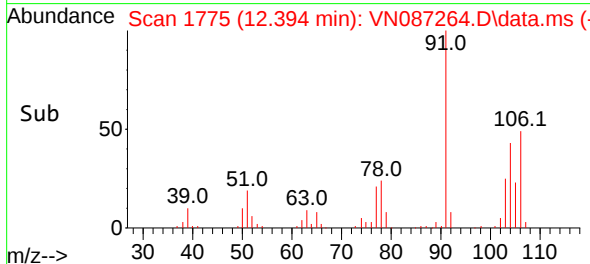
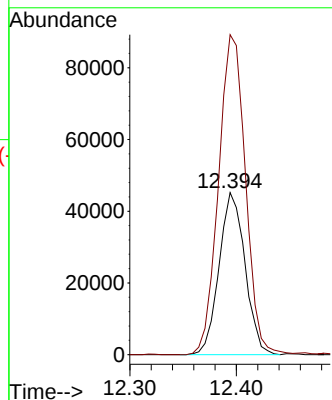
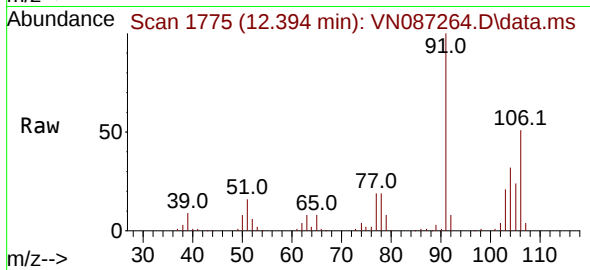
#69
o-Xylene
Concen: 17.030 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN087264.D
Acq: 03 Jul 2025 12:39

Instrument :
MSVOA_N
ClientSampleId :
VN0703WBSD01

Tgt Ion:106 Resp: 7636
Ion Ratio Lower Upper
106 100
91 205.3 105.4 316.1

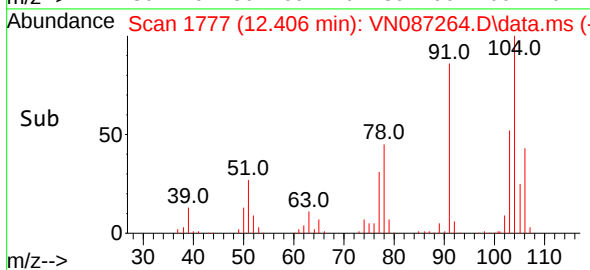
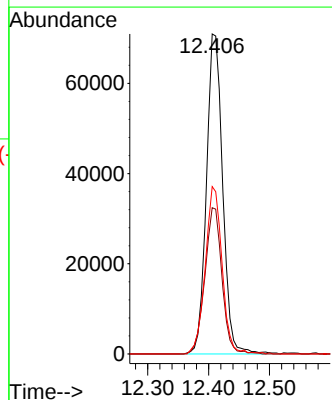
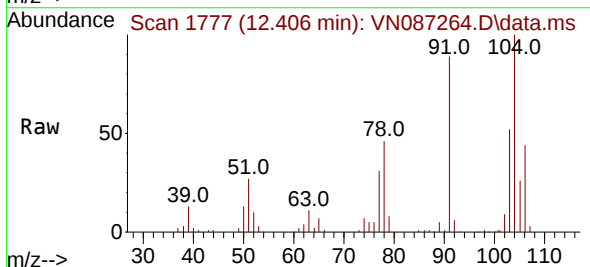
Manual Integrations
APPROVED

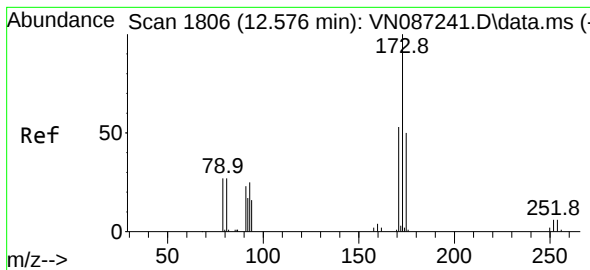
Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025



#70
Styrene
Concen: 17.278 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.006 min
Lab File: VN087264.D
Acq: 03 Jul 2025 12:39

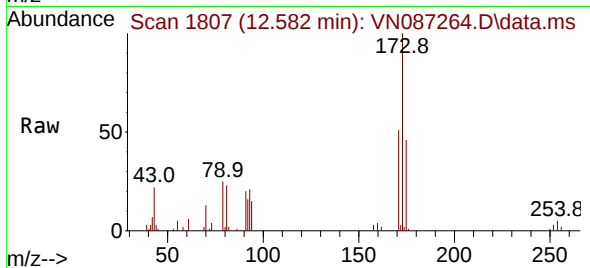
Tgt Ion:104 Resp: 131670
Ion Ratio Lower Upper
104 100
78 48.0 37.6 56.4
103 54.2 44.0 66.0





#71
Bromoform
Concen: 19.204 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VN087264.D
Acq: 03 Jul 2025 12:39

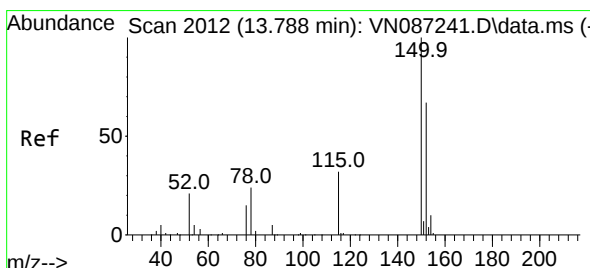
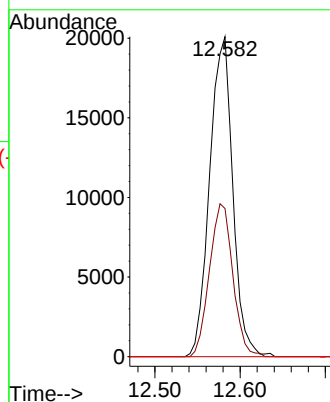
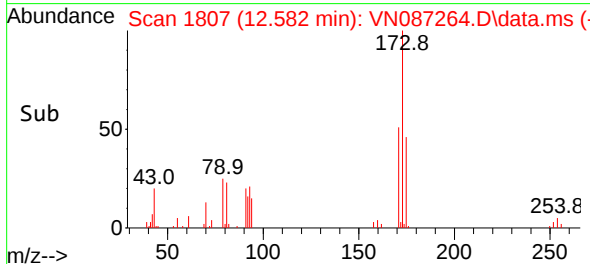
Instrument :
MSVOA_N
ClientSampleId :
VN0703WBSD01



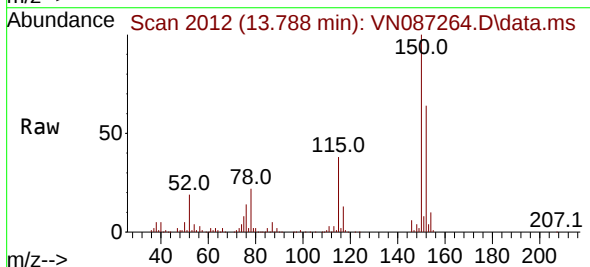
Tgt Ion:173 Resp: 3793
Ion Ratio Lower Upper
173 100
175 48.4 24.6 73.6
254 0.0 0.0 0.0

Manual Integrations
APPROVED

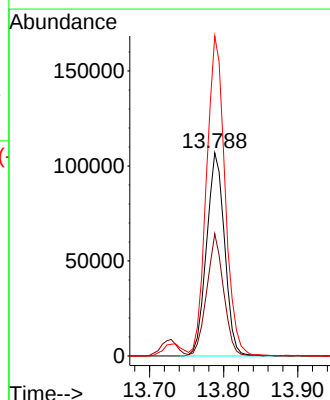
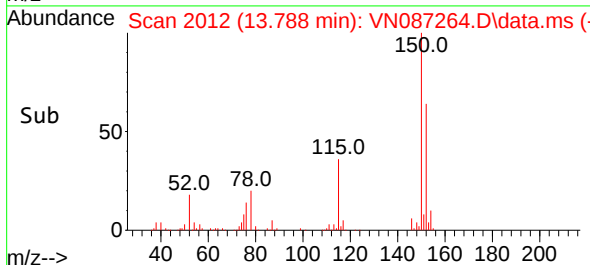
Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025

