

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081525\
 Data File : VN087584.D
 Acq On : 15 Aug 2025 16:02
 Operator : JC\MD
 Sample : VN0815MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0815MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/18/2025
 Supervised By : Mahesh Dadoda 08/19/2025

Quant Time: Aug 18 05:45:45 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 17 02:56:13 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.212	168	260848	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.088	114	520438	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	470615	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	238094	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	243295	54.969	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.940%			
35) Dibromofluoromethane	8.153	113	170992	47.630	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.260%			
50) Toluene-d8	10.547	98	613711	47.924	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 95.840%			
62) 4-Bromofluorobenzene	12.829	95	237971	50.299	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 100.600%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	65346	23.586	ug/l	93
3) Chloromethane	2.389	50	66322	19.036	ug/l	99
4) Vinyl Chloride	2.542	62	76063	21.968	ug/l	95
5) Bromomethane	2.983	94	34386	19.178	ug/l	93
6) Chloroethane	3.142	64	50058	22.169	ug/l	98
7) Trichlorofluoromethane	3.518	101	112288	21.932	ug/l	97
8) Diethyl Ether	3.959	74	51416	25.889	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.365	101	58644	22.313	ug/l	97
10) Methyl Iodide	4.589	142	34601	16.987	ug/l	90
11) Tert butyl alcohol	5.530	59	103134	122.719	ug/l	97
12) 1,1-Dichloroethene	4.341	96	64280	21.583	ug/l	95
13) Acrolein	4.177	56	58887	87.312	ug/l	98
14) Allyl chloride	5.018	41	111148	20.622	ug/l	90
15) Acrylonitrile	5.712	53	236403	103.661	ug/l	95
16) Acetone	4.424	43	232140	111.862	ug/l	97
17) Carbon Disulfide	4.706	76	154862	17.539	ug/l #	94
18) Methyl Acetate	5.018	43	135312	25.953	ug/l	99
19) Methyl tert-butyl Ether	5.794	73	265235	24.162	ug/l	92
20) Methylene Chloride	5.259	84	75420	21.129	ug/l	96
21) trans-1,2-Dichloroethene	5.777	96	65630	19.544	ug/l	99
22) Diisopropyl ether	6.665	45	266514	23.573	ug/l	94
23) Vinyl Acetate	6.594	43	1082413m	109.467	ug/l	
24) 1,1-Dichloroethane	6.559	63	138465	21.229	ug/l	97
25) 2-Butanone	7.471	43	356054	111.043	ug/l	99
26) 2,2-Dichloropropane	7.477	77	112624	22.209	ug/l	98
27) cis-1,2-Dichloroethene	7.477	96	87392	22.604	ug/l	97
28) Bromochloromethane	7.800	49	64763	20.746	ug/l	92
29) Tetrahydrofuran	7.829	42	218654	104.971	ug/l	97
30) Chloroform	7.953	83	146917	22.503	ug/l	98
31) Cyclohexane	8.241	56	117517	21.597	ug/l	96
32) 1,1,1-Trichloroethane	8.153	97	123324	21.809	ug/l	93
36) 1,1-Dichloropropene	8.359	75	94048	19.829	ug/l	99
37) Ethyl Acetate	7.553	43	132266	19.309	ug/l	98
38) Carbon Tetrachloride	8.347	117	97562	18.673	ug/l	97
39) Methylcyclohexane	9.582	83	103251	20.107	ug/l	97
40) Benzene	8.588	78	301510	19.669	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	75960	21.208	ug/l	97
42) 1,2-Dichloroethane	8.653	62	120774	20.776	ug/l	97
43) Isopropyl Acetate	8.676	43	228889	21.525	ug/l	99
44) Trichloroethene	9.335	130	66098	18.248	ug/l	91
45) 1,2-Dichloropropane	9.600	63	77317	19.850	ug/l	95
46) Dibromomethane	9.694	93	60003	20.575	ug/l	96
47) Bromodichloromethane	9.871	83	118544	20.180	ug/l	99
48) Methyl methacrylate	9.665	41	103306	21.580	ug/l	94
49) 1,4-Dioxane	9.688	88	31980	436.172	ug/l #	96
51) 4-Methyl-2-Pentanone	10.429	43	699469	104.003	ug/l	99
52) Toluene	10.612	92	184471	19.798	ug/l	92
53) t-1,3-Dichloropropene	10.818	75	121219	20.390	ug/l	98
54) cis-1,3-Dichloropropene	10.294	75	127242	20.721	ug/l #	83
55) 1,1,2-Trichloroethane	11.000	97	76530	20.288	ug/l	92
56) Ethyl methacrylate	10.853	69	132115	21.594	ug/l #	92
57) 1,3-Dichloropropane	11.141	76	135674	20.802	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.141	63	339618	109.752	ug/l	99
59) 2-Hexanone	11.182	43	463193	103.806	ug/l	98
60) Dibromochloromethane	11.341	129	81101	18.852	ug/l	99
61) 1,2-Dibromoethane	11.453	107	79998	20.170	ug/l	94
64) Tetrachloroethene	11.082	164	52128	17.210	ug/l	94
65) Chlorobenzene	11.870	112	204545	19.359	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.941	131	72500	20.180	ug/l	98
67) Ethyl Benzene	11.941	91	360051	20.700	ug/l	97
68) m/p-Xylenes	12.053	106	266723	40.951	ug/l	95
69) o-Xylene	12.376	106	131044	21.063	ug/l	93
70) Styrene	12.394	104	221982	21.209	ug/l	95
71) Bromoform	12.559	173	50211	17.299	ug/l #	98
73) Isopropylbenzene	12.676	105	340037	22.692	ug/l	97
74) N-amyl acetate	12.535	43	127172m	20.426	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.917	83	119858	21.257	ug/l	100
76) 1,2,3-Trichloropropane	12.970	75	118118m	22.123	ug/l	
77) Bromobenzene	12.959	156	80901	20.817	ug/l	95
78) n-propylbenzene	13.017	91	421612	22.362	ug/l	98
79) 2-Chlorotoluene	13.106	91	256199	22.111	ug/l	97
80) 1,3,5-Trimethylbenzene	13.153	105	281674	22.061	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.723	75	31462	16.124	ug/l	84
82) 4-Chlorotoluene	13.200	91	259966	21.549	ug/l	97
83) tert-Butylbenzene	13.417	119	244351	22.914	ug/l	98
84) 1,2,4-Trimethylbenzene	13.459	105	293923	22.543	ug/l	95
85) sec-Butylbenzene	13.594	105	357702	22.270	ug/l	99
86) p-Isopropyltoluene	13.706	119	295353	22.945	ug/l	98
87) 1,3-Dichlorobenzene	13.711	146	155759	20.421	ug/l	99
88) 1,4-Dichlorobenzene	13.794	146	159198	19.543	ug/l	97
89) n-Butylbenzene	14.035	91	289115	23.522	ug/l	98
90) Hexachloroethane	14.311	117	53190	19.503	ug/l	92
91) 1,2-Dichlorobenzene	14.082	146	150250	20.794	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.700	75	27999	18.913	ug/l	97
93) 1,2,4-Trichlorobenzene	15.370	180	90154	21.240	ug/l	98
94) Hexachlorobutadiene	15.476	225	33046	20.953	ug/l	96
95) Naphthalene	15.611	128	338816	22.533	ug/l	100
96) 1,2,3-Trichlorobenzene	15.811	180	88296	20.738	ug/l	98

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QLast Update : Thu Jul 17 02:56:13 2025
Response via : Initial Calibration

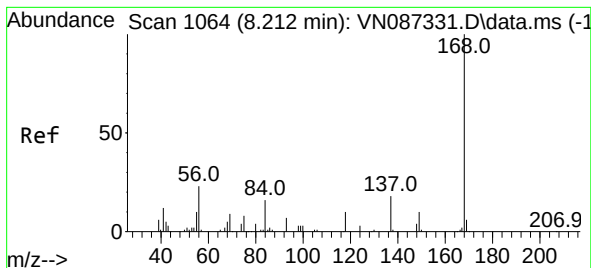
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

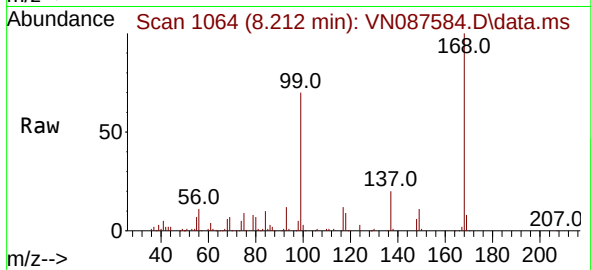
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.212 min Scan# 1064
Delta R.T. -0.000 min
Lab File: VN087584.D
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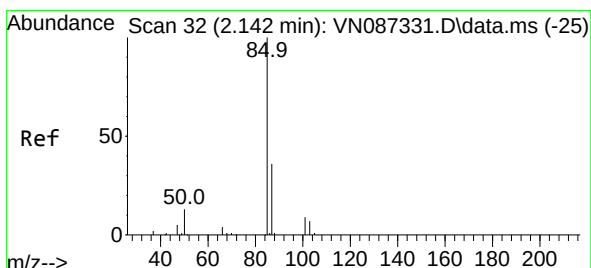
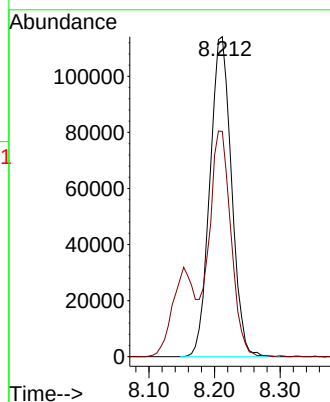
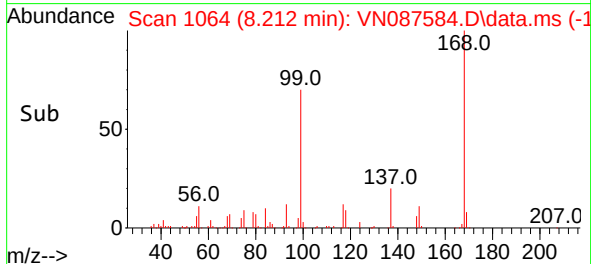
Instrument :
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Tgt Ion:168 Resp: 26084
Ion Ratio Lower Upper
168 100
99 70.1 47.9 71.9

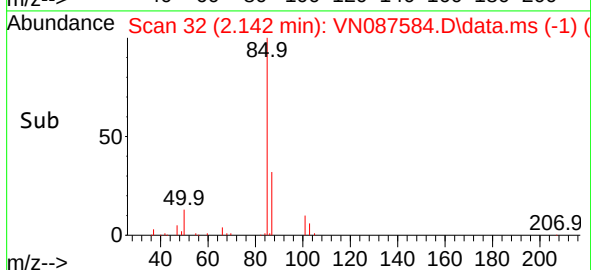
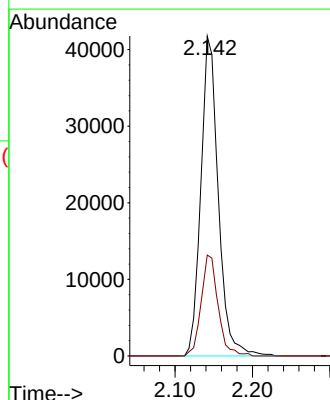
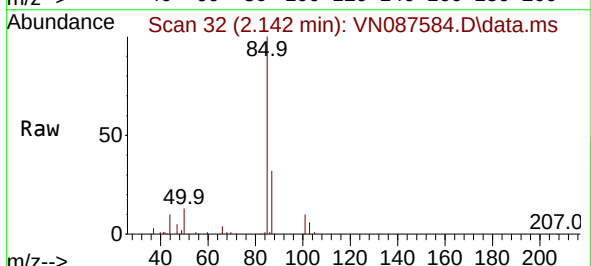
Manual Integrations
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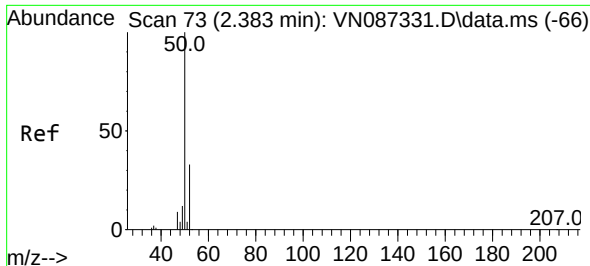
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#2
Dichlorodifluoromethane
Concen: 23.586 ug/l
RT: 2.142 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN087584.D
Acq: 15 Aug 2025 16:02

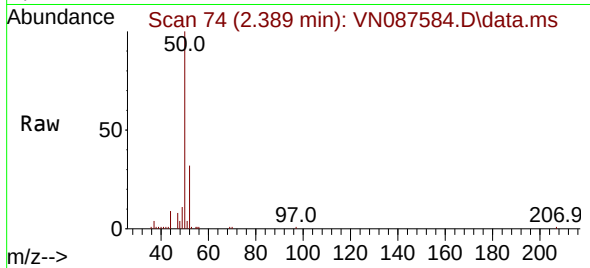
Tgt Ion: 85 Resp: 65346
Ion Ratio Lower Upper
85 100
87 31.5 17.8 53.3





#3
Chloromethane
Concen: 19.036 ug/l
RT: 2.389 min Scan# 74
Delta R.T. 0.006 min
Lab File: VN087584.D
Acq: 15 Aug 2025 16:02

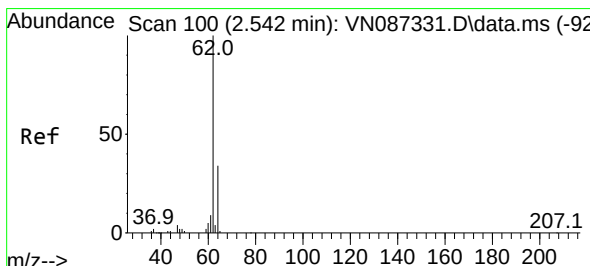
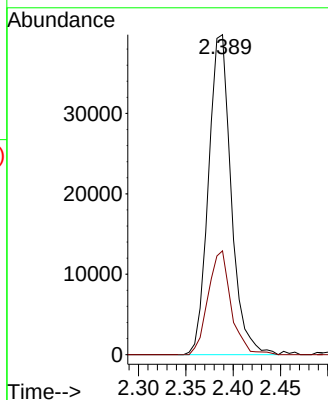
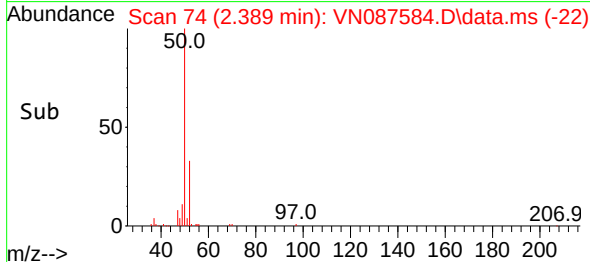
Instrument :
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Tgt Ion: 50 Resp: 6632
Ion Ratio Lower Upper
50 100
52 32.4 26.3 39.5

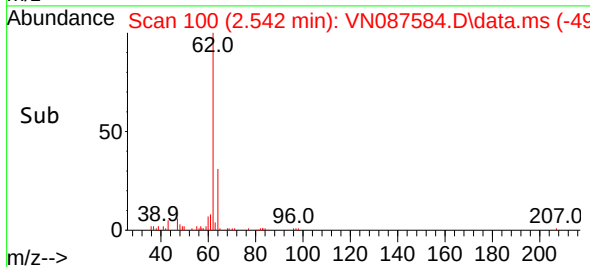
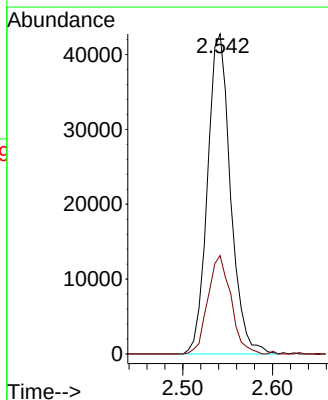
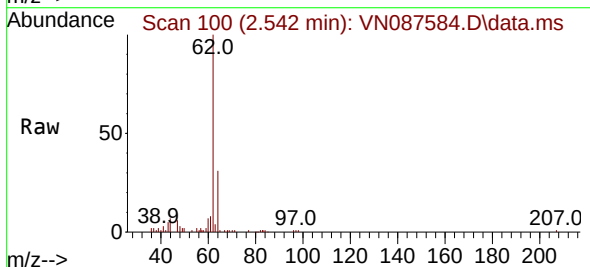
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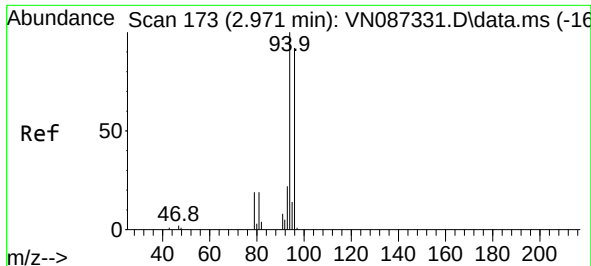
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#4
Vinyl Chloride
Concen: 21.968 ug/l
RT: 2.542 min Scan# 100
Delta R.T. -0.000 min
Lab File: VN087584.D
Acq: 15 Aug 2025 16:02

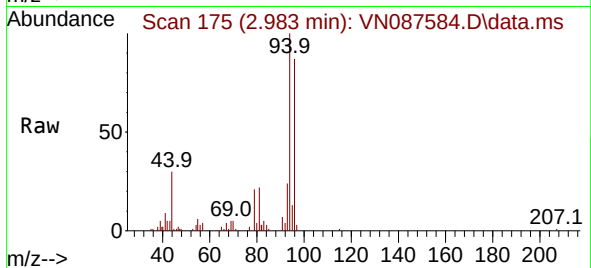
Tgt Ion: 62 Resp: 76063
Ion Ratio Lower Upper
62 100
64 30.7 27.0 40.6





#5
Bromomethane
Concen: 19.178 ug/l
RT: 2.983 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN087584.D
Acq: 15 Aug 2025 16:02

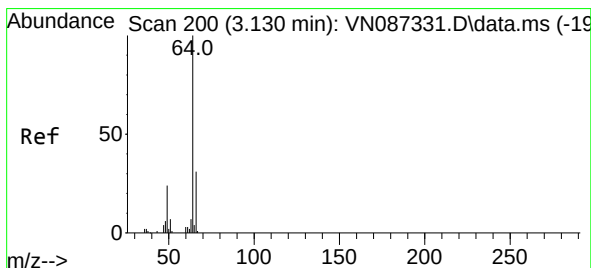
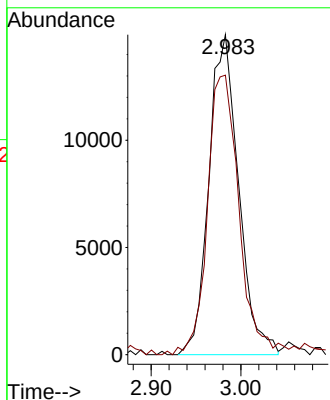
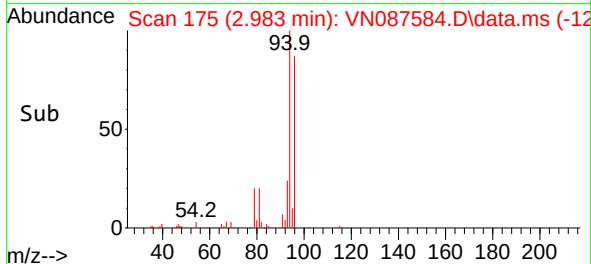
Instrument :
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Tgt Ion: 94 Resp: 3438
Ion Ratio Lower Upper
94 100
96 85.1 73.4 110.2

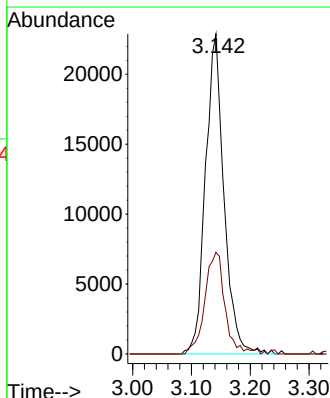
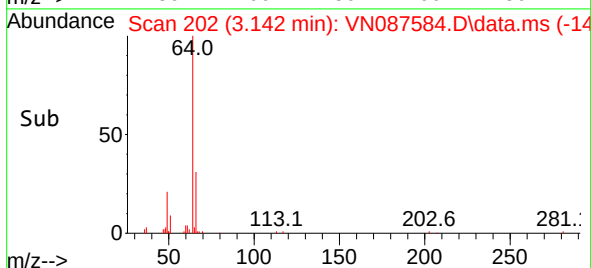
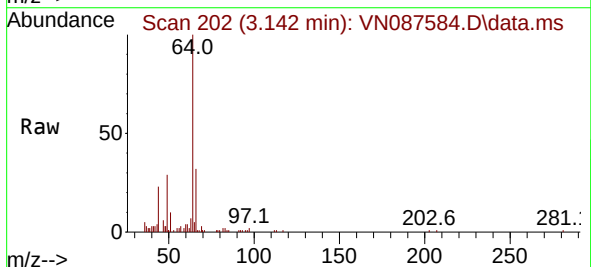
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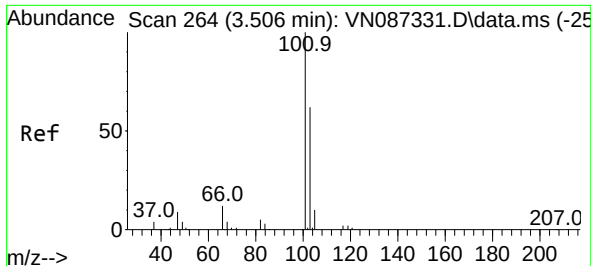
Reviewed By :John Carlone 08/18/2025
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#6
Chloroethane
Concen: 22.169 ug/l
RT: 3.142 min Scan# 202
Delta R.T. 0.012 min
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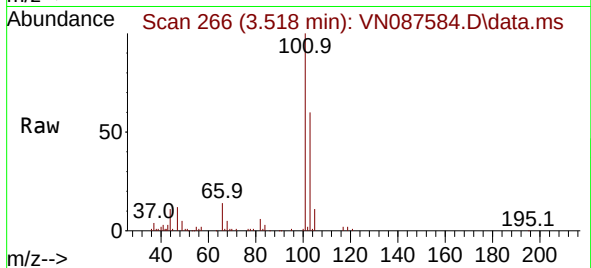
Tgt Ion: 64 Resp: 50058
Ion Ratio Lower Upper
64 100
66 31.8 24.6 36.8





#7
 Trichlorofluoromethane
 Concen: 21.932 ug/l
 RT: 3.518 min Scan# 266
 Delta R.T. 0.012 min
 Lab File: VN087584.D
 Acq: 15 Aug 2025 16:02

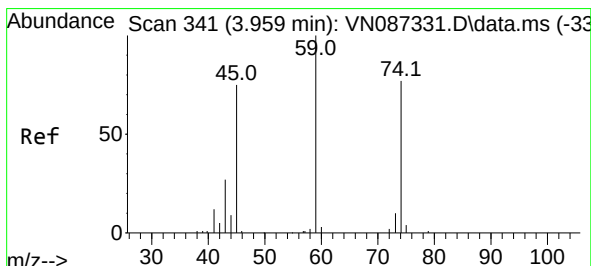
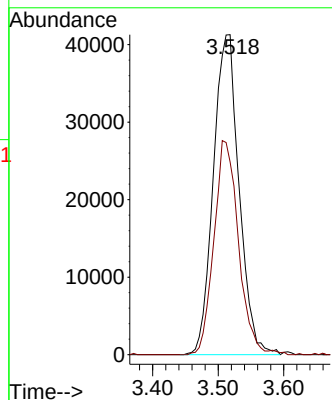
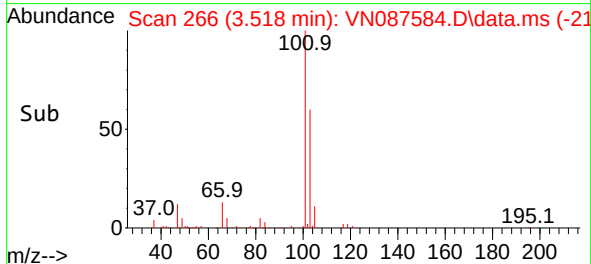
Instrument :
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Tgt Ion:101 Resp: 11228
 Ion Ratio Lower Upper
 101 100
 103 60.2 49.8 74.6

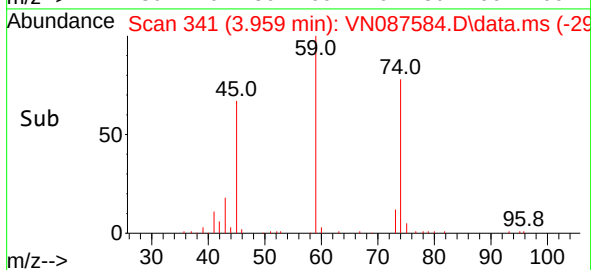
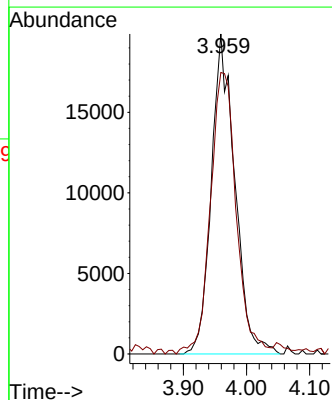
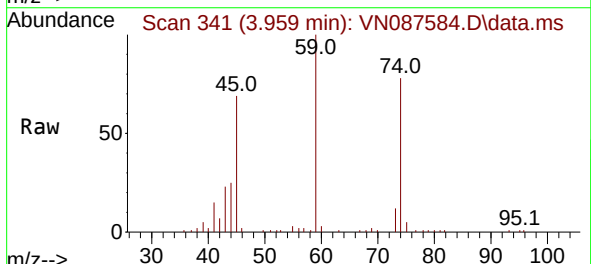
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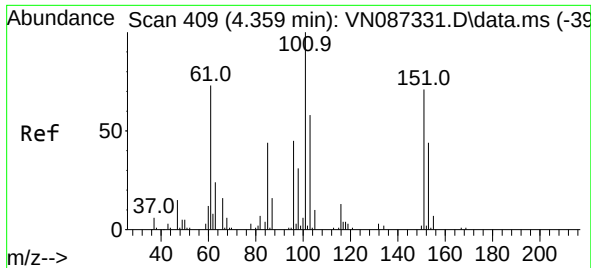
Reviewed By :John Carlone 08/18/2025
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#8
 Diethyl Ether
 Concen: 25.889 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 51416
 Ion Ratio Lower Upper
 74 100
 45 96.5 50.8 152.5





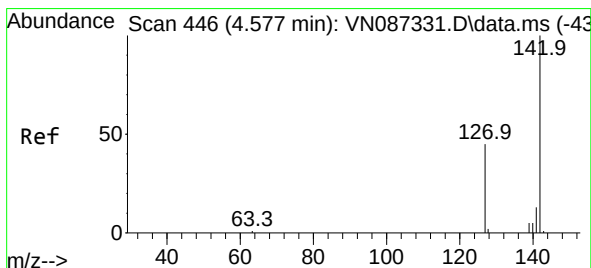
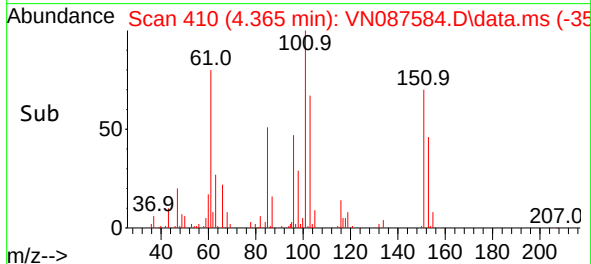
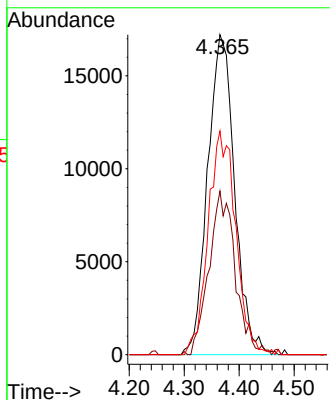
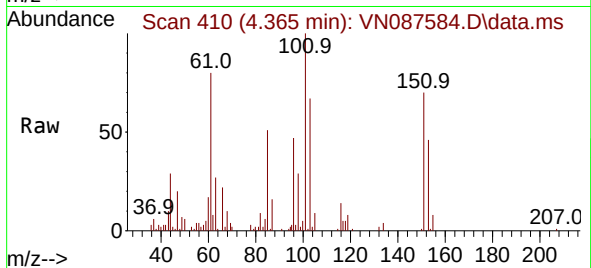
#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.313 ug/l
RT: 4.365 min Scan# 410
Delta R.T. 0.006 min
Lab File: VN087584.D
Acq: 15 Aug 2025 16:02

Instrument :
MSVOA_N
ClientSampleId :
VN0815MBS01

Tgt Ion:101 Resp: 5864
Ion Ratio Lower Upper
101 100
85 49.4 37.3 55.9
151 71.9 58.9 88.3

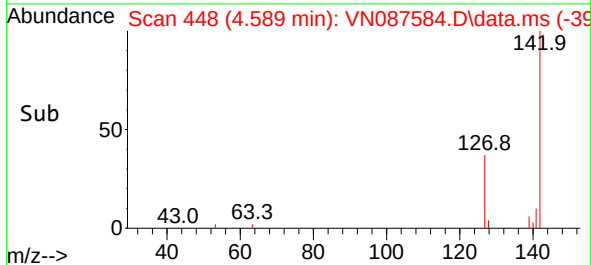
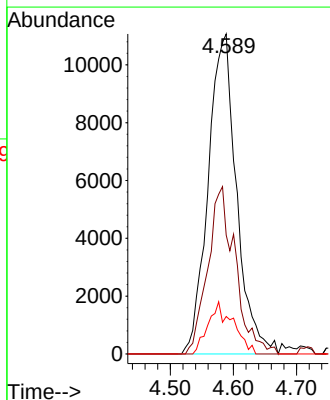
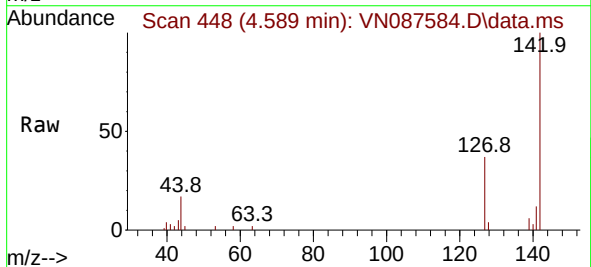
Manual Integrations
APPROVED

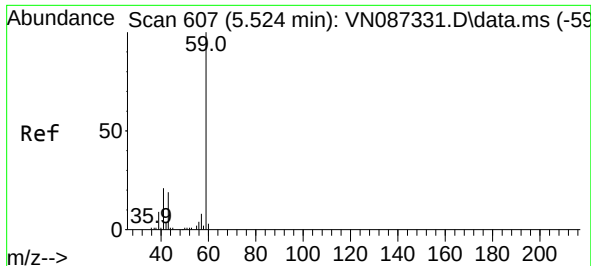
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#10
Methyl Iodide
Concen: 16.987 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.012 min
Lab File: VN087584.D
Acq: 15 Aug 2025 16:02

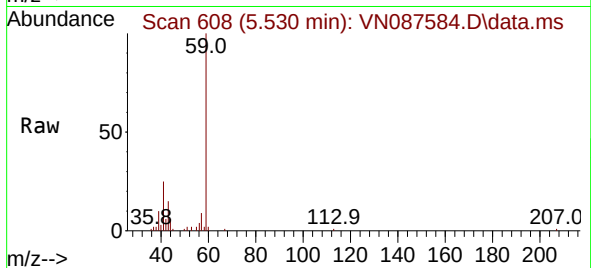
Tgt Ion:142 Resp: 34601
Ion Ratio Lower Upper
142 100
127 37.1 35.7 53.5
141 11.7 10.4 15.6





#11
Tert butyl alcohol
Concen: 122.719 ug/l
RT: 5.530 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN087584.D
Acq: 15 Aug 2025 16:02

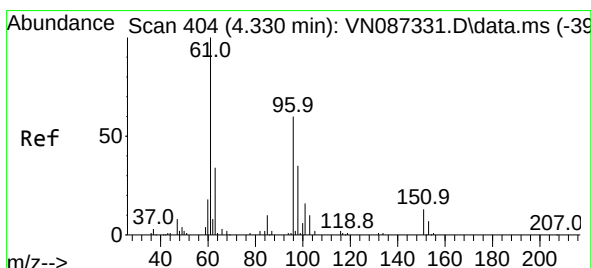
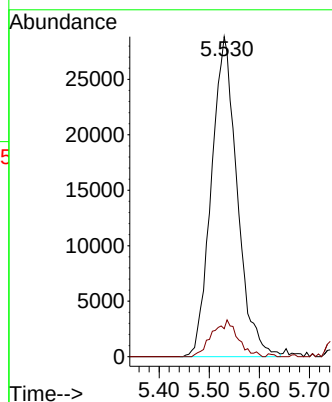
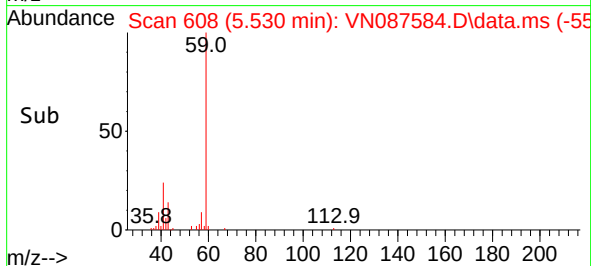
Instrument :
MSVOA_N
ClientSampleId :
VN0815MBS01



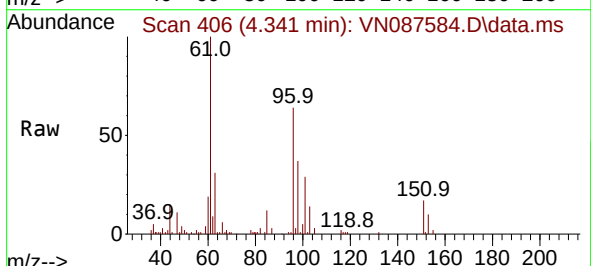
Tgt Ion: 59 Resp: 103134
Ion Ratio Lower Upper
59 100
57 11.4 8.3 12.5

Manual Integrations
APPROVED

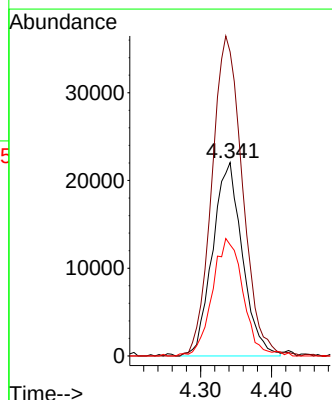
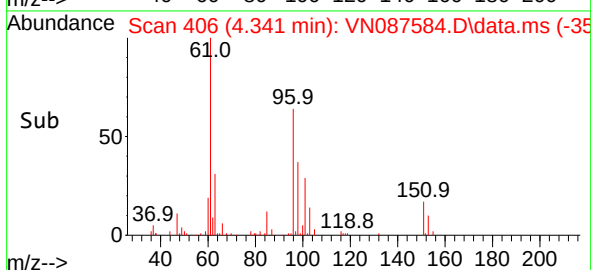
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

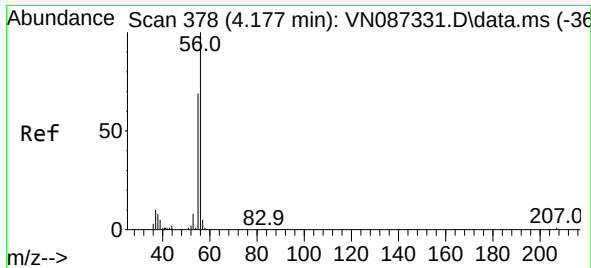


#12
1,1-Dichloroethene
Concen: 21.583 ug/l
RT: 4.341 min Scan# 406
Delta R.T. 0.012 min
Lab File: VN087584.D
Acq: 15 Aug 2025 16:02



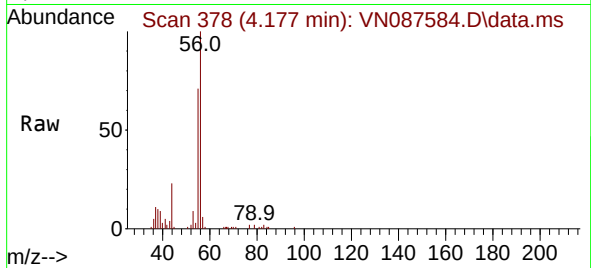
Tgt Ion: 96 Resp: 64280
Ion Ratio Lower Upper
96 100
61 157.1 132.3 198.5
98 56.4 46.8 70.2





#13
Acrolein
Concen: 87.312 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN087584.D
Acq: 15 Aug 2025 16:02