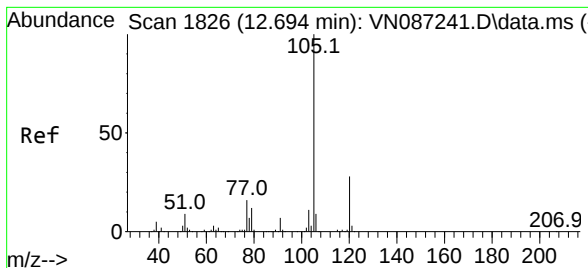


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN087264.D
Acq: 03 Jul 2025 12:39



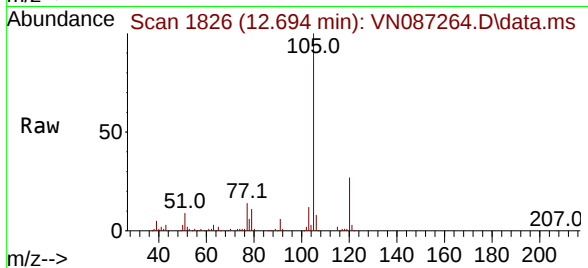
Tgt Ion:152 Resp: 180696
Ion Ratio Lower Upper
152 100
115 56.0 28.3 84.9
150 161.8 0.0 344.6





#73
Isopropylbenzene
Concen: 16.937 ug/l
RT: 12.694 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087264.D
Acq: 03 Jul 2025 12:39

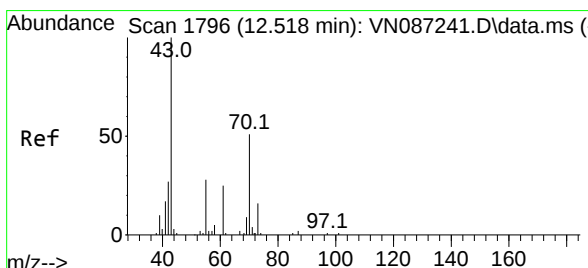
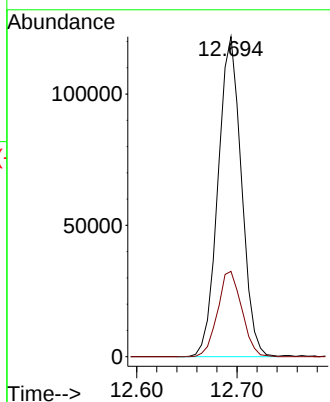
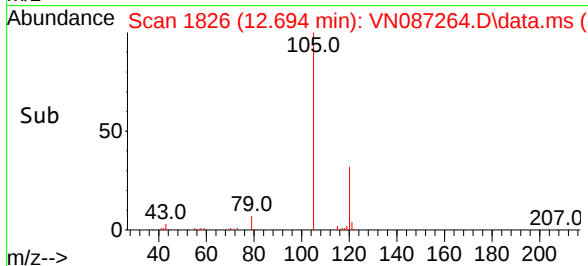
Instrument :
MSVOA_N
ClientSampleId :
VN0703WBSD01



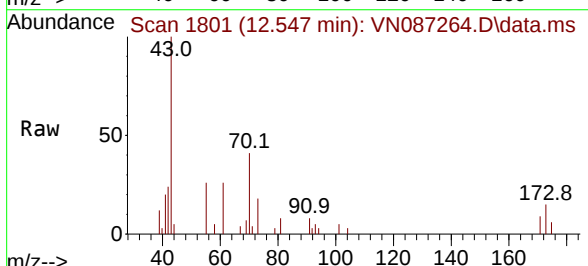
Tgt Ion:105 Resp: 19720
Ion Ratio Lower Upper
105 100
120 27.6 13.9 41.6

Manual Integrations
APPROVED

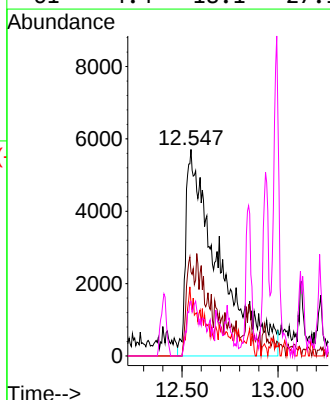
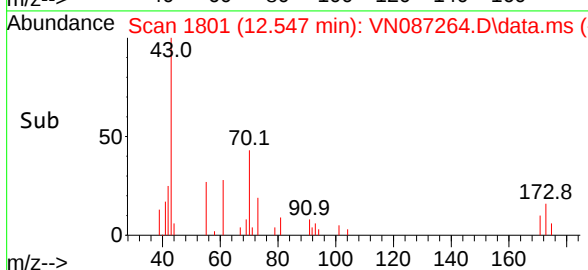
Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025

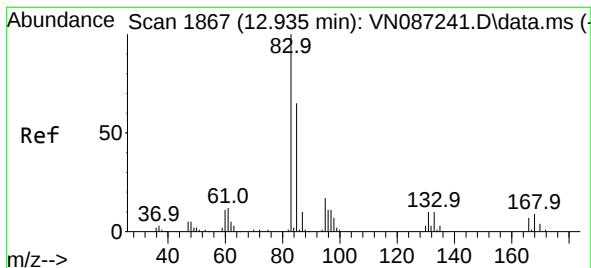


#74
N-ethyl acetate
Concen: 17.708 ug/l m
RT: 12.547 min Scan# 1801
Delta R.T. 0.029 min
Lab File: VN087264.D
Acq: 03 Jul 2025 12:39



Tgt Ion: 43 Resp: 67800
Ion Ratio Lower Upper
43 100
70 10.7 29.2 43.8#
55 8.2 17.0 25.4#
61 4.4 18.1 27.1#





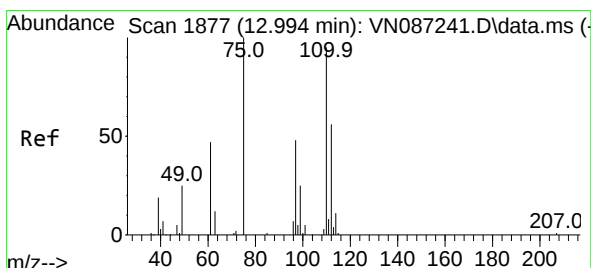
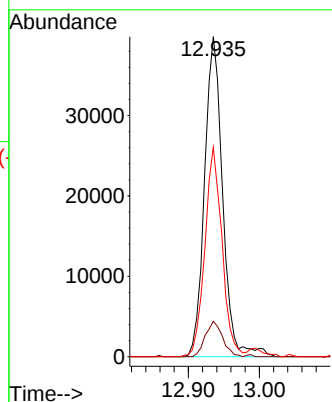
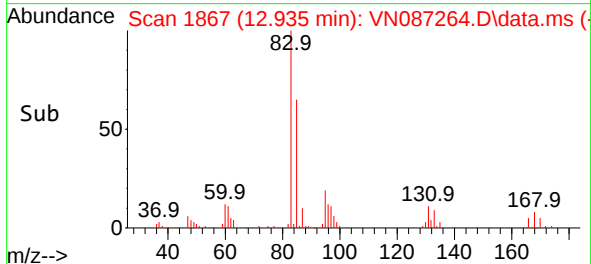
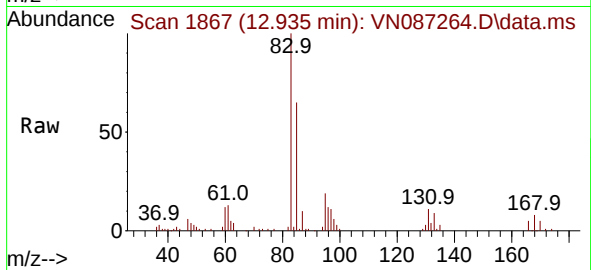
#75
1,1,2,2-Tetrachloroethane
Concen: 18.492 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN087264.D
Acq: 03 Jul 2025 12:39

Instrument :
MSVOA_N
ClientSampleId :
VN0703WBSD01

Tgt Ion: 83 Resp: 70818
Ion Ratio Lower Upper
83 100
131 10.5 5.3 15.9
85 61.9 32.2 96.6

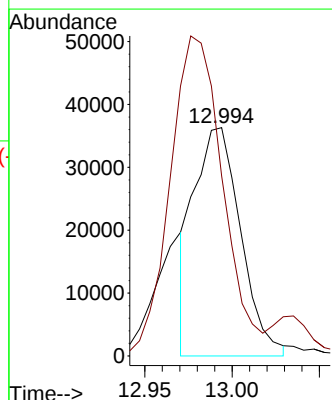
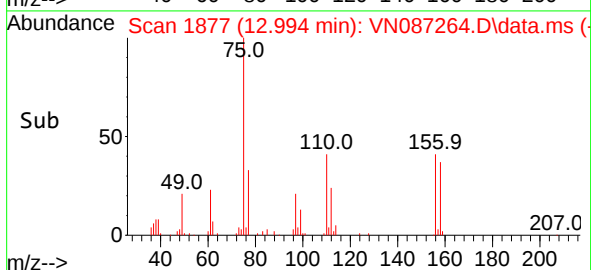
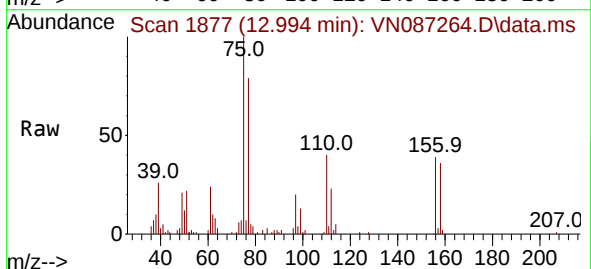
Manual Integrations
APPROVED

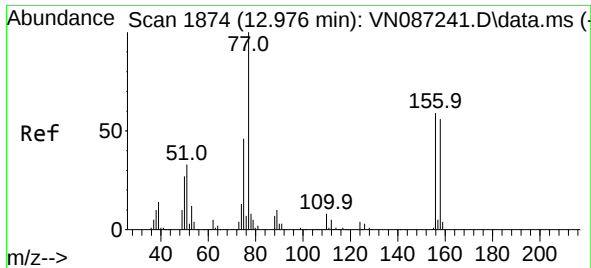
Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025



#76
1,2,3-Trichloropropane
Concen: 19.593 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN087264.D
Acq: 03 Jul 2025 12:39

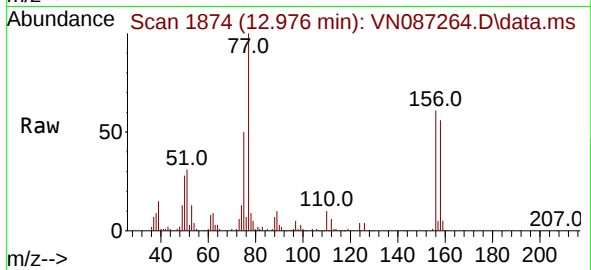
Tgt Ion: 75 Resp: 67340
Ion Ratio Lower Upper
75 100
77 158.8 82.0 245.8





#77
Bromobenzene
Concen: 18.144 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN087264.D
Acq: 03 Jul 2025 12:39

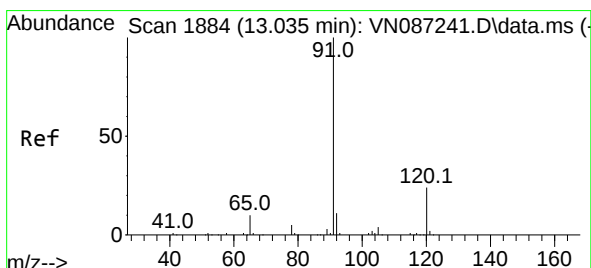
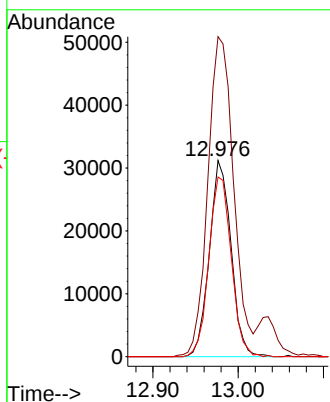
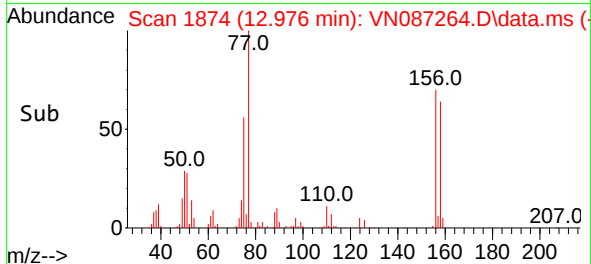
Instrument :
MSVOA_N
ClientSampleId :
VN0703WBSD01



Tgt Ion:156 Resp: 55144
Ion Ratio Lower Upper
156 100
77 193.9 98.0 294.1
158 94.7 47.7 143.1

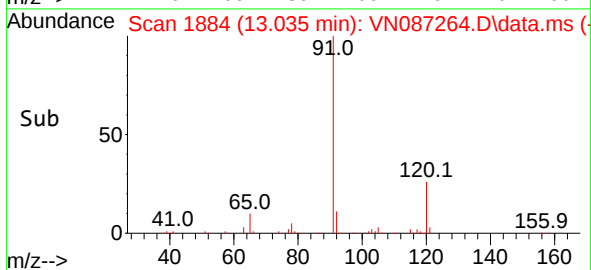
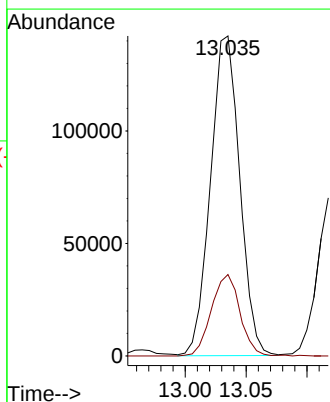
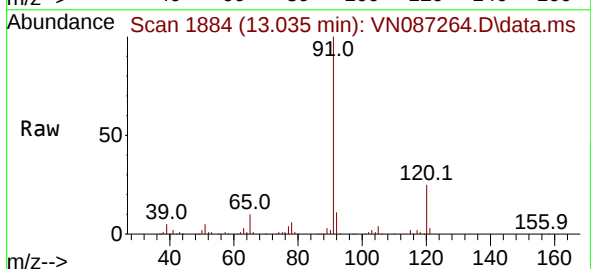
Manual Integrations
APPROVED

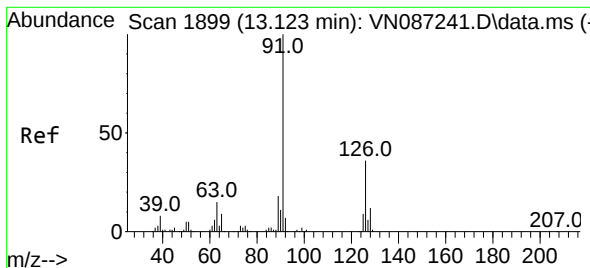
Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025



#78
n-propylbenzene
Concen: 16.899 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN087264.D
Acq: 03 Jul 2025 12:39

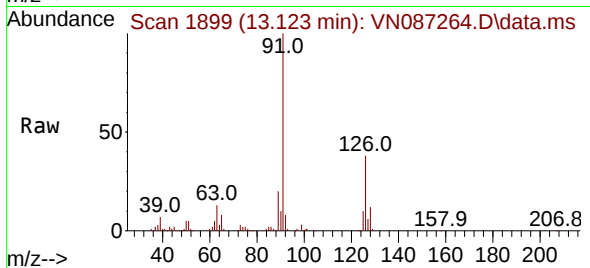
Tgt Ion: 91 Resp: 237670
Ion Ratio Lower Upper
91 100
120 24.8 12.0 36.0





#79
2-Chlorotoluene
Concen: 16.728 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN087264.D
Acq: 03 Jul 2025 12:39