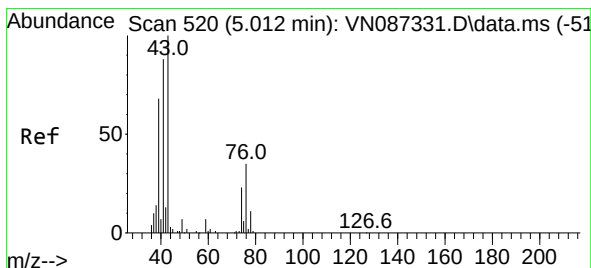
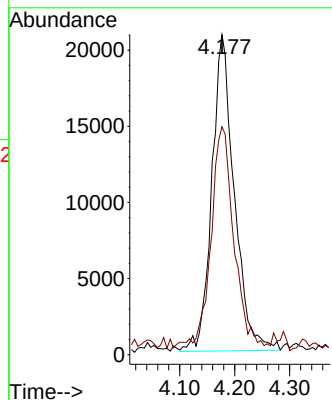
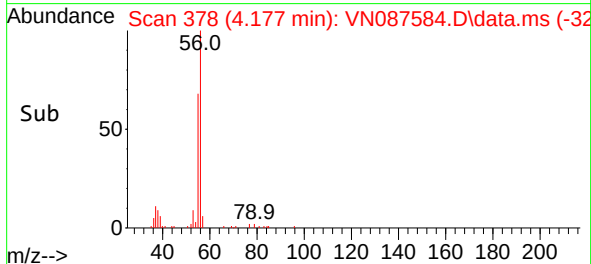
Instrument :
MSVOA_N
ClientSampleId :
VN0815MBS01



Tgt Ion: 56 Resp: 5888
Ion Ratio Lower Upper
56 100
55 68.5 56.2 84.4

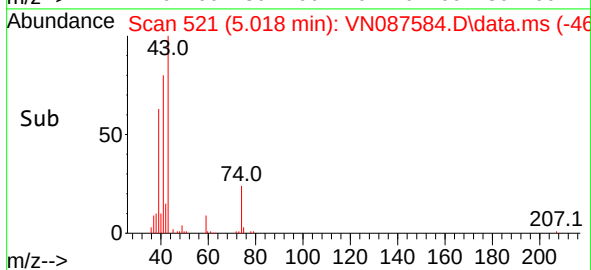
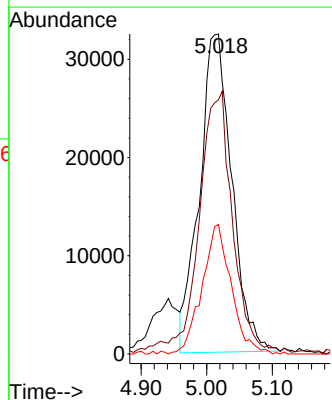
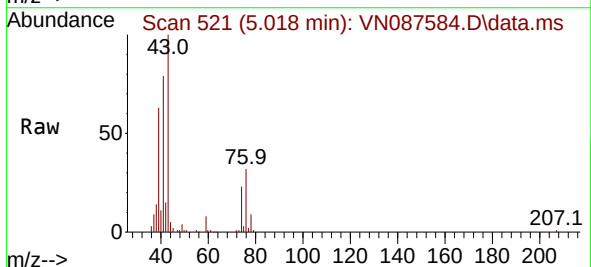
Manual Integrations
APPROVED

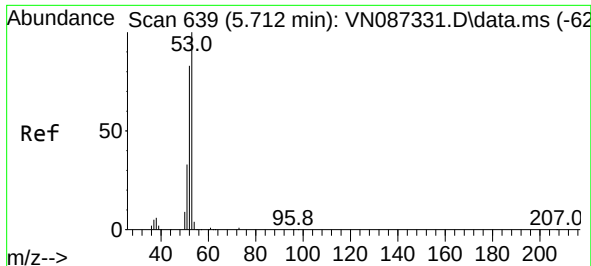
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#14
Allyl chloride
Concen: 20.622 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.006 min
Lab File: VN087584.D
Acq: 15 Aug 2025 16:02

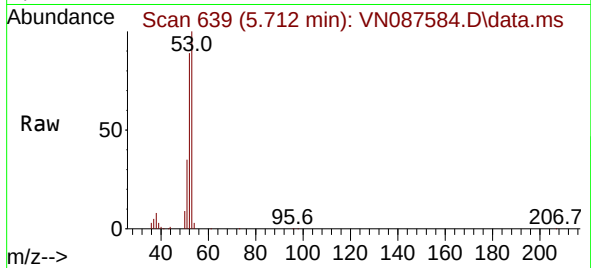
Tgt Ion: 41 Resp: 111148
Ion Ratio Lower Upper
41 100
39 86.1 59.0 88.6
76 36.8 28.7 43.1





#15
Acrylonitrile
Concen: 103.661 ug/l
RT: 5.712 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN087584.D
Acq: 15 Aug 2025 16:02

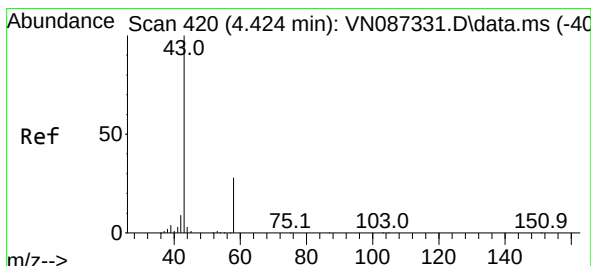
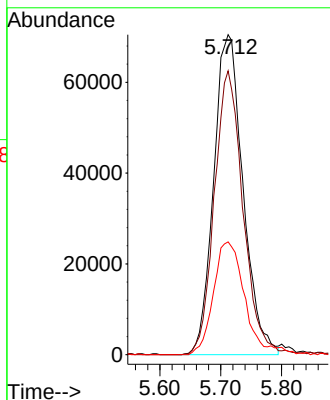
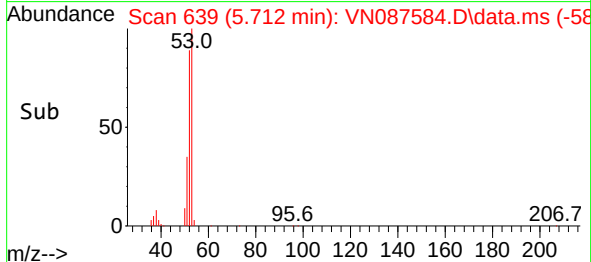
Instrument :
MSVOA_N
ClientSampleId :
VN0815MBS01



Tgt Ion: 53 Resp: 23640
Ion Ratio Lower Upper
53 100
52 86.6 65.5 98.3
51 37.8 28.7 43.1

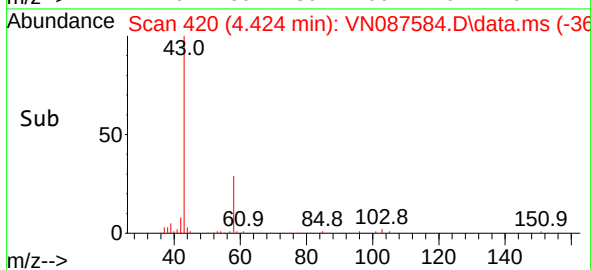
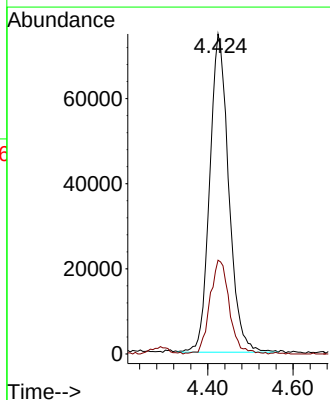
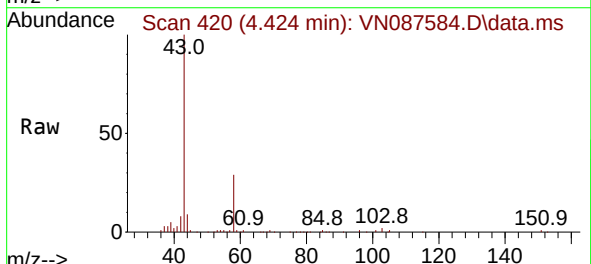
Manual Integrations
APPROVED

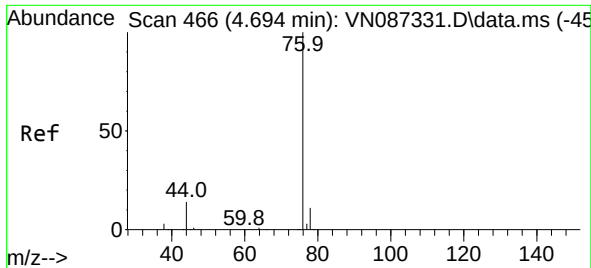
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#16
Acetone
Concen: 111.862 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN087584.D
Acq: 15 Aug 2025 16:02

Tgt Ion: 43 Resp: 232140
Ion Ratio Lower Upper
43 100
58 29.2 22.3 33.5





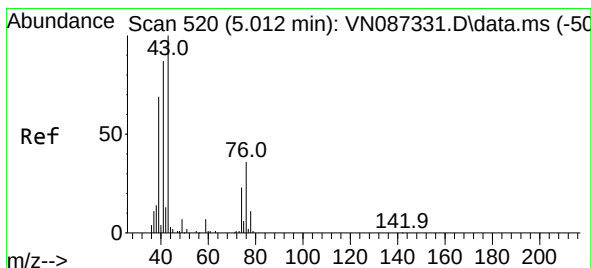
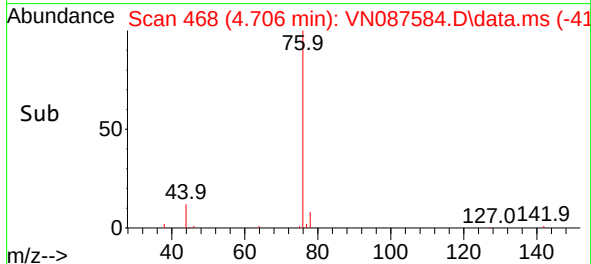
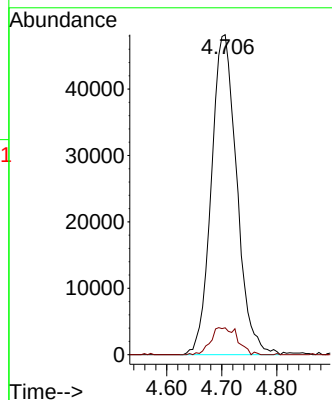
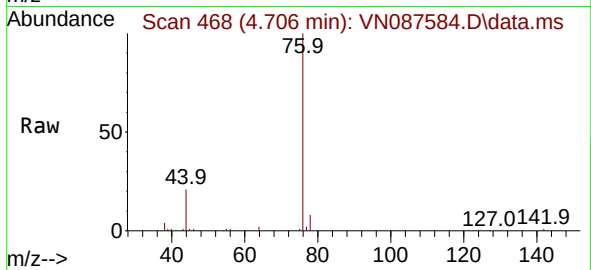
#17
Carbon Disulfide
Concen: 17.539 ug/l
RT: 4.706 min Scan# 40
Delta R.T. 0.012 min
Lab File: VN087584.D
Acq: 15 Aug 2025 16:02

Instrument :
MSVOA_N
ClientSampleId :
VN0815MBS01

Tgt Ion: 76 Resp: 154862
Ion Ratio Lower Upper
76 100
78 8.4 8.6 13.0

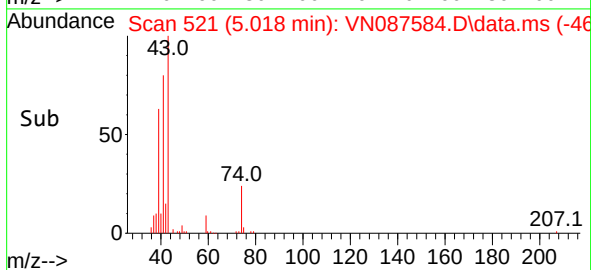
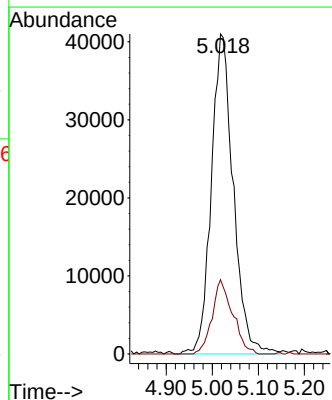
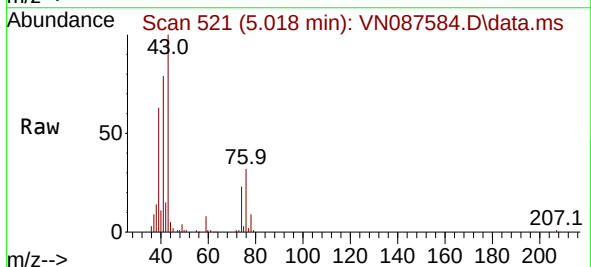
Manual Integrations
APPROVED

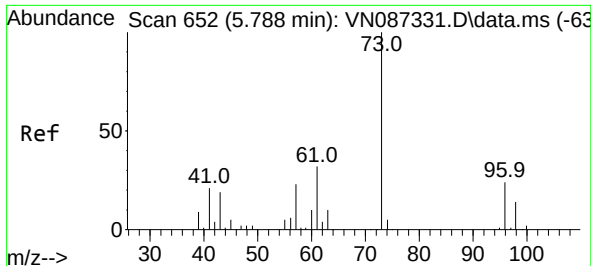
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#18
Methyl Acetate
Concen: 25.953 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.006 min
Lab File: VN087584.D
Acq: 15 Aug 2025 16:02

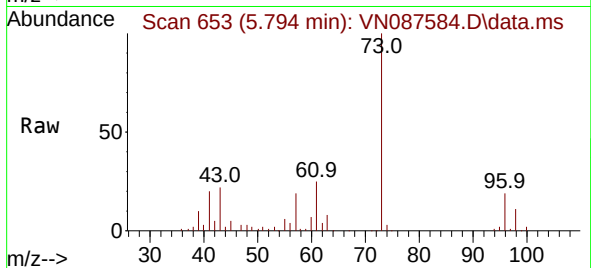
Tgt Ion: 43 Resp: 135312
Ion Ratio Lower Upper
43 100
74 21.8 17.8 26.6





#19
Methyl tert-butyl Ether
Concen: 24.162 ug/l
RT: 5.794 min Scan# 653
Delta R.T. 0.006 min
Lab File: VN087584.D
Acq: 15 Aug 2025 16:02

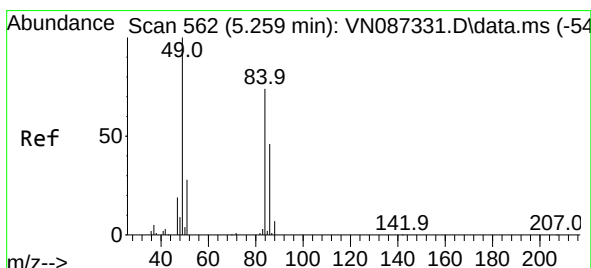
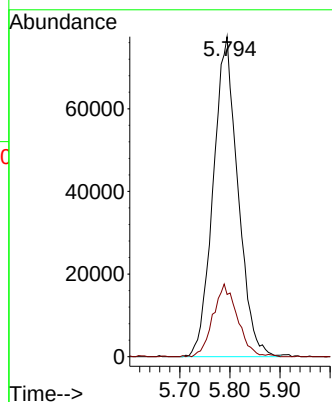
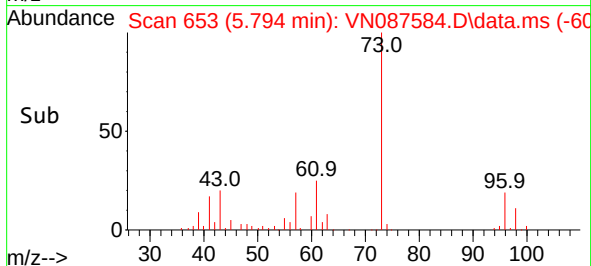
Instrument :
MSVOA_N
ClientSampleId :
VN0815MBS01



Tgt Ion: 73 Resp: 26523
Ion Ratio Lower Upper
73 100
57 19.4 18.6 27.8

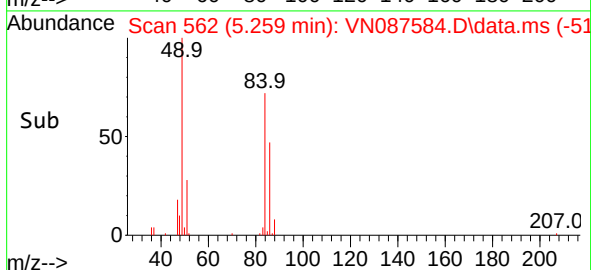
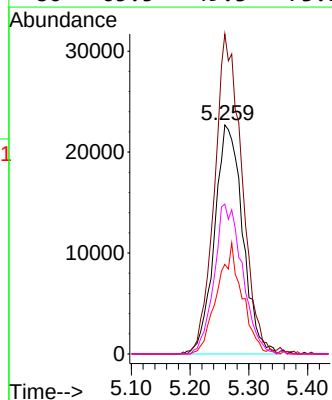
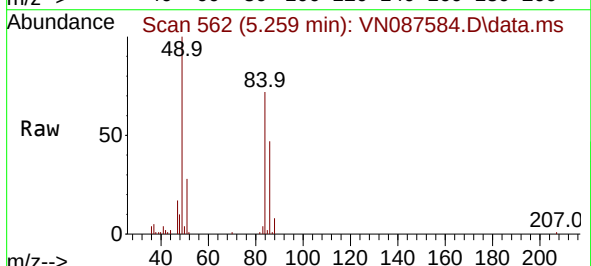
Manual Integrations
APPROVED

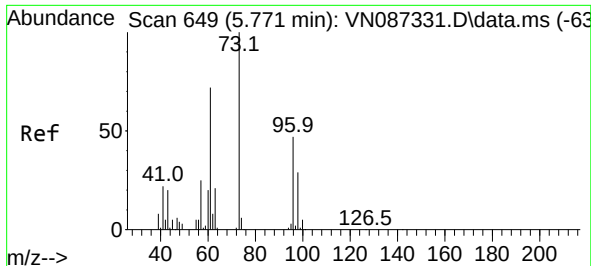
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#20
Methylene Chloride
Concen: 21.129 ug/l
RT: 5.259 min Scan# 562
Delta R.T. 0.000 min
Lab File: VN087584.D
Acq: 15 Aug 2025 16:02

Tgt Ion: 84 Resp: 75420
Ion Ratio Lower Upper
84 100
49 139.7 107.5 161.3
51 39.1 30.2 45.2
86 65.5 49.3 73.9