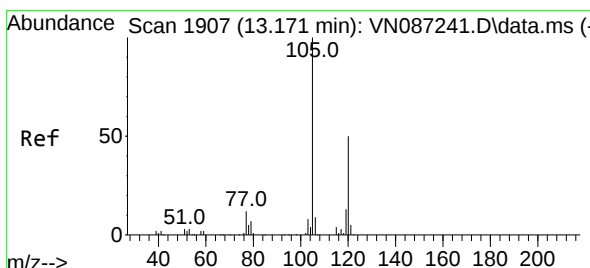
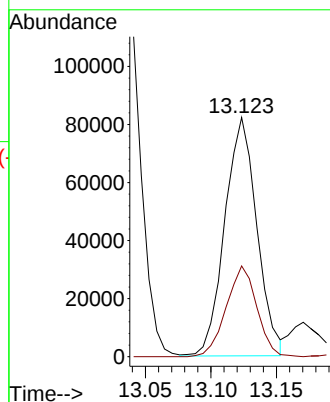
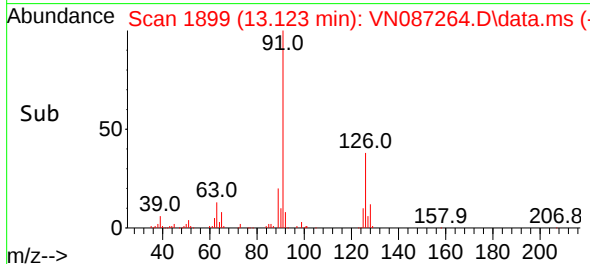
Instrument :
MSVOA_N
ClientSampleId :
VN0703WBSD01



Tgt Ion: 91 Resp: 140009
Ion Ratio Lower Upper
91 100
126 36.2 17.8 53.3

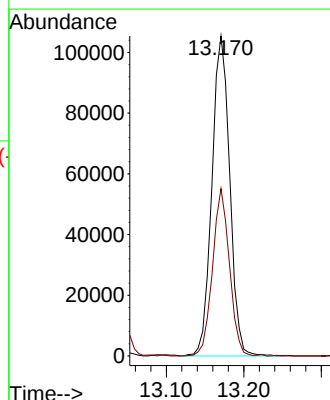
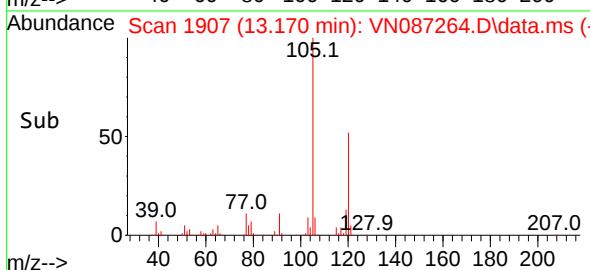
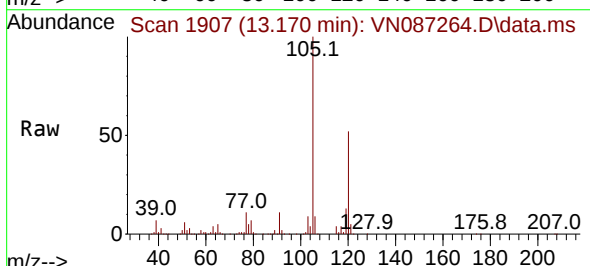
Manual Integrations
APPROVED

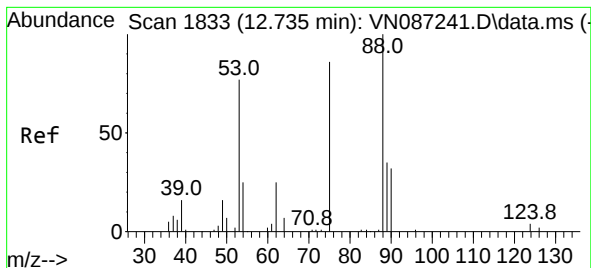
Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025



#80
1,3,5-Trimethylbenzene
Concen: 17.320 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN087264.D
Acq: 03 Jul 2025 12:39

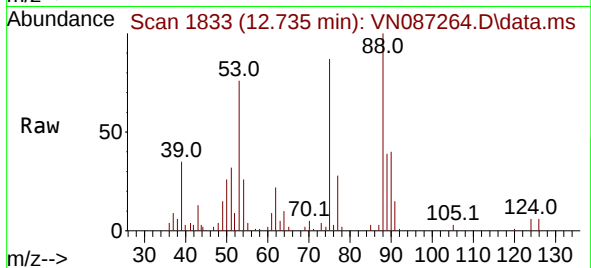
Tgt Ion:105 Resp: 168553
Ion Ratio Lower Upper
105 100
120 49.6 25.3 75.8





#81
trans-1,4-Dichloro-2-butene
Concen: 15.674 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN087264.D
Acq: 03 Jul 2025 12:39

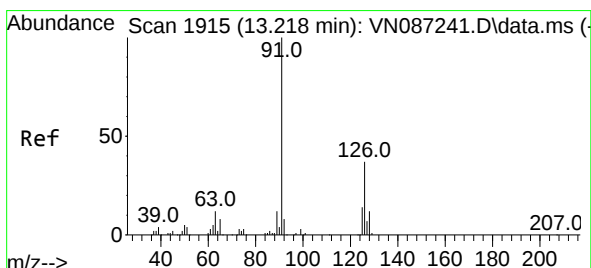
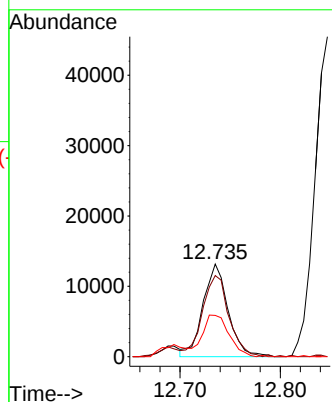
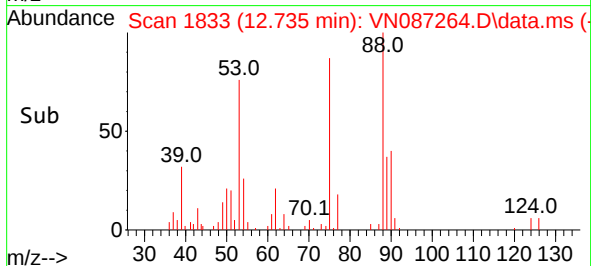
Instrument :
MSVOA_N
ClientSampleId :
VN0703WBSD01



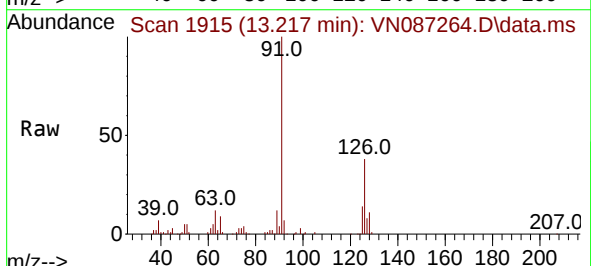
Tgt Ion: 75 Resp: 22934
Ion Ratio Lower Upper
75 100
53 92.2 70.6 105.8
89 48.3 36.1 54.1

Manual Integrations
APPROVED

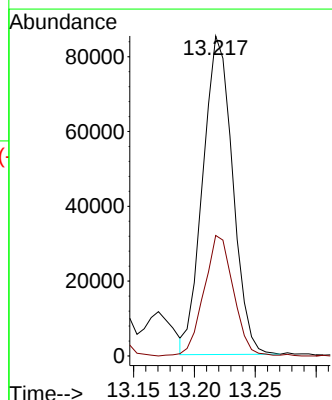
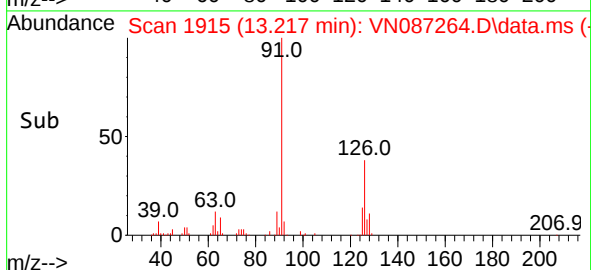
Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025