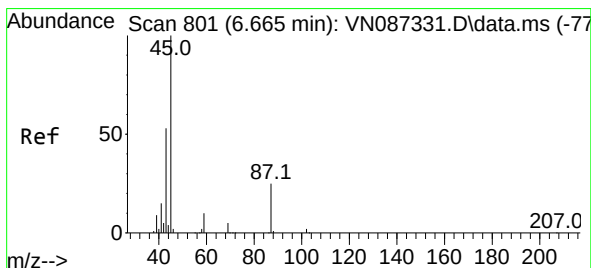
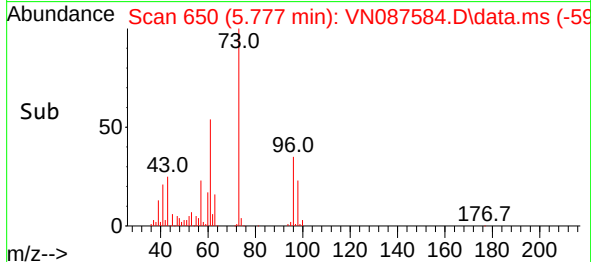
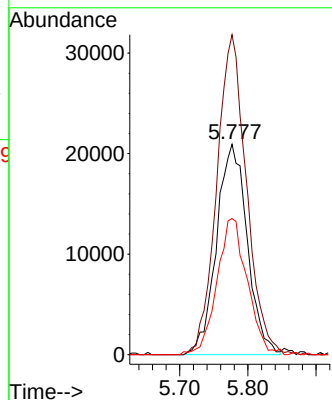
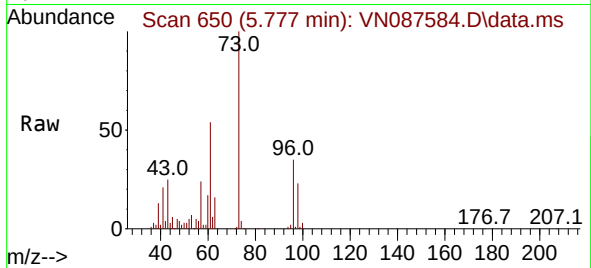
#21
trans-1,2-Dichloroethene
Concen: 19.544 ug/l
RT: 5.777 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN087584.D
Acq: 15 Aug 2025 16:02

Instrument :
MSVOA_N
ClientSampleId :
VN0815MBS01

Tgt Ion: 96 Resp: 65630
Ion Ratio Lower Upper
96 100
61 152.1 122.0 183.0
98 64.8 50.0 75.0

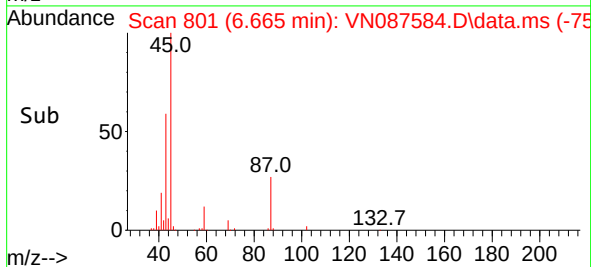
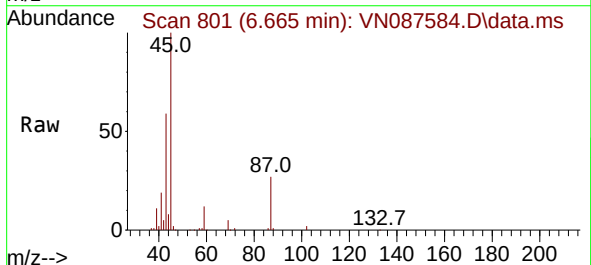
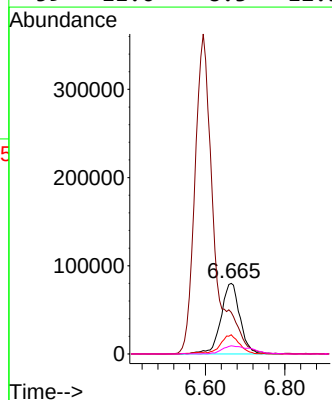
Manual Integrations
APPROVED

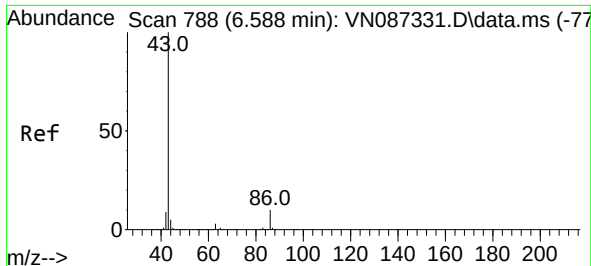
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#22
Diisopropyl ether
Concen: 23.573 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.000 min
Lab File: VN087584.D
Acq: 15 Aug 2025 16:02

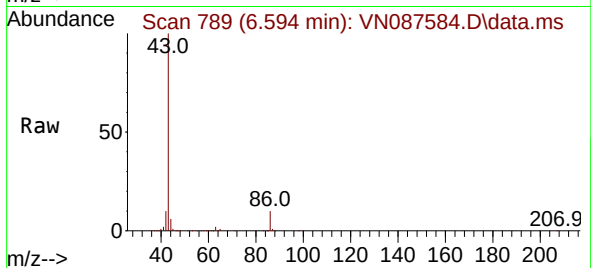
Tgt Ion: 45 Resp: 266514
Ion Ratio Lower Upper
45 100
43 58.4 42.8 64.2
87 27.2 19.8 29.6
59 11.6 8.3 12.5





#23
 Vinyl Acetate
 Concen: 109.467 ug/l m
 RT: 6.594 min Scan# 789
 Delta R.T. 0.006 min
 Lab File: VN087584.D
 Acq: 15 Aug 2025 16:02

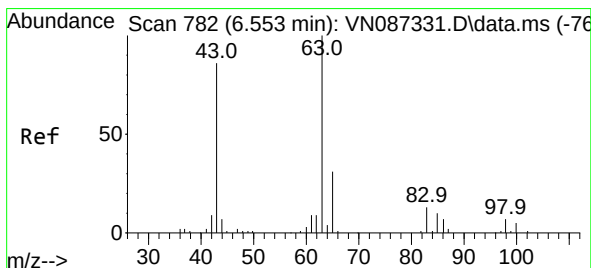
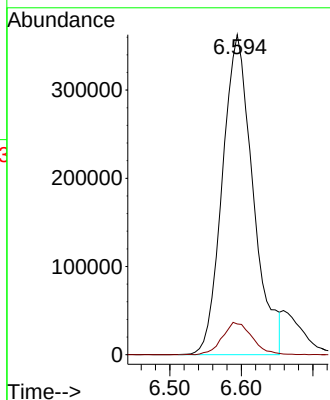
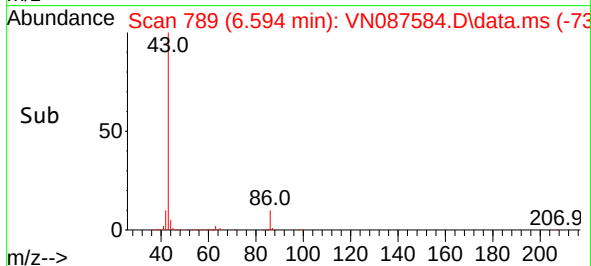
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0815MBS01



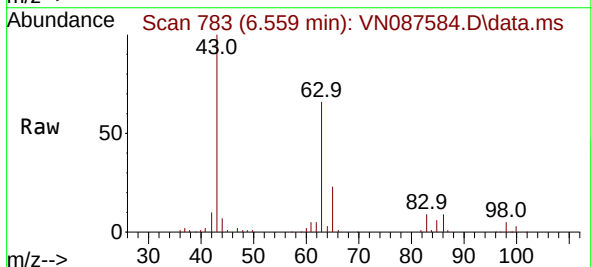
Tgt Ion: 43 Resp: 108241
 Ion Ratio Lower Upper
 43 100
 86 9.6 7.7 11.5

Manual Integrations
 APPROVED

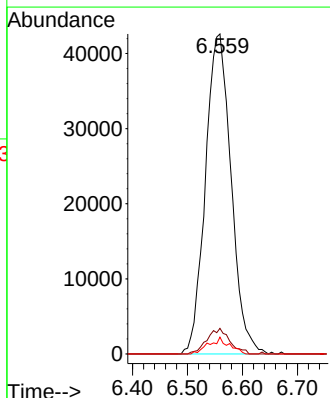
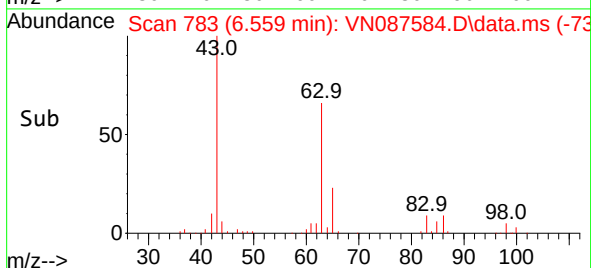
Reviewed By :John Carlone 08/18/2025
 Supervised By :Mahesh Dadoda 08/19/2025

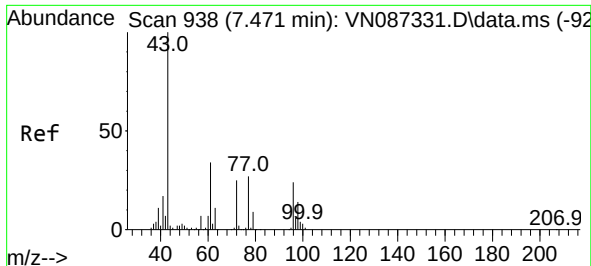


#24
 1,1-Dichloroethane
 Concen: 21.229 ug/l
 RT: 6.559 min Scan# 783
 Delta R.T. 0.006 min
 Lab File: VN087584.D
 Acq: 15 Aug 2025 16:02



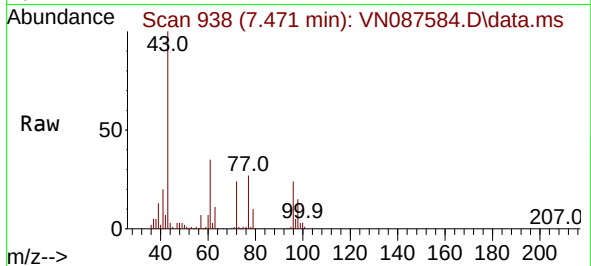
Tgt Ion: 63 Resp: 138465
 Ion Ratio Lower Upper
 63 100
 98 8.0 3.3 9.9
 100 5.2 2.5 7.4





#25
2-Butanone
Concen: 111.043 ug/l
RT: 7.471 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN087584.D
Acq: 15 Aug 2025 16:02

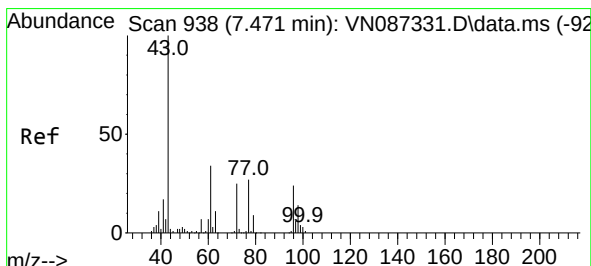
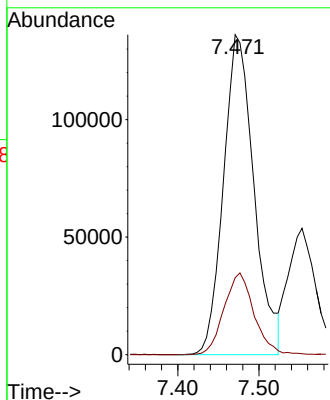
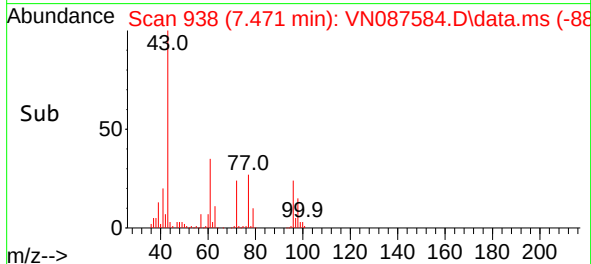
Instrument :
MSVOA_N
ClientSampleId :
VN0815MBS01



Tgt Ion: 43 Resp: 356054
Ion Ratio Lower Upper
43 100
72 24.0 19.6 29.4

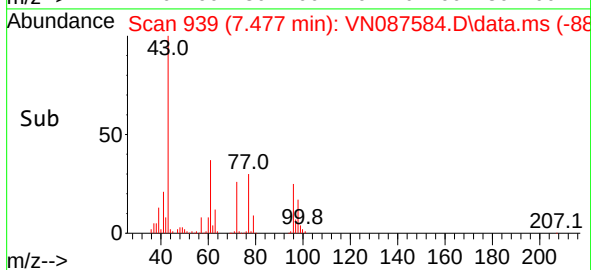
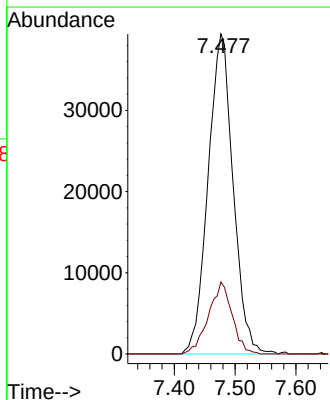
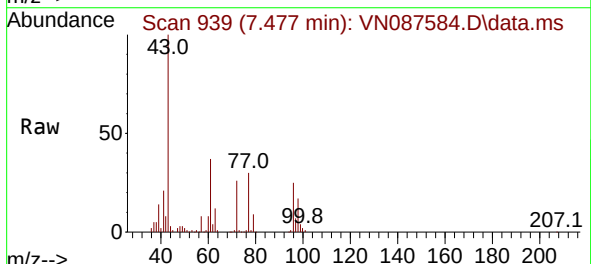
Manual Integrations
APPROVED

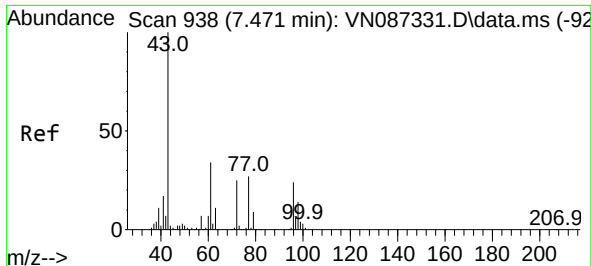
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#26
2,2-Dichloropropane
Concen: 22.209 ug/l
RT: 7.477 min Scan# 939
Delta R.T. 0.006 min
Lab File: VN087584.D
Acq: 15 Aug 2025 16:02

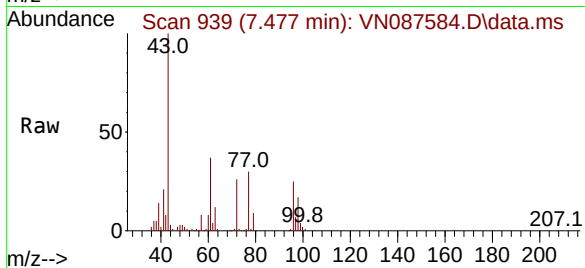
Tgt Ion: 77 Resp: 112624
Ion Ratio Lower Upper
77 100
97 21.2 11.1 33.1





#27
 cis-1,2-Dichloroethene
 Concen: 22.604 ug/l
 RT: 7.477 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VN087584.D
 Acq: 15 Aug 2025 16:02

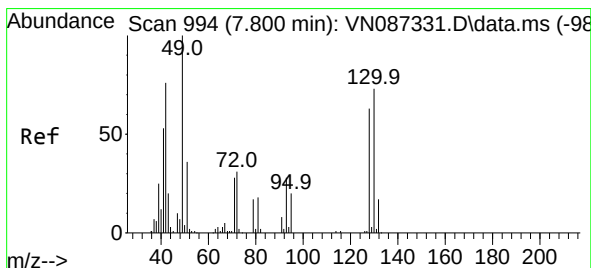
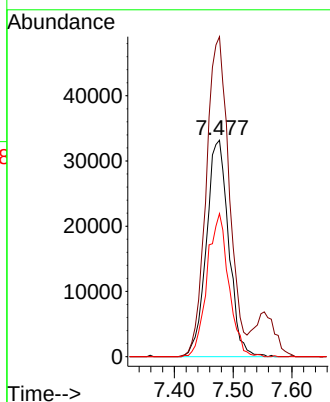
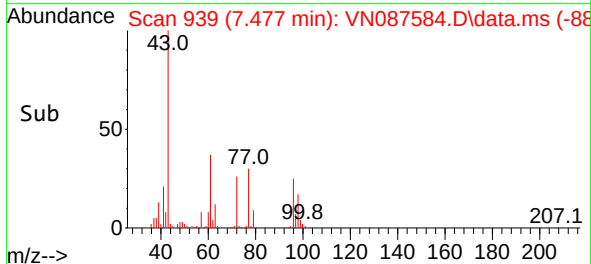
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0815MBS01



Tgt Ion: 96 Resp: 87392
 Ion Ratio Lower Upper
 96 100
 61 152.4 0.0 297.8
 98 64.1 0.0 132.4

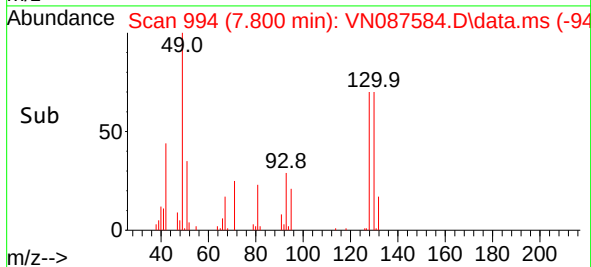
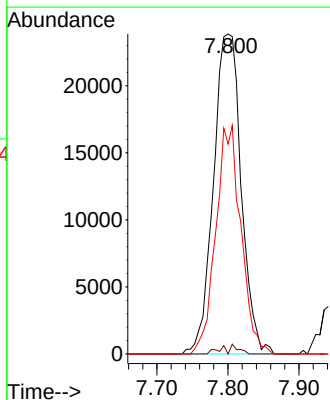
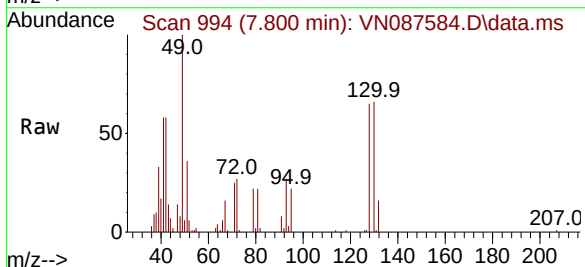
Manual Integrations
 APPROVED

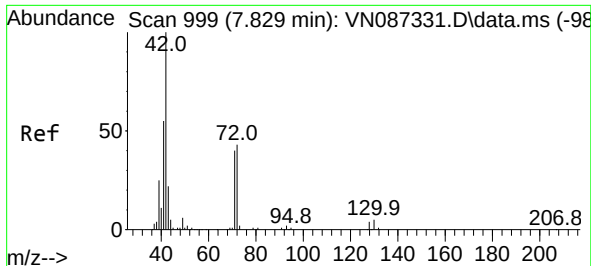
Reviewed By :John Carlone 08/18/2025
 Supervised By :Mahesh Dadoda 08/19/2025



#28
 Bromochloromethane
 Concen: 20.746 ug/l
 RT: 7.800 min Scan# 994
 Delta R.T. -0.000 min
 Lab File: VN087584.D
 Acq: 15 Aug 2025 16:02

Tgt Ion: 49 Resp: 64763
 Ion Ratio Lower Upper
 49 100
 129 0.9 0.0 4.2
 130 64.6 57.3 85.9





#29

Tetrahydrofuran

Concen: 104.971 ug/l

RT: 7.829 min Scan# 999

Delta R.T. 0.000 min

Lab File: VN087584.D

Acq: 15 Aug 2025 16:02

Instrument :

MSVOA_N

ClientSampleId :

VN0815MBS01

Tgt Ion: 42 Resp: 218654

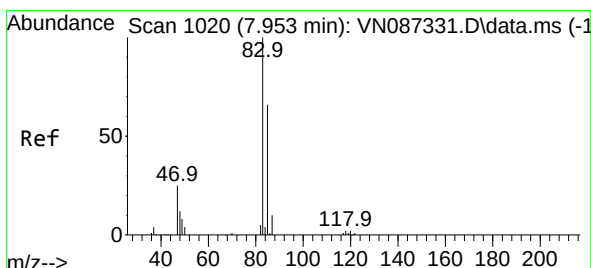
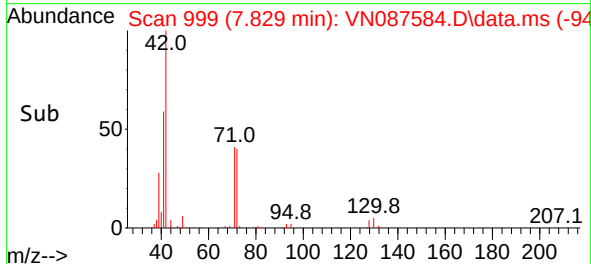
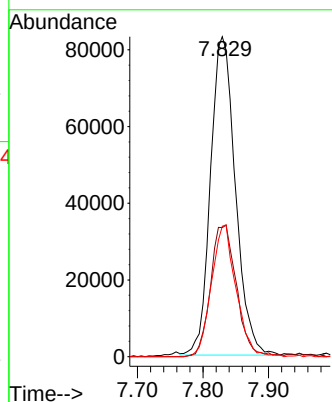
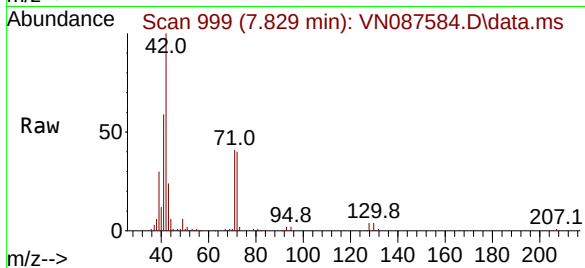
Ion	Ratio	Lower	Upper
42	100		
72	43.0	33.4	50.0
71	40.9	31.2	46.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2025

Supervised By :Mahesh Dadoda 08/19/2025



#30

Chloroform

Concen: 22.503 ug/l

RT: 7.953 min Scan# 1020

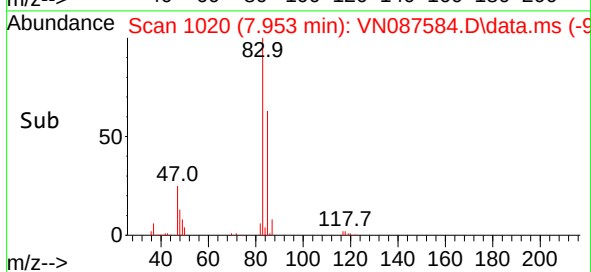
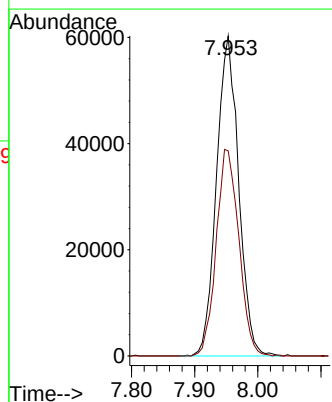
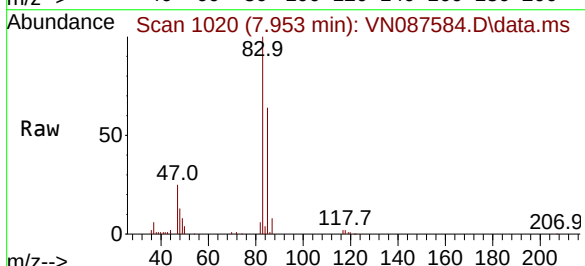
Delta R.T. -0.000 min

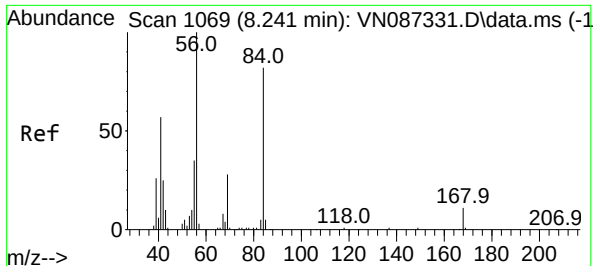
Lab File: VN087584.D

Acq: 15 Aug 2025 16:02

Tgt Ion: 83 Resp: 146917

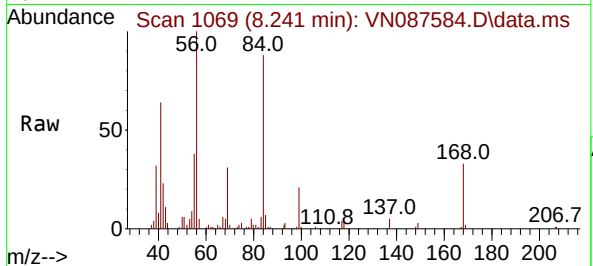
Ion	Ratio	Lower	Upper
83	100		
85	64.1	52.7	79.1





#31
Cyclohexane
Concen: 21.597 ug/l
RT: 8.241 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VN087584.D
Acq: 15 Aug 2025 16:02

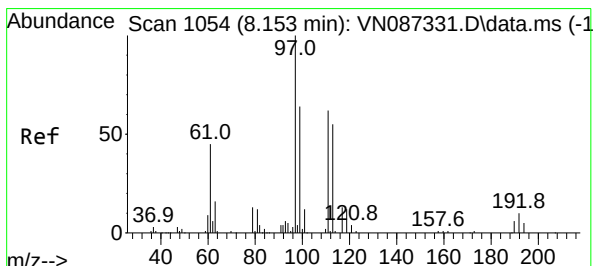
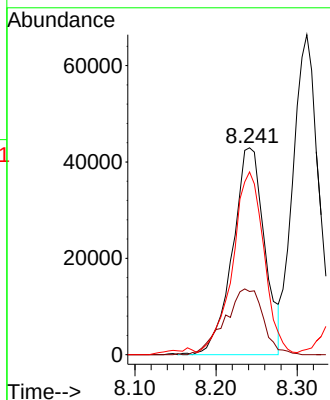
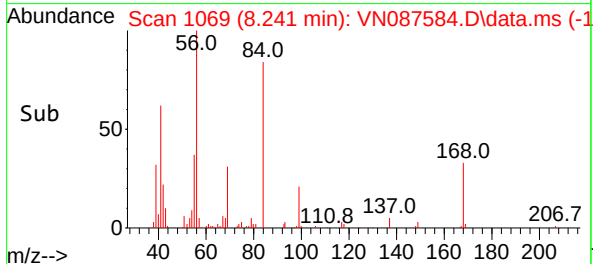
Instrument :
MSVOA_N
ClientSampleId :
VN0815MBS01



Tgt Ion: 56 Resp: 11751
Ion Ratio Lower Upper
56 100
69 30.1 22.7 34.1
84 86.5 65.8 98.6

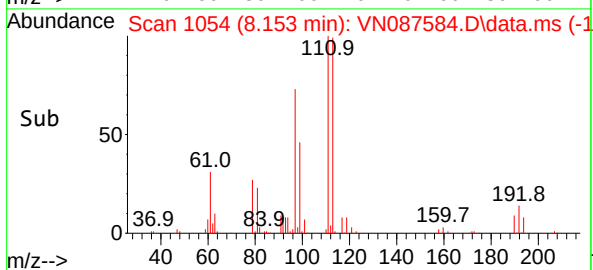
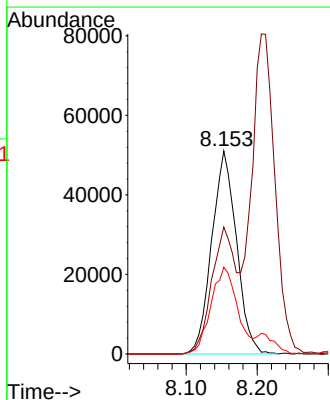
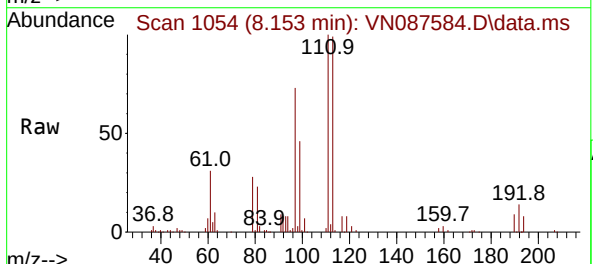
Manual Integrations
APPROVED

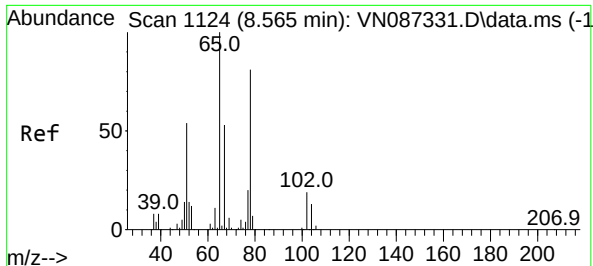
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#32
1,1,1-Trichloroethane
Concen: 21.809 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. -0.000 min
Lab File: VN087584.D
Acq: 15 Aug 2025 16:02

Tgt Ion: 97 Resp: 123324
Ion Ratio Lower Upper
97 100
99 56.7 51.8 77.8
61 46.1 38.7 58.1





#33

1,2-Dichloroethane-d4

Concen: 54.969 ug/l

RT: 8.565 min Scan# 1124

Delta R.T. -0.000 min

Lab File: VN087584.D

Acq: 15 Aug 2025 16:02

Instrument :

MSVOA_N

ClientSampleId :

VN0815MBS01

Tgt Ion: 65 Resp: 24329

Ion Ratio Lower Upper

65 100

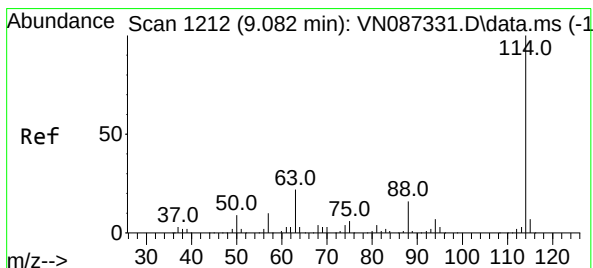
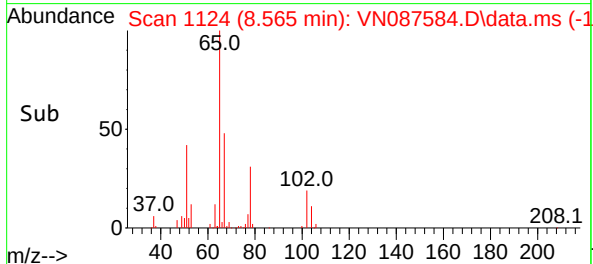
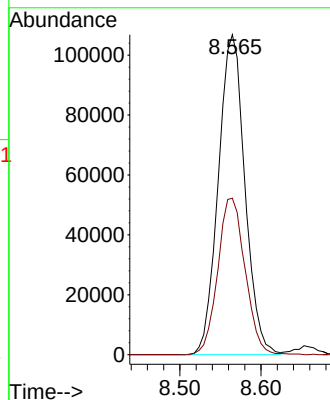
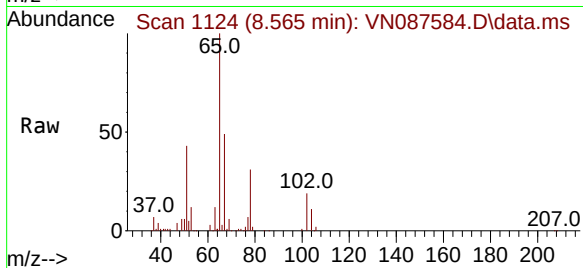
67 50.3 0.0 104.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2025

Supervised By :Mahesh Dadoda 08/19/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.088 min Scan# 1213

Delta R.T. 0.006 min

Lab File: VN087584.D

Acq: 15 Aug 2025 16:02

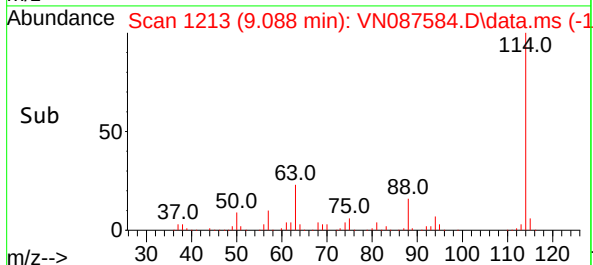
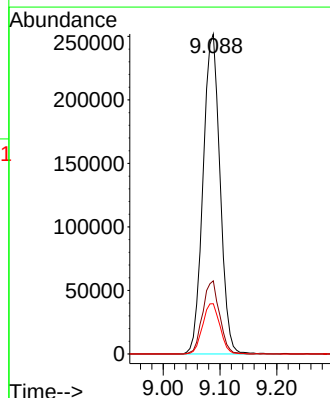
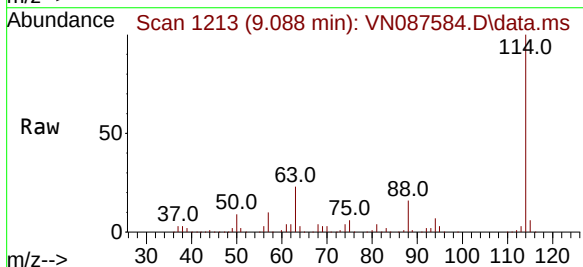
Tgt Ion:114 Resp: 520438

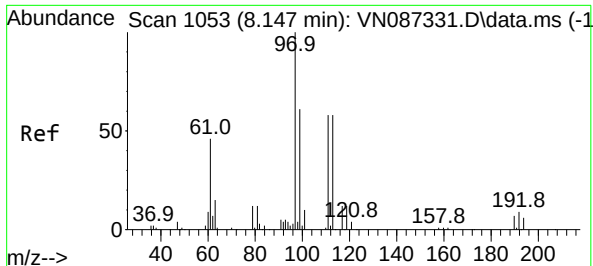
Ion Ratio Lower Upper

114 100

63 22.9 0.0 44.6

88 15.7 0.0 32.8





#35

Dibromofluoromethane

Concen: 47.630 ug/l

RT: 8.153 min Scan# 1054

Delta R.T. 0.006 min

Lab File: VN087584.D

Acq: 15 Aug 2025 16:02

Instrument :

MSVOA_N

ClientSampleId :

VN0815MBS01

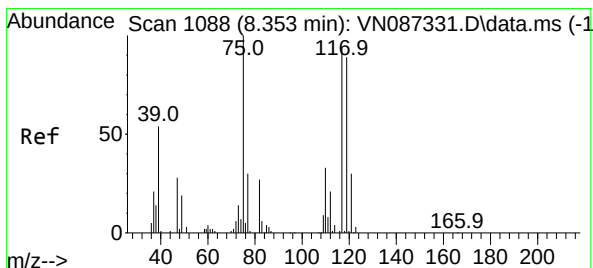
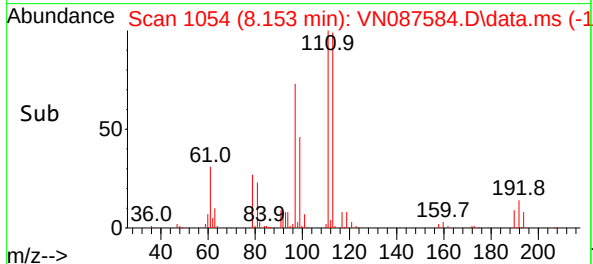
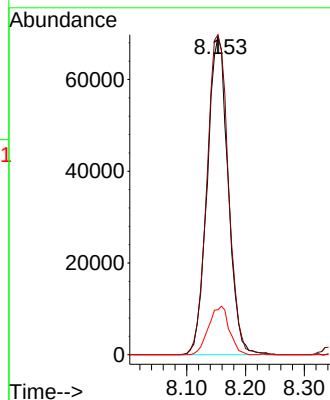
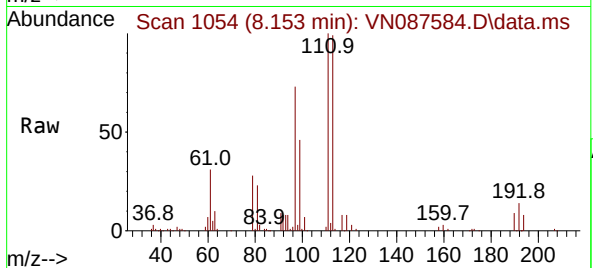
Tgt Ion:	113	Resp:	17099
Ion Ratio	Lower	Upper	
113	100		
111	103.5	82.5	123.7
192	15.1	13.7	20.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2025