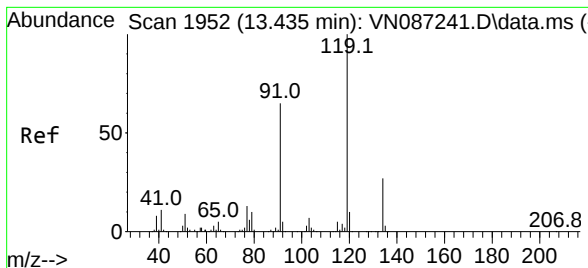


#82
4-Chlorotoluene
Concen: 16.552 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.001 min
Lab File: VN087264.D
Acq: 03 Jul 2025 12:39



Tgt Ion: 91 Resp: 145027
Ion Ratio Lower Upper
91 100
126 37.4 18.2 54.6





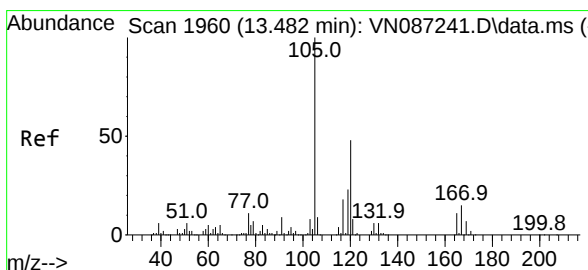
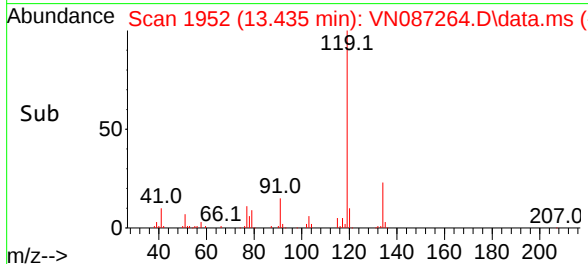
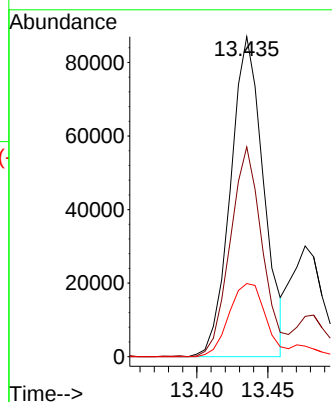
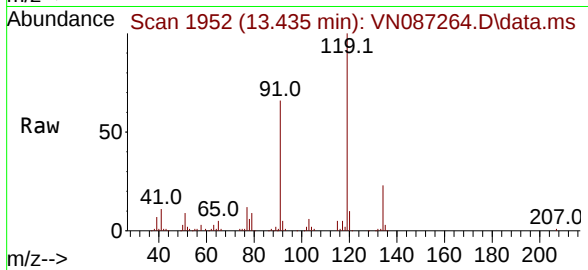
#83
tert-Butylbenzene
Concen: 16.515 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN087264.D
Acq: 03 Jul 2025 12:39

Instrument :
MSVOA_N
ClientSampleId :
VN0703WBSD01

Tgt Ion:119 Resp: 14081
Ion Ratio Lower Upper
119 100
91 64.7 32.5 97.4
134 25.5 14.2 42.8

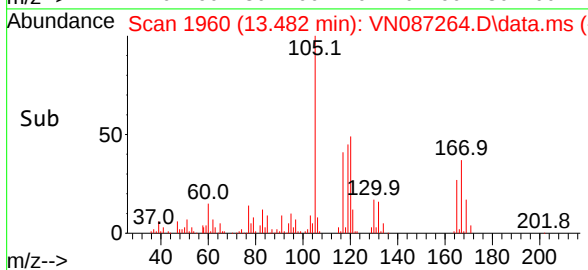
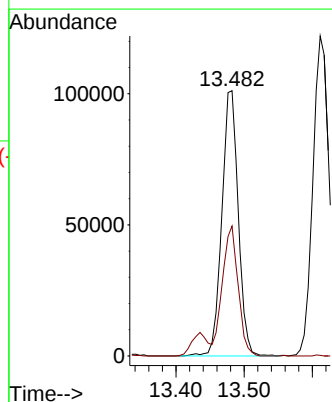
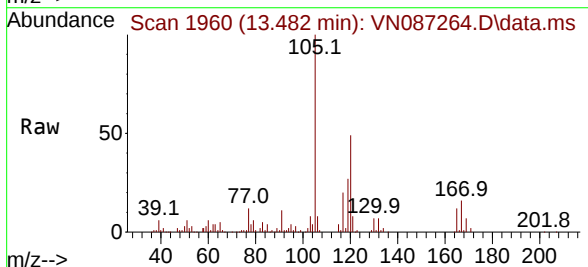
Manual Integrations
APPROVED

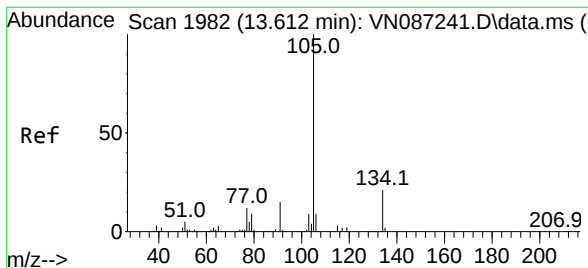
Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025



#84
1,2,4-Trimethylbenzene
Concen: 17.386 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN087264.D
Acq: 03 Jul 2025 12:39

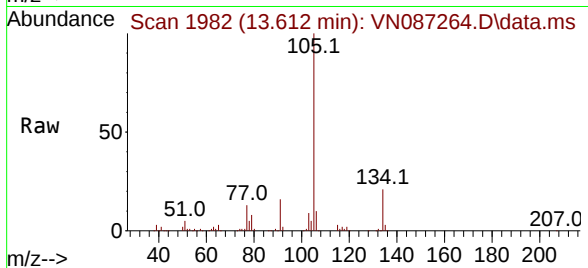
Tgt Ion:105 Resp: 169493
Ion Ratio Lower Upper
105 100
120 47.0 23.3 69.9





#85
 sec-Butylbenzene
 Concen: 16.745 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN087264.D
 Acq: 03 Jul 2025 12:39

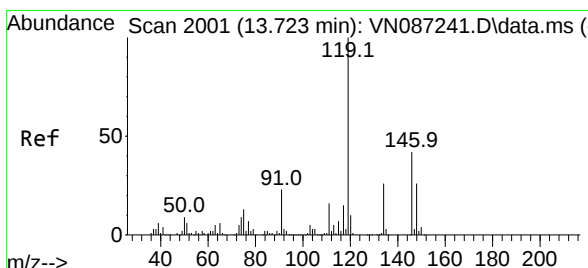
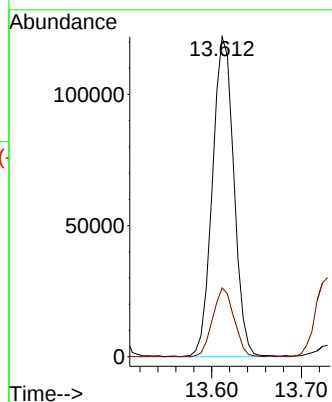
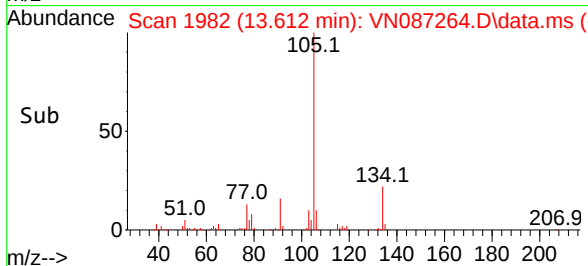
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0703WBSD01



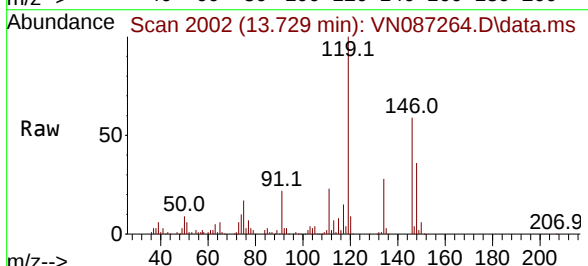
Tgt Ion:105 Resp: 20238
 Ion Ratio Lower Upper
 105 100
 134 21.4 10.4 31.4