Supervised By :Mahesh Dadoda 08/19/2025



#36

1,1-Dichloropropene

Concen: 19.829 ug/l

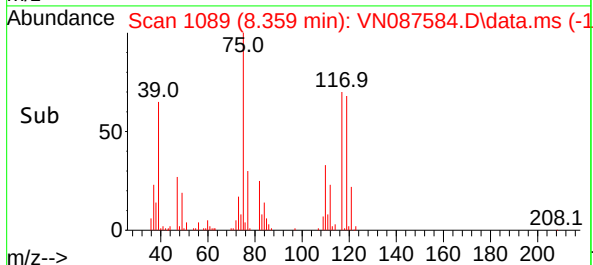
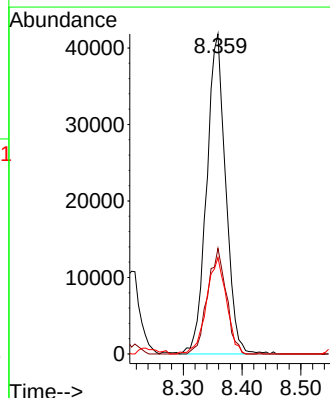
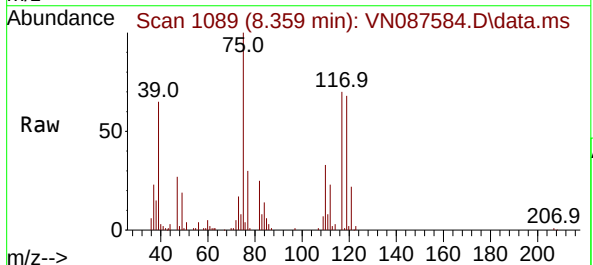
RT: 8.359 min Scan# 1089

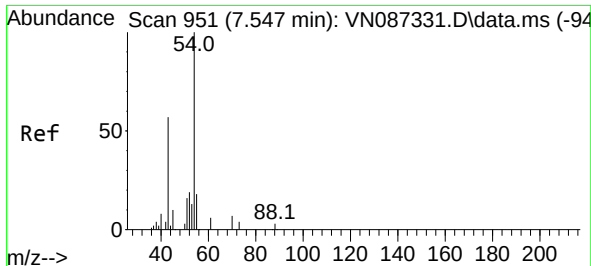
Delta R.T. 0.006 min

Lab File: VN087584.D

Acq: 15 Aug 2025 16:02

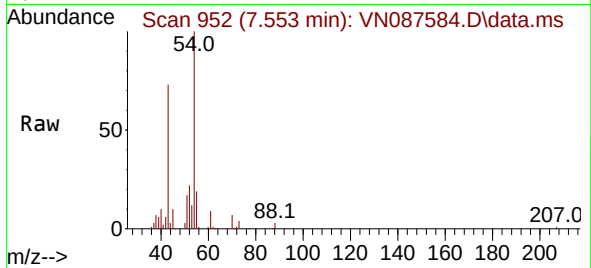
Tgt Ion:	75	Resp:	94048
Ion Ratio	Lower	Upper	
75	100		
110	32.7	16.7	50.1
77	31.6	25.2	37.8





#37
Ethyl Acetate
Concen: 19.309 ug/l
RT: 7.553 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN087584.D
Acq: 15 Aug 2025 16:02

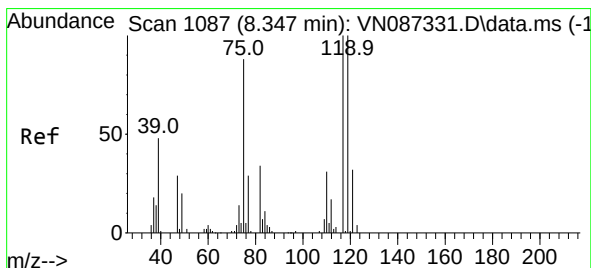
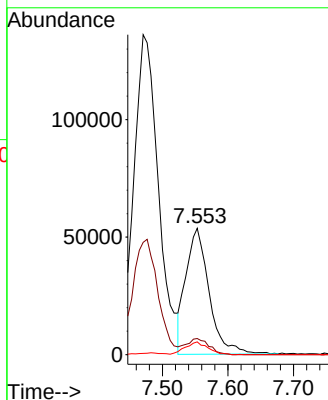
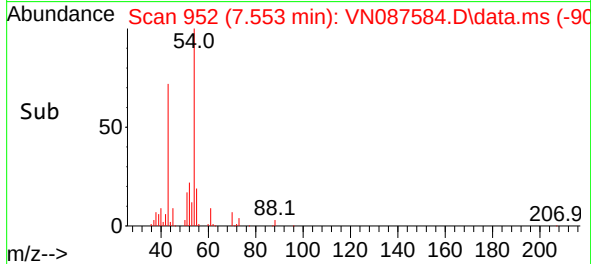
Instrument :
MSVOA_N
ClientSampleId :
VN0815MBS01



Tgt Ion: 43 Resp: 132260
Ion Ratio Lower Upper
43 100
61 12.8 10.9 16.3
70 9.8 7.4 11.0

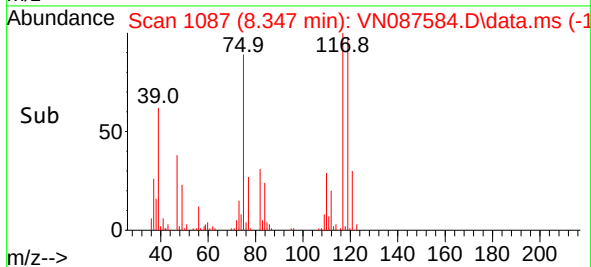
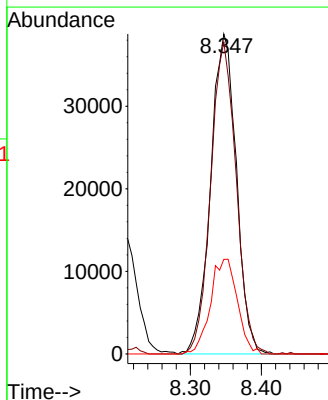
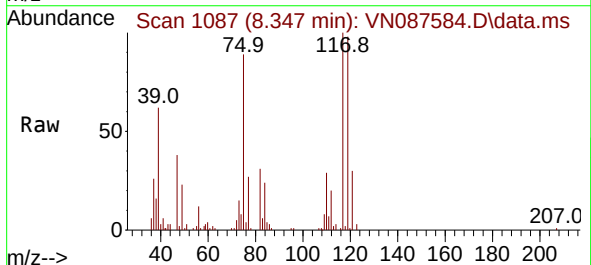
Manual Integrations
APPROVED

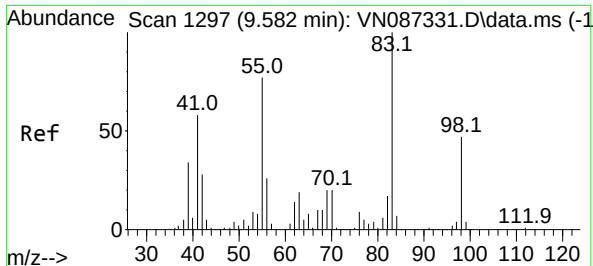
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#38
Carbon Tetrachloride
Concen: 18.673 ug/l
RT: 8.347 min Scan# 1087
Delta R.T. 0.000 min
Lab File: VN087584.D
Acq: 15 Aug 2025 16:02

Tgt Ion:117 Resp: 97562
Ion Ratio Lower Upper
117 100
119 97.5 80.2 120.2
121 29.6 25.4 38.2





#39

Methylcyclohexane

Concen: 20.107 ug/l

RT: 9.582 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VN087584.D

Acq: 15 Aug 2025 16:02

Instrument :

MSVOA_N

ClientSampleId :

VN0815MBS01

Tgt Ion: 83 Resp: 10325

Ion Ratio Lower Upper

83 100

55 78.9 61.3 91.9

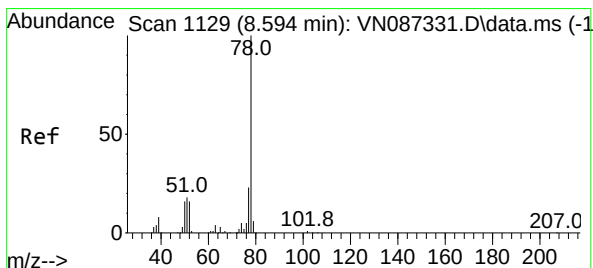
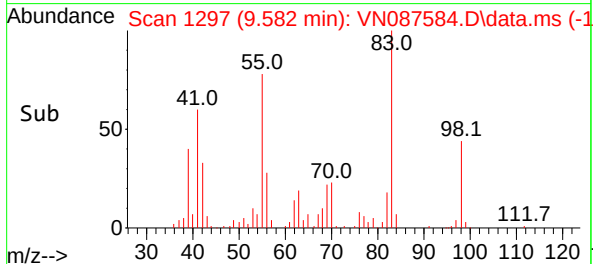
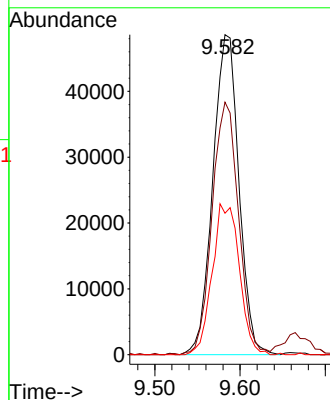
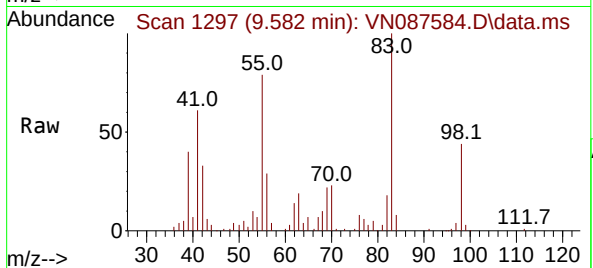
98 44.2 37.9 56.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2025

Supervised By :Mahesh Dadoda 08/19/2025



#40

Benzene

Concen: 19.669 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VN087584.D

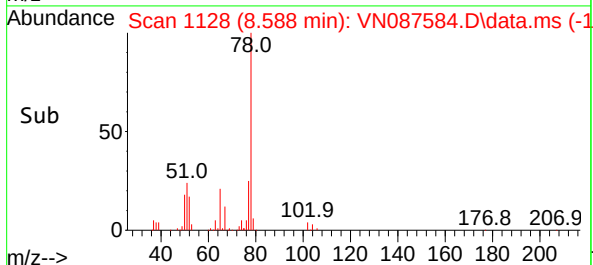
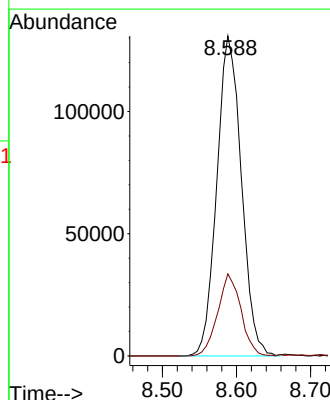
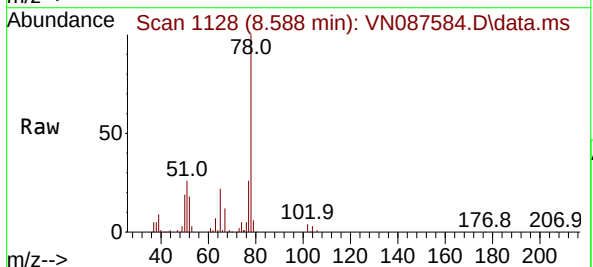
Acq: 15 Aug 2025 16:02

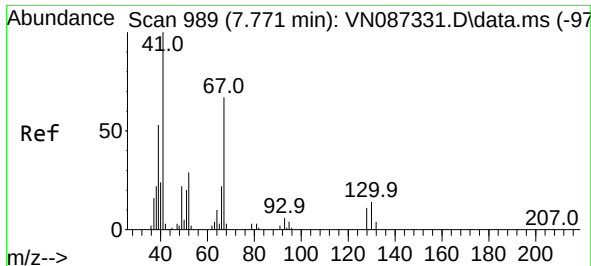
Tgt Ion: 78 Resp: 301510

Ion Ratio Lower Upper

78 100

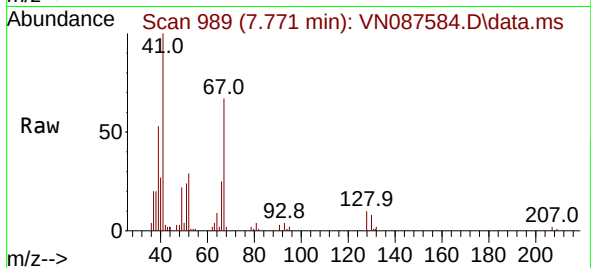
77 25.7 18.2 27.2





#41
Methacrylonitrile
Concen: 21.208 ug/l
RT: 7.771 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN087584.D
Acq: 15 Aug 2025 16:02

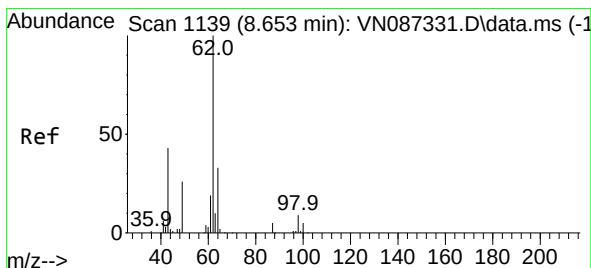
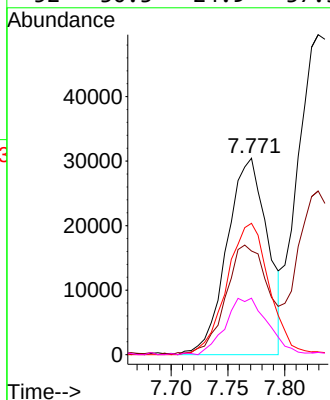
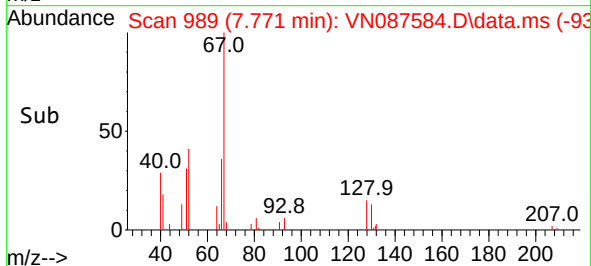
Instrument :
MSVOA_N
ClientSampleId :
VN0815MBS01



Tgt Ion:	41	Resp:	75960
Ion Ratio	100	Lower	Upper
39	58.0	43.4	65.0
67	69.9	55.1	82.7
52	30.3	24.9	37.3

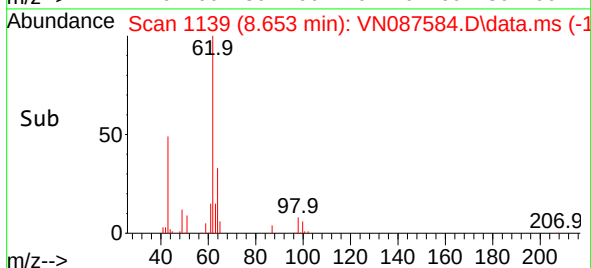
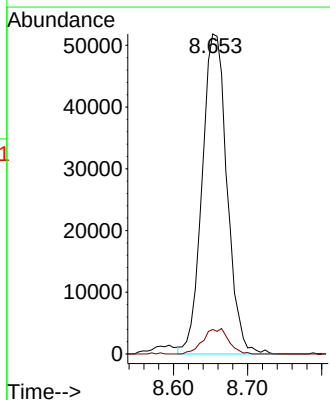
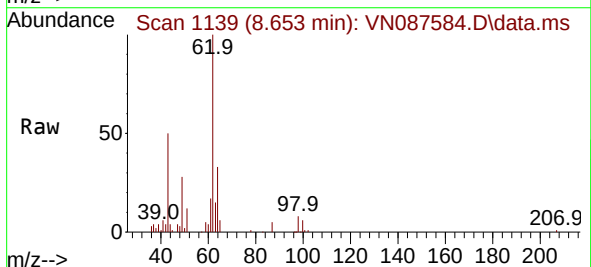
Manual Integrations
APPROVED

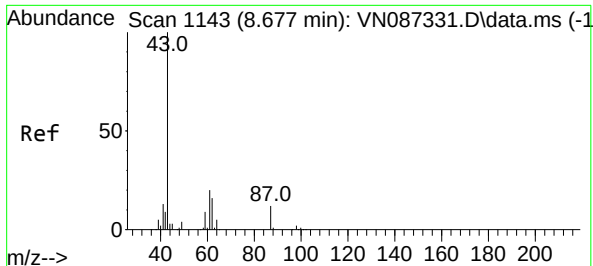
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#42
1,2-Dichloroethane
Concen: 20.776 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. -0.000 min
Lab File: VN087584.D
Acq: 15 Aug 2025 16:02

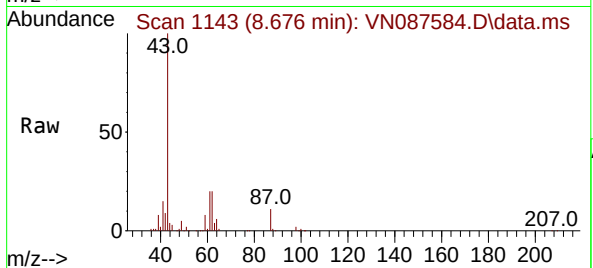
Tgt Ion:	62	Resp:	120774
Ion Ratio	100	Lower	Upper
98	8.1	0.0	18.0





#43
Isopropyl Acetate
Concen: 21.525 ug/l
RT: 8.676 min Scan# 1143
Delta R.T. -0.001 min
Lab File: VN087584.D
Acq: 15 Aug 2025 16:02

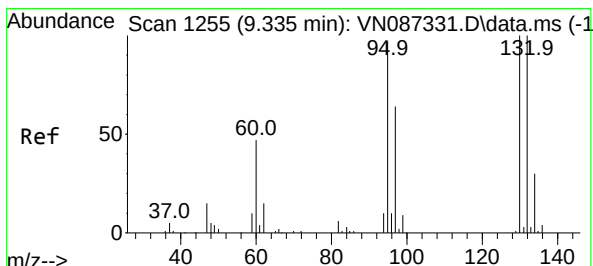
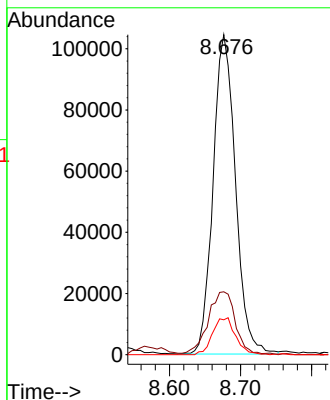
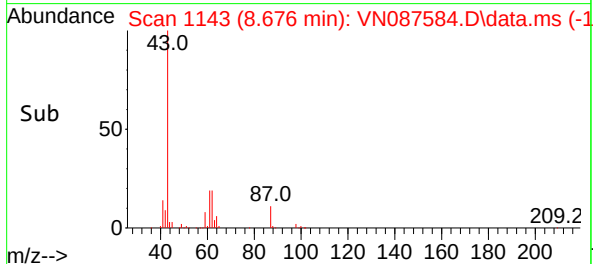
Instrument :
MSVOA_N
ClientSampleId :
VN0815MBS01



Tgt Ion: 43 Resp: 228889
Ion Ratio Lower Upper
43 100
61 24.1 19.8 29.8
87 11.8 9.8 14.6

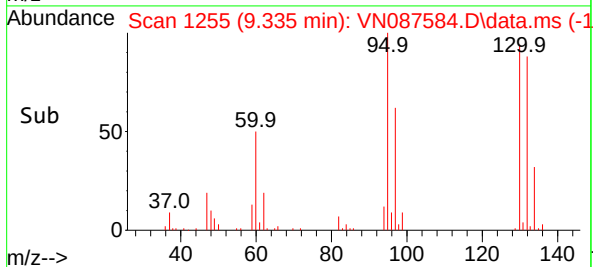
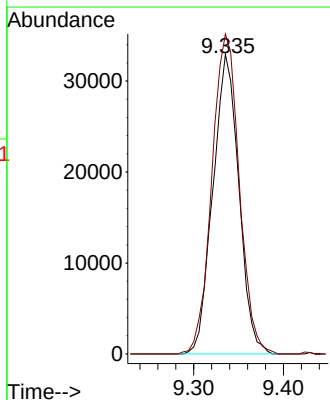
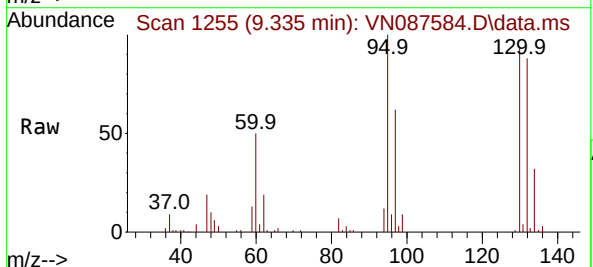
Manual Integrations
APPROVED

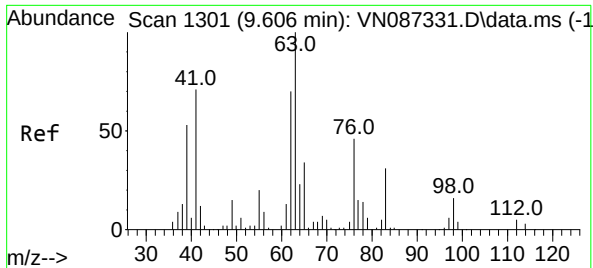
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#44
Trichloroethene
Concen: 18.248 ug/l
RT: 9.335 min Scan# 1255
Delta R.T. 0.000 min
Lab File: VN087584.D
Acq: 15 Aug 2025 16:02

Tgt Ion:130 Resp: 66098
Ion Ratio Lower Upper
130 100
95 106.9 0.0 195.2





#45

1,2-Dichloropropane

Concen: 19.850 ug/l

RT: 9.600 min Scan# 1301

Delta R.T. -0.006 min

Lab File: VN087584.D

Acq: 15 Aug 2025 16:02

Instrument :

MSVOA_N

ClientSampleId :

VN0815MBS01

Tgt Ion: 63 Resp: 7731

Ion Ratio Lower Upper

63 100

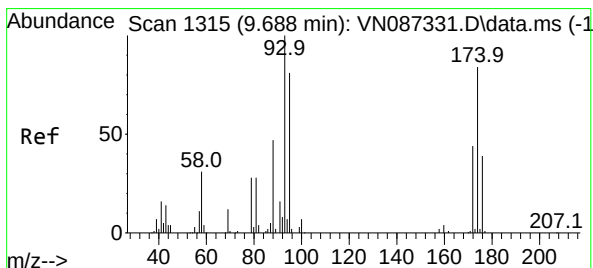
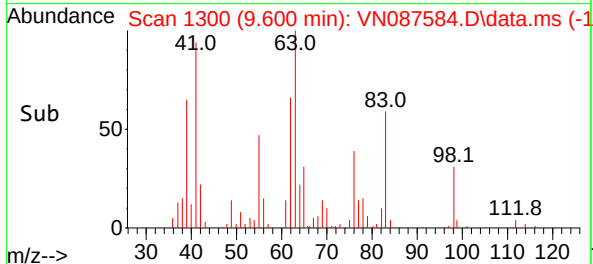
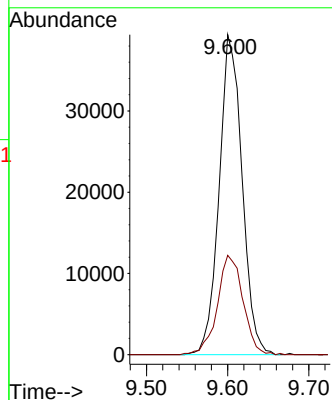
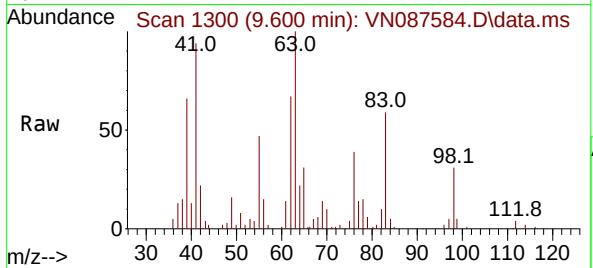
65 31.1 27.0 40.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2025

Supervised By :Mahesh Dadoda 08/19/2025



#46

Dibromomethane

Concen: 20.575 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.006 min

Lab File: VN087584.D

Acq: 15 Aug 2025 16:02

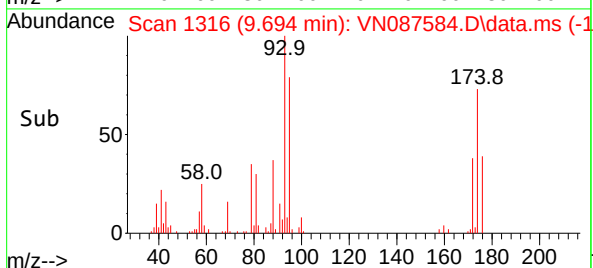
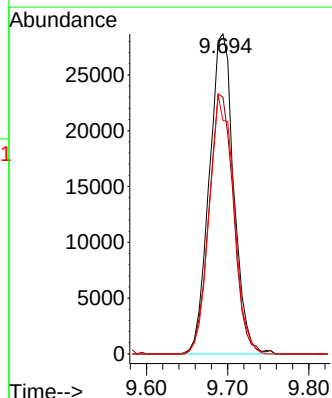
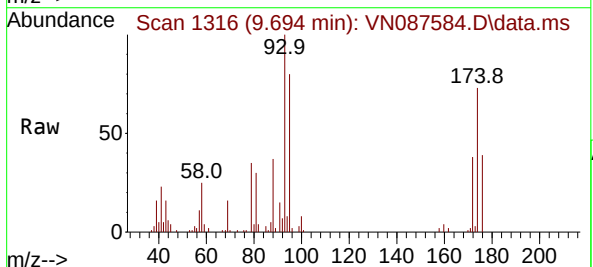
Tgt Ion: 93 Resp: 60003

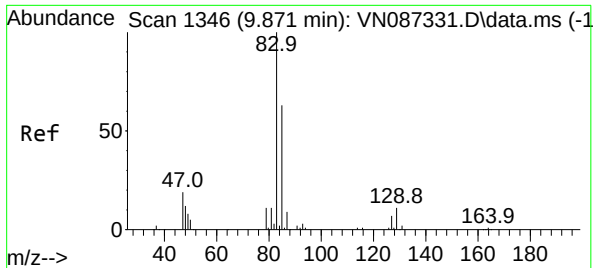
Ion Ratio Lower Upper

93 100

95 81.7 65.8 98.8

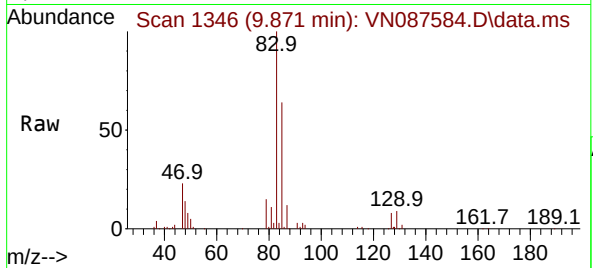
174 81.3 69.9 104.9





#47
Bromodichloromethane
Concen: 20.180 ug/l
RT: 9.871 min Scan# 1346
Delta R.T. -0.000 min
Lab File: VN087584.D
Acq: 15 Aug 2025 16:02

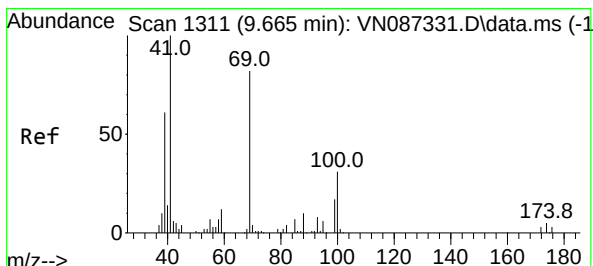
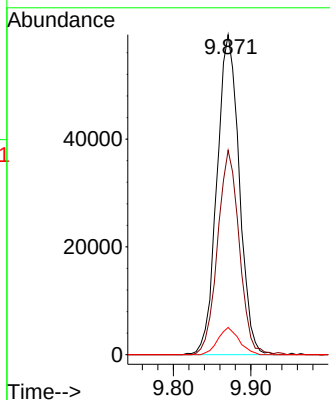
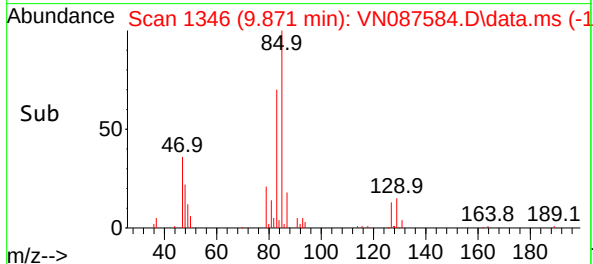
Instrument :
MSVOA_N
ClientSampleId :
VN0815MBS01



Tgt Ion: 83 Resp: 118544
Ion Ratio Lower Upper
83 100
85 63.8 50.4 75.6
127 8.5 5.8 8.8

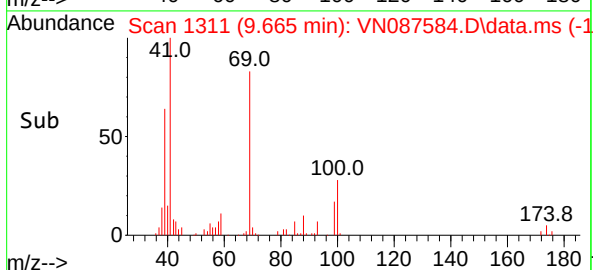
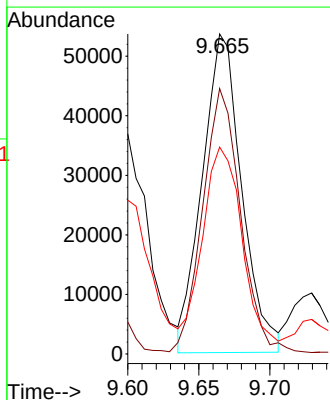
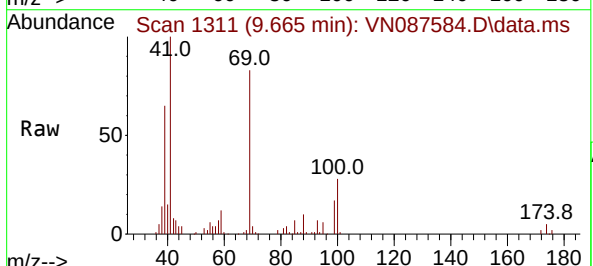
Manual Integrations
APPROVED

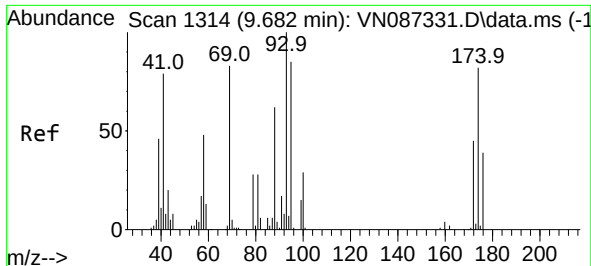
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#48
Methyl methacrylate
Concen: 21.580 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. -0.000 min
Lab File: VN087584.D
Acq: 15 Aug 2025 16:02

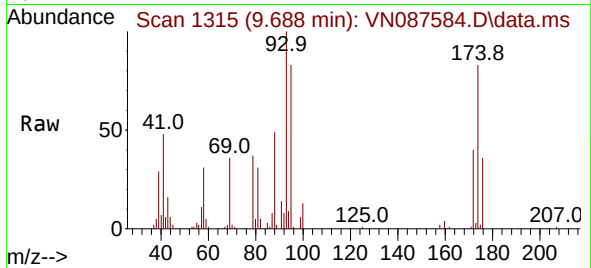
Tgt Ion: 41 Resp: 103306
Ion Ratio Lower Upper
41 100
69 79.7 64.1 96.1
39 66.8 45.5 68.3





#49
1,4-Dioxane
Concen: 436.172 ug/l
RT: 9.688 min Scan# 1314
Delta R.T. 0.006 min
Lab File: VN087584.D
Acq: 15 Aug 2025 16:02

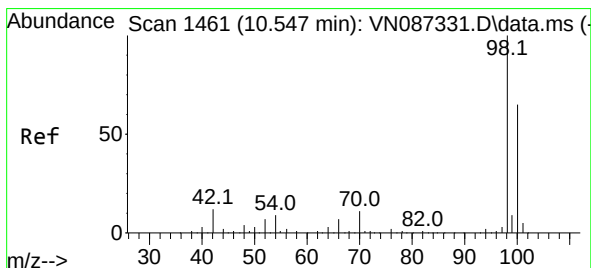
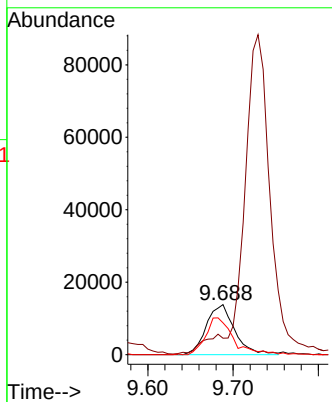
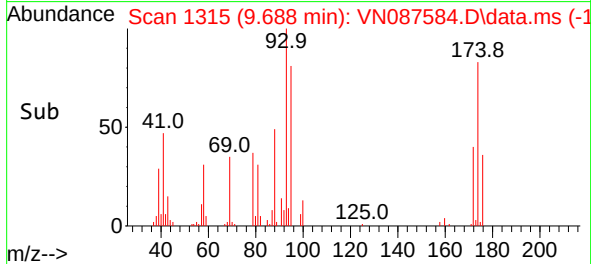
Instrument :
MSVOA_N
ClientSampleId :
VN0815MBS01



Tgt Ion: 88 Resp: 31980
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 72.8 61.1 91.7

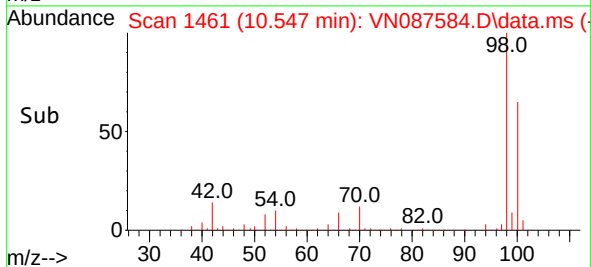
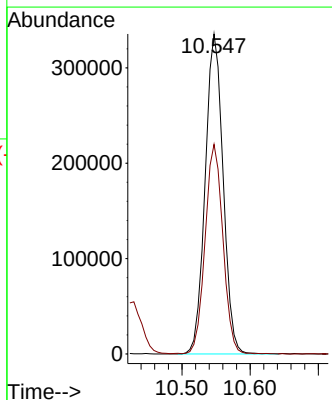
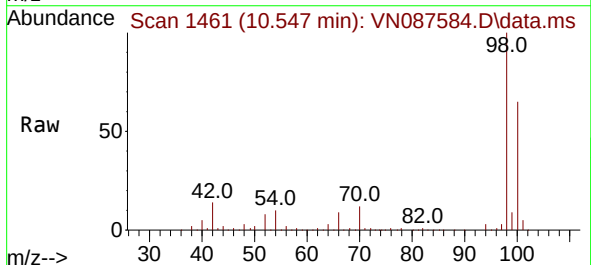
Manual Integrations
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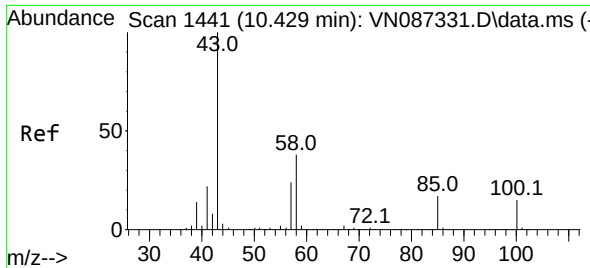
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#50
Toluene-d8
Concen: 47.924 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN087584.D
Acq: 15 Aug 2025 16:02

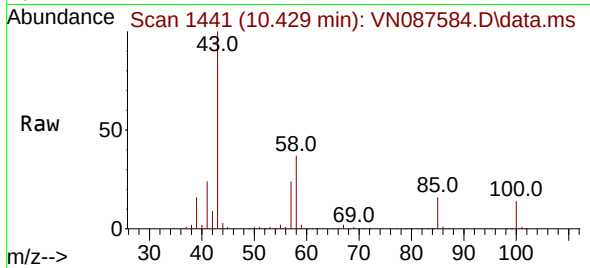
Tgt Ion: 98 Resp: 613711
Ion Ratio Lower Upper
98 100
100 65.2 52.1 78.1





#51
4-Methyl-2-Pentanone
Concen: 104.003 ug/l
RT: 10.429 min Scan# 1441
Delta R.T. 0.000 min
Lab File: VN087584.D
Acq: 15 Aug 2025 16:02