Manual Integrations
 APPROVED

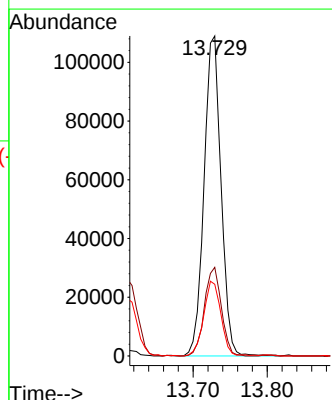
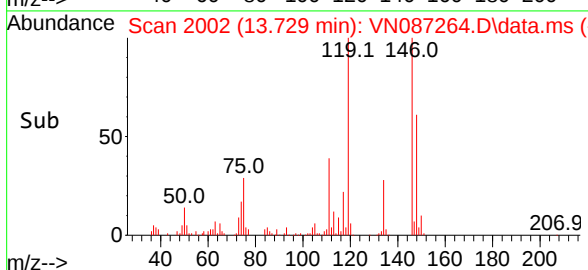
Reviewed By :John Carlone 07/07/2025
 Supervised By :Mahesh Dadoda 07/07/2025

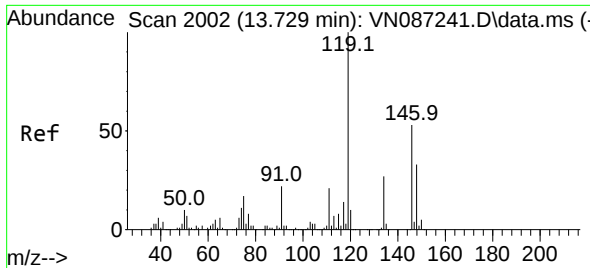


#86
 p-Isopropyltoluene
 Concen: 16.725 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.006 min
 Lab File: VN087264.D
 Acq: 03 Jul 2025 12:39



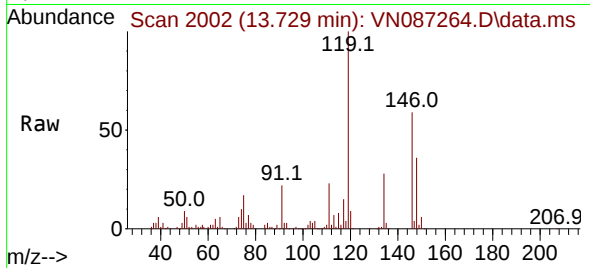
Tgt Ion:119 Resp: 173754
 Ion Ratio Lower Upper
 119 100
 134 27.6 13.3 39.8
 91 23.6 11.3 33.9





#87
1,3-Dichlorobenzene
Concen: 17.874 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN087264.D
Acq: 03 Jul 2025 12:39

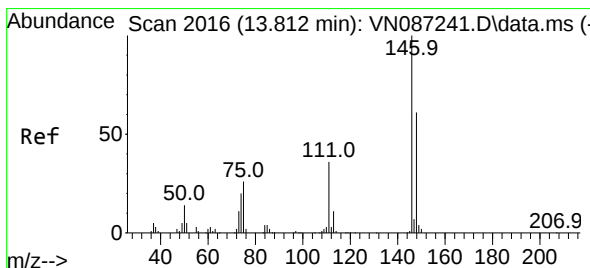
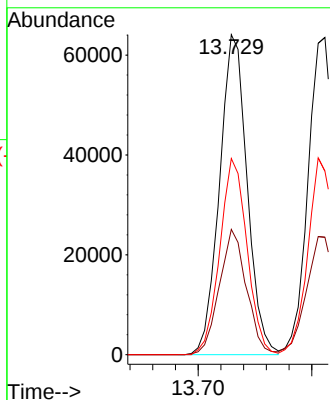
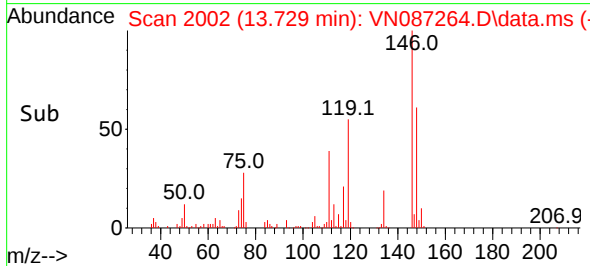
Instrument :
MSVOA_N
ClientSampleId :
VN0703WBSD01



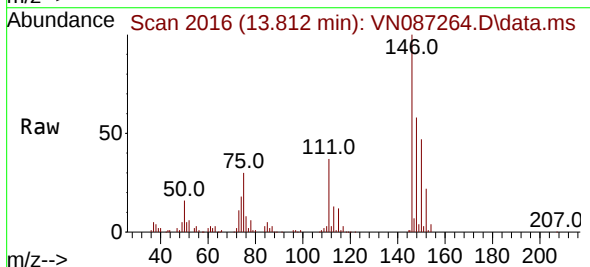
Tgt Ion:146 Resp: 108180
Ion Ratio Lower Upper
146 100
111 38.6 19.8 59.4
148 60.5 32.0 96.0

Manual Integrations
APPROVED

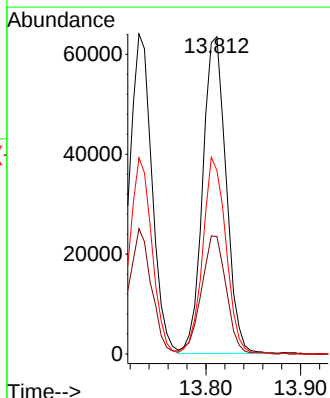
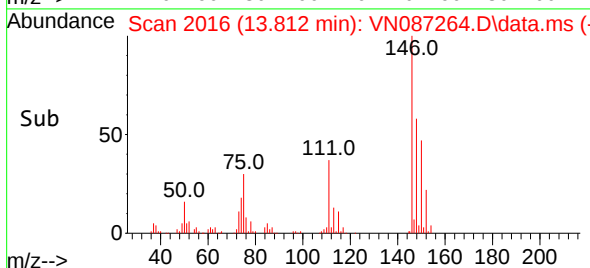
Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025

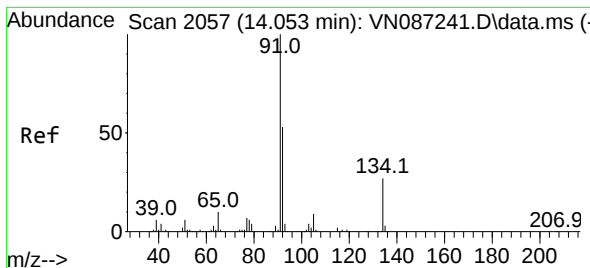


#88
1,4-Dichlorobenzene
Concen: 17.200 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN087264.D
Acq: 03 Jul 2025 12:39



Tgt Ion:146 Resp: 108699
Ion Ratio Lower Upper
146 100
111 39.8 19.1 57.5
148 62.0 31.8 95.3





#89

n-Butylbenzene

Concen: 16.520 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. -0.000 min

Lab File: VN087264.D

Acq: 03 Jul 2025 12:39

Instrument :

MSVOA_N

ClientSampleId :

VN0703WBSD01

Tgt Ion: 91 Resp: 151104

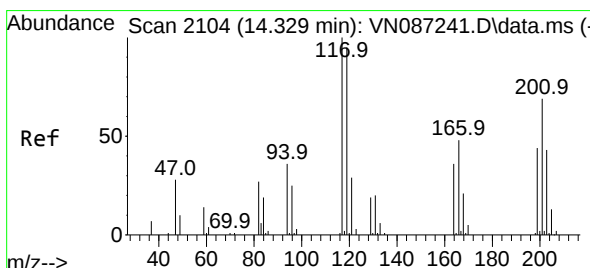
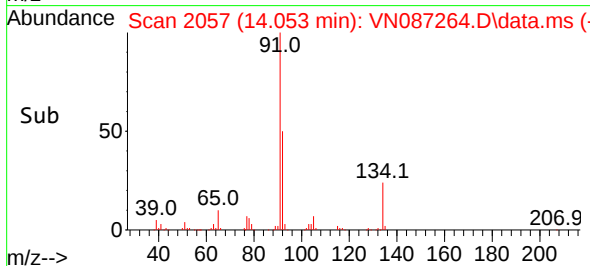
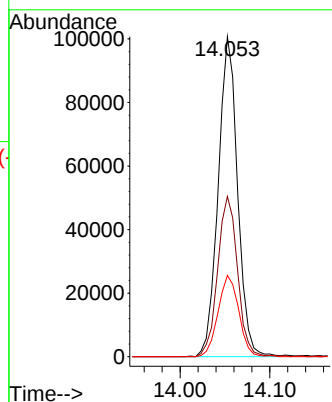
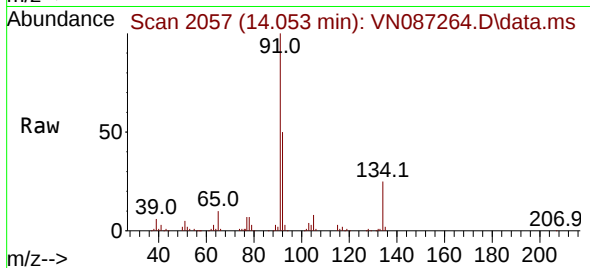
Ion	Ratio	Lower	Upper
91	100		
92	51.4	26.7	80.0
134	27.1	13.7	41.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/07/2025

Supervised By :Mahesh Dadoda 07/07/2025



#90

Hexachloroethane

Concen: 17.555 ug/l

RT: 14.335 min Scan# 2105

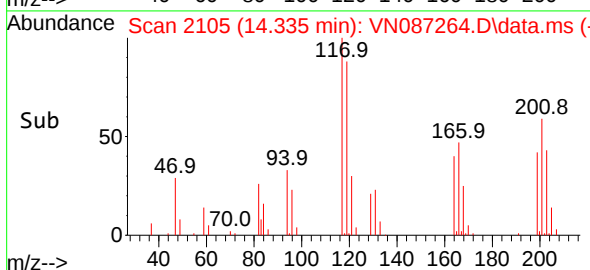
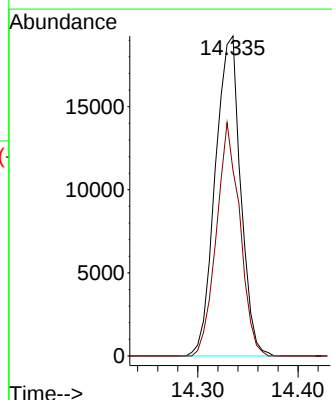
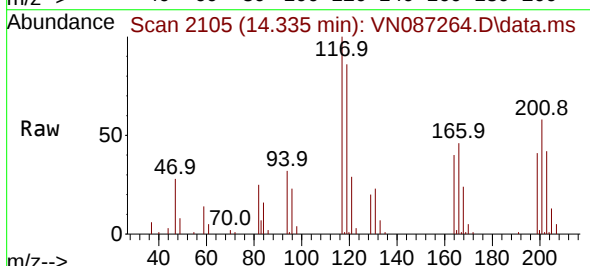
Delta R.T. 0.006 min

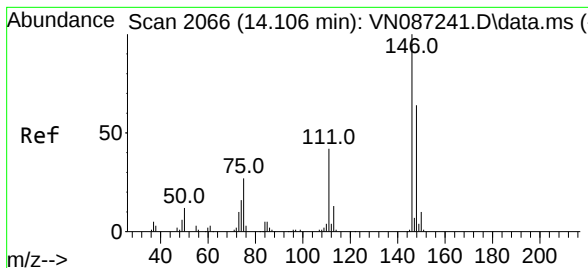
Lab File: VN087264.D

Acq: 03 Jul 2025 12:39

Tgt Ion:117 Resp: 33756

Ion	Ratio	Lower	Upper
117	100		
201	67.3	35.8	107.4





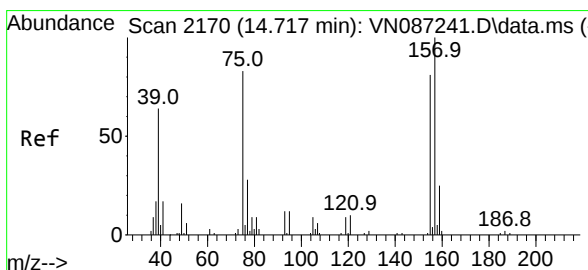
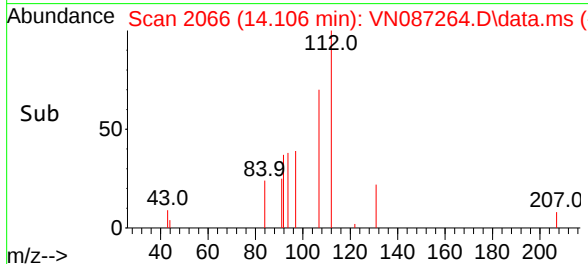
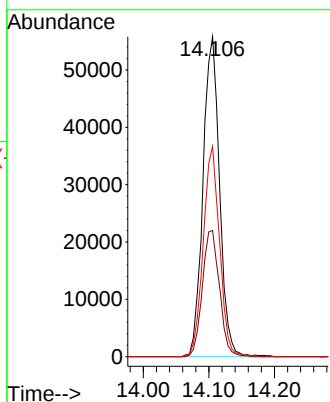
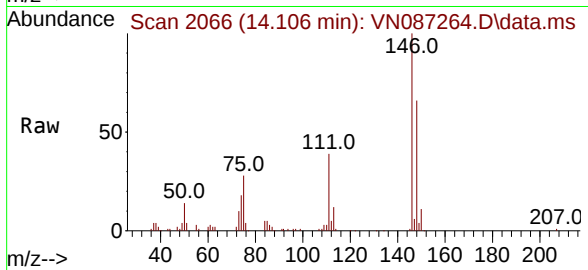
#91
1,2-Dichlorobenzene
Concen: 17.356 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN087264.D
Acq: 03 Jul 2025 12:39

Instrument :
MSVOA_N
ClientSampleId :
VN0703WBSD01

Tgt Ion:146 Resp: 98240
Ion Ratio Lower Upper
146 100
111 40.6 20.5 61.6
148 64.7 31.4 94.3

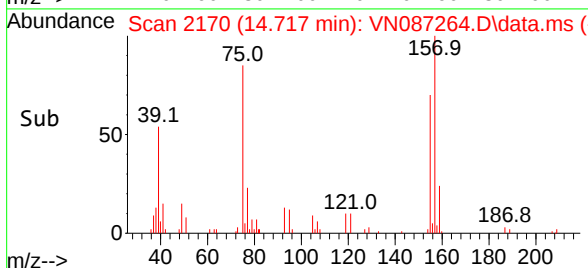
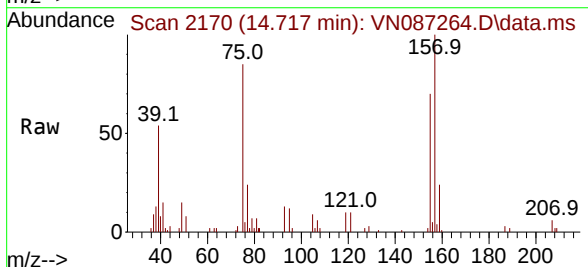
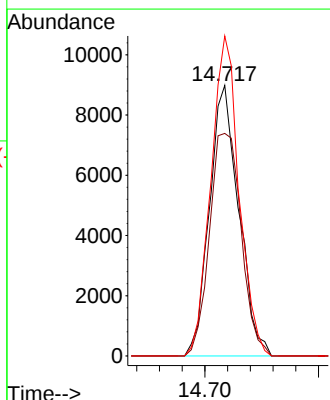
Manual Integrations
APPROVED

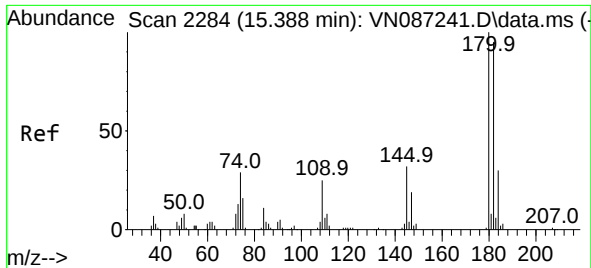
Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 17.503 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN087264.D
Acq: 03 Jul 2025 12:39

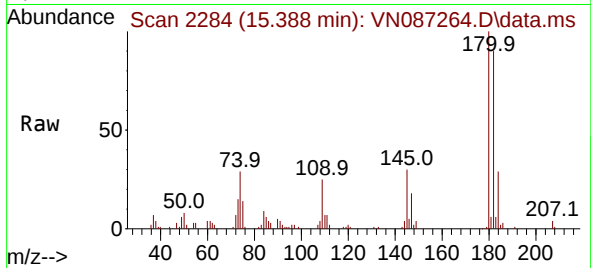
Tgt Ion: 75 Resp: 16109
Ion Ratio Lower Upper
75 100
155 89.1 46.8 140.3
157 113.7 58.1 174.4





#93
1,2,4-Trichlorobenzene
Concen: 16.992 ug/l
RT: 15.388 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN087264.D
Acq: 03 Jul 2025 12:39

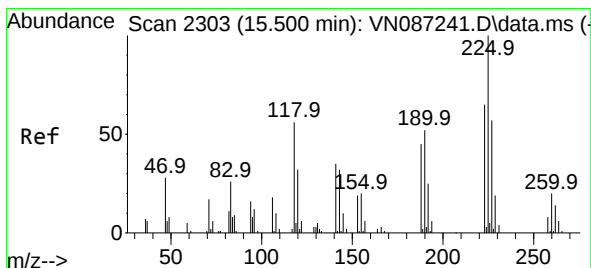
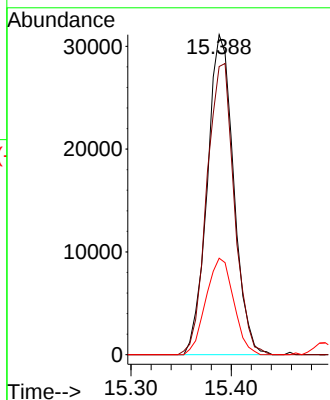
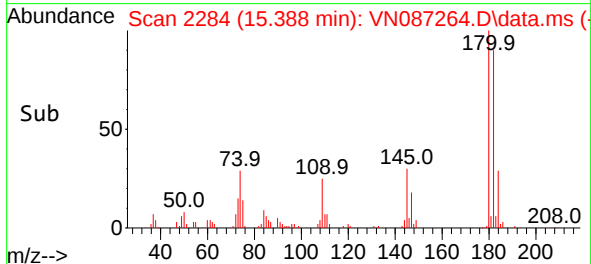
Instrument :
MSVOA_N
ClientSampleId :
VN0703WBSD01



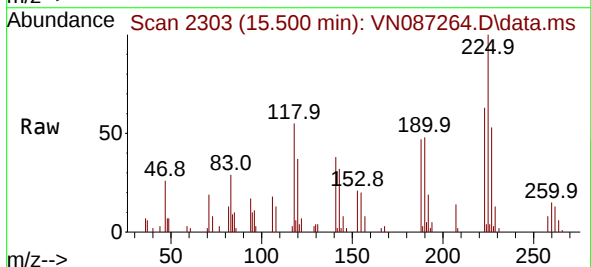
Tgt Ion:180 Resp: 5688
Ion Ratio Lower Upper
180 100
182 94.3 48.0 144.0
145 31.7 15.4 46.2

Manual Integrations
APPROVED

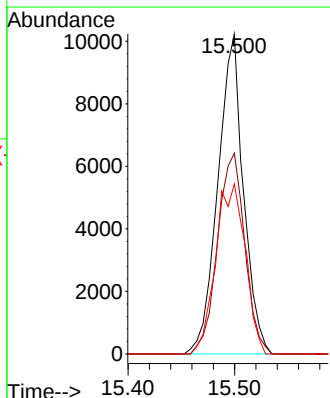
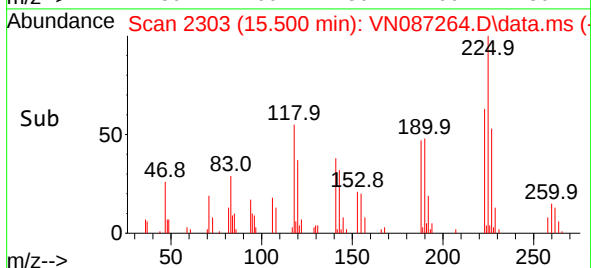
Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025

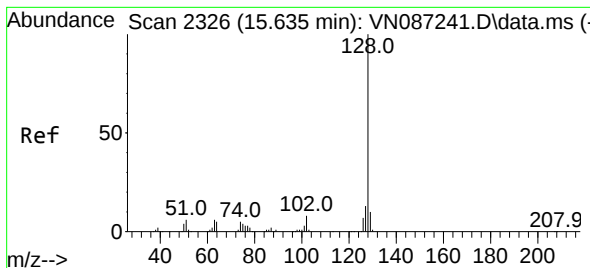


#94
Hexachlorobutadiene
Concen: 16.046 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN087264.D
Acq: 03 Jul 2025 12:39



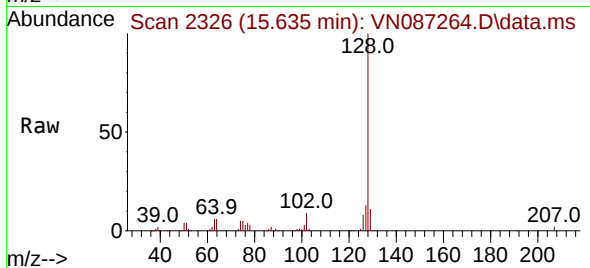
Tgt Ion:225 Resp: 17062
Ion Ratio Lower Upper
225 100
223 66.9 33.5 100.4
227 61.7 30.9 92.7





#95
Naphthalene
Concen: 16.568 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. -0.000 min
Lab File: VN087264.D
Acq: 03 Jul 2025 12:39

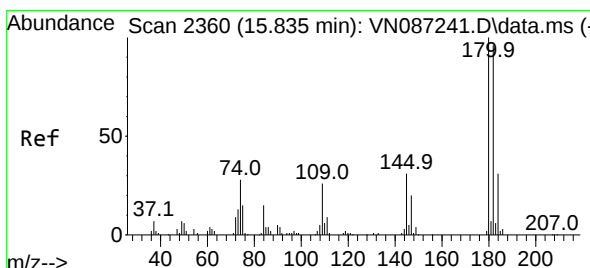
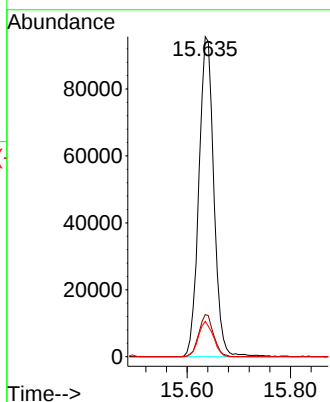
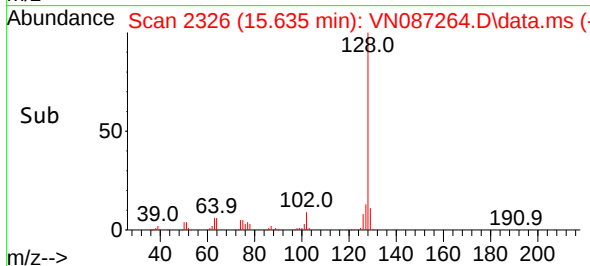
Instrument :
MSVOA_N
ClientSampleId :
VN0703WBSD01



Tgt Ion:128 Resp: 191880
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 11.0 8.6 12.8

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 17.312 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN087264.D
Acq: 03 Jul 2025 12:39

Tgt Ion:180 Resp: 56459
Ion Ratio Lower Upper
180 100
182 90.0 47.7 143.1
145 32.2 15.7 47.1