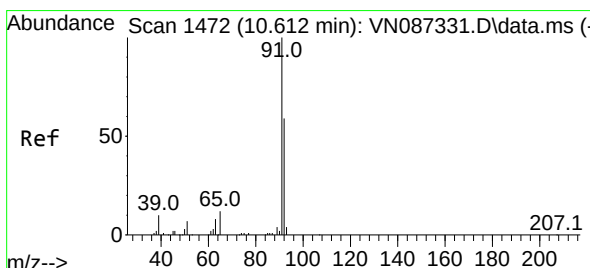
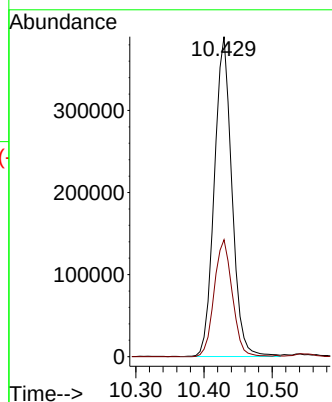
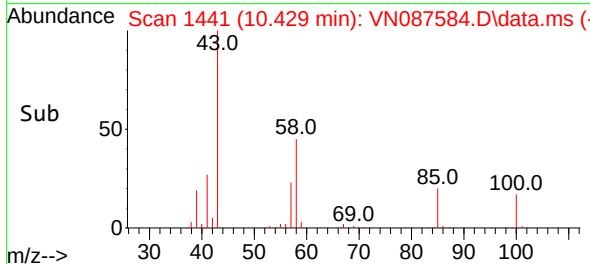
Instrument :
MSVOA_N
ClientSampleId :
VN0815MBS01



Tgt Ion: 43 Resp: 699469
Ion Ratio Lower Upper
43 100
58 37.9 30.8 46.2

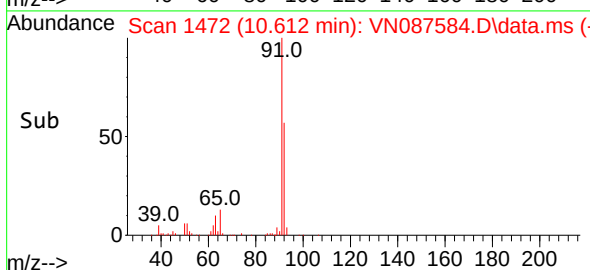
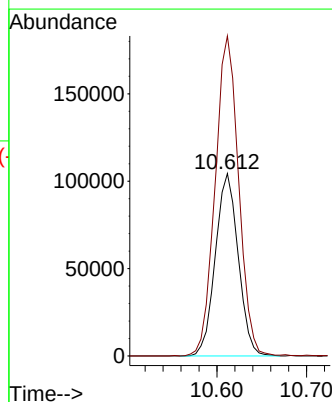
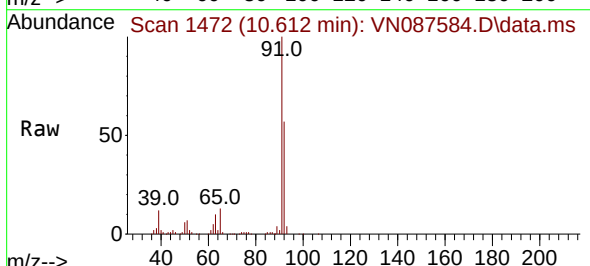
Manual Integrations
APPROVED

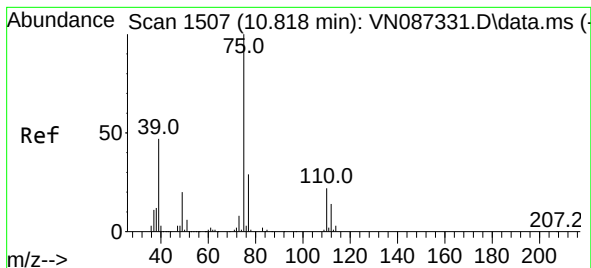
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#52
Toluene
Concen: 19.798 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VN087584.D
Acq: 15 Aug 2025 16:02

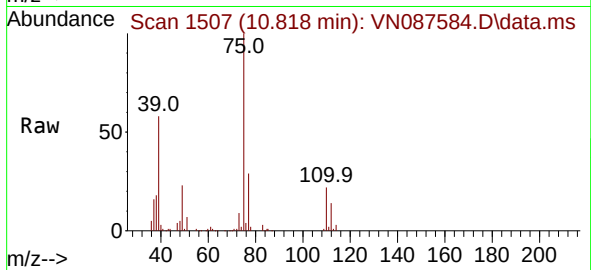
Tgt Ion: 92 Resp: 184471
Ion Ratio Lower Upper
92 100
91 180.3 135.1 202.7





#53
 t-1,3-Dichloropropene
 Concen: 20.390 ug/l
 RT: 10.818 min Scan# 1507
 Delta R.T. -0.000 min
 Lab File: VN087584.D
 Acq: 15 Aug 2025 16:02

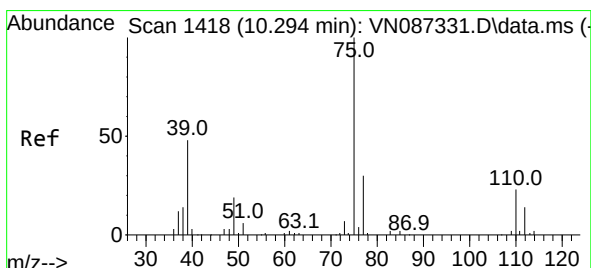
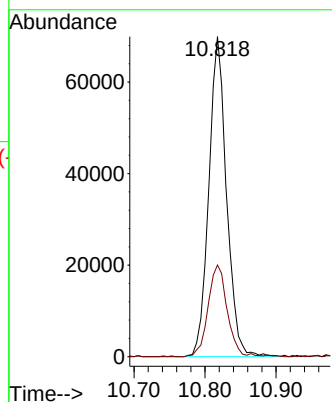
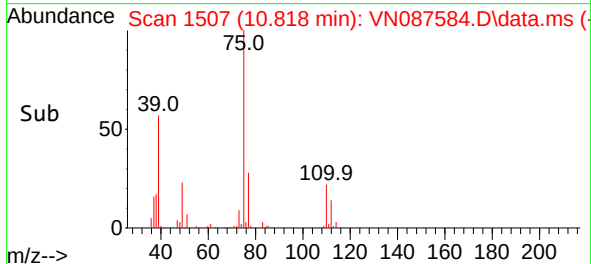
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0815MBS01



Tgt Ion: 75 Resp: 121219
 Ion Ratio Lower Upper
 75 100
 77 28.7 23.6 35.4

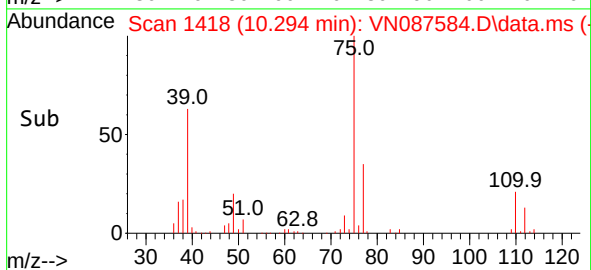
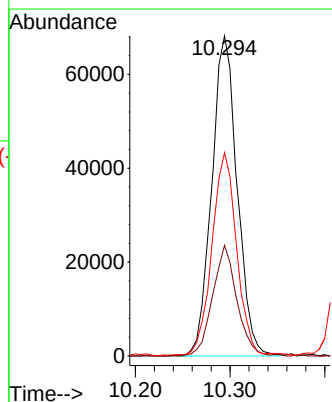
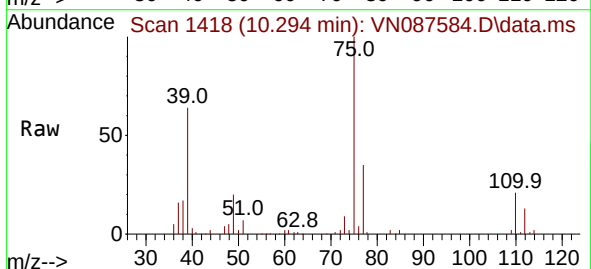
Manual Integrations
 APPROVED

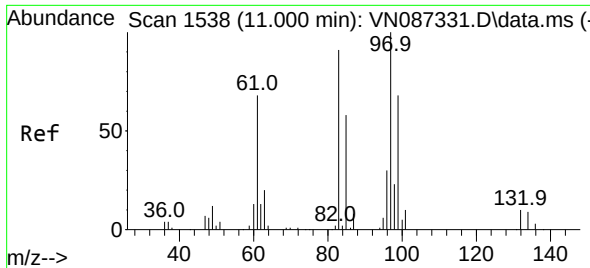
Reviewed By :John Carlone 08/18/2025
 Supervised By :Mahesh Dadoda 08/19/2025



#54
 cis-1,3-Dichloropropene
 Concen: 20.721 ug/l
 RT: 10.294 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VN087584.D
 Acq: 15 Aug 2025 16:02

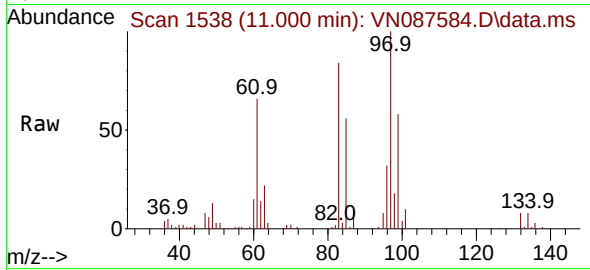
Tgt Ion: 75 Resp: 127242
 Ion Ratio Lower Upper
 75 100
 77 34.6 24.2 36.2
 39 63.1 38.4 57.6#





#55
1,1,2-Trichloroethane
Concen: 20.288 ug/l
RT: 11.000 min Scan# 1538
Delta R.T. -0.000 min
Lab File: VN087584.D
Acq: 15 Aug 2025 16:02

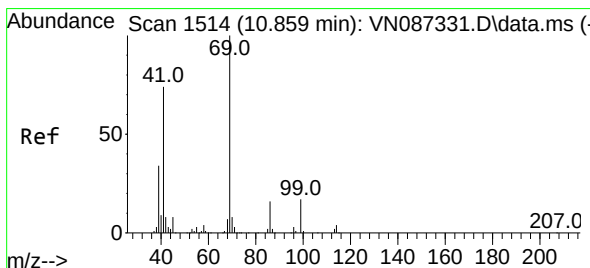
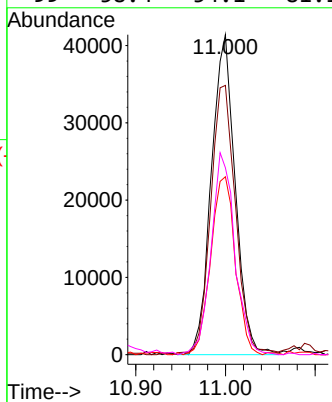
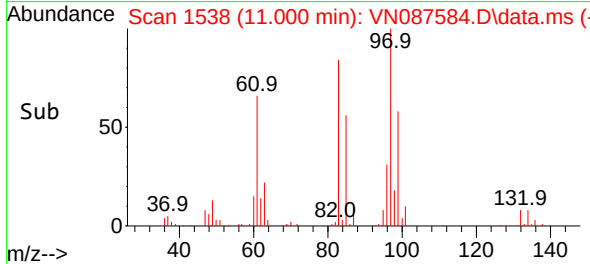
Instrument :
MSVOA_N
ClientSampleId :
VN0815MBS01



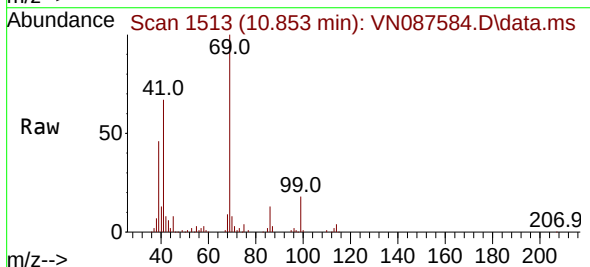
Tgt Ion: 97 Resp: 76530
Ion Ratio Lower Upper
97 100
83 83.5 72.6 109.0
85 55.1 46.7 70.1
99 58.4 54.1 81.1

Manual Integrations
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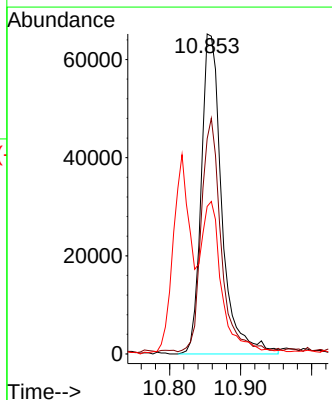
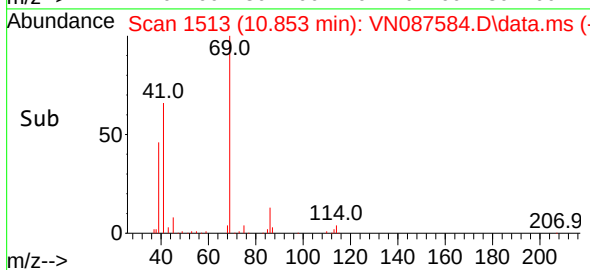
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

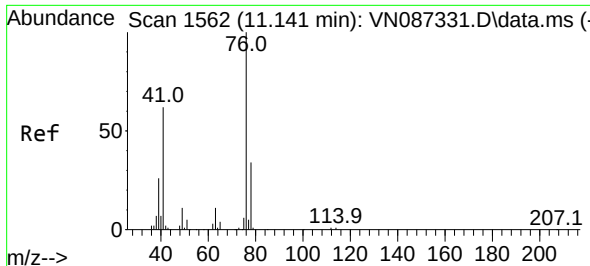


#56
Ethyl methacrylate
Concen: 21.594 ug/l
RT: 10.853 min Scan# 1513
Delta R.T. -0.006 min
Lab File: VN087584.D
Acq: 15 Aug 2025 16:02



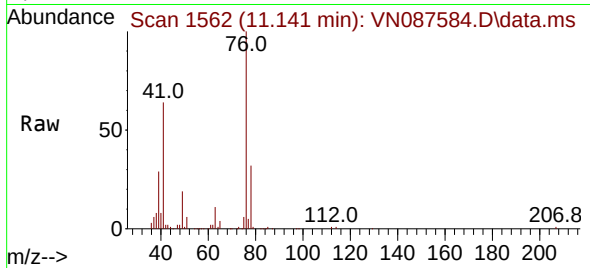
Tgt Ion: 69 Resp: 132115
Ion Ratio Lower Upper
69 100
41 69.5 55.1 82.7
39 48.0 27.9 41.9#





#57
1,3-Dichloropropane
Concen: 20.802 ug/l
RT: 11.141 min Scan# 1562
Delta R.T. 0.000 min
Lab File: VN087584.D
Acq: 15 Aug 2025 16:02

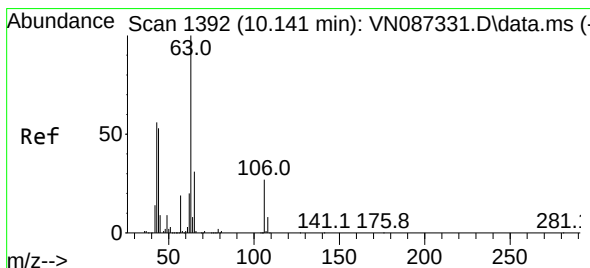
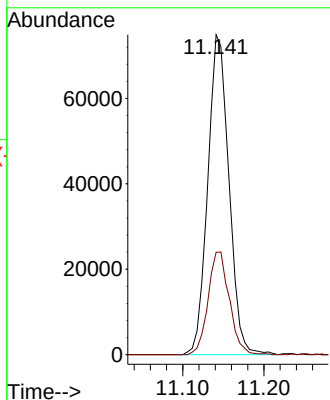
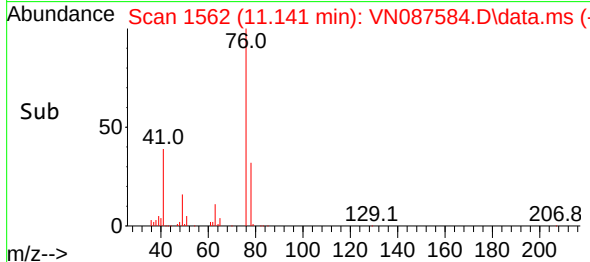
Instrument :
MSVOA_N
ClientSampleId :
VN0815MBS01



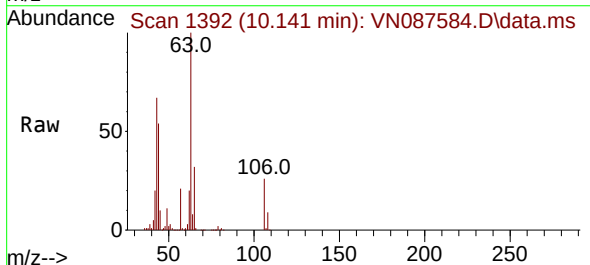
Tgt Ion: 76 Resp: 135674
Ion Ratio Lower Upper
76 100
78 32.3 26.0 39.0

Manual Integrations
APPROVED

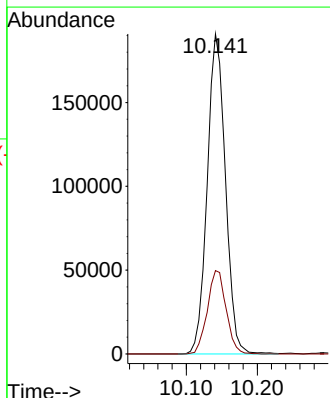
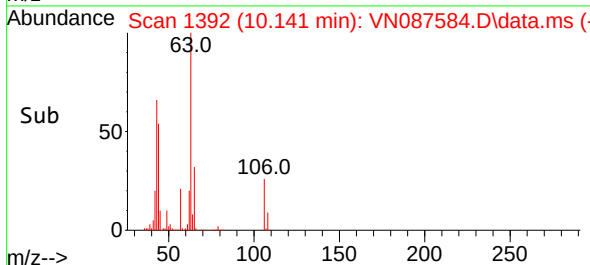
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

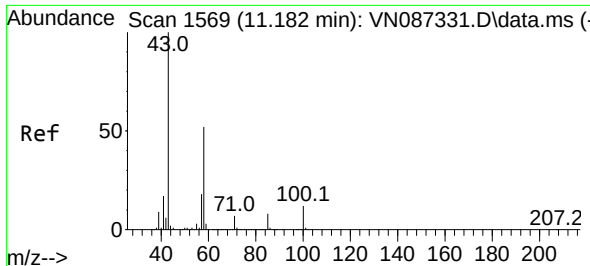


#58
2-Chloroethyl Vinyl ether
Concen: 109.752 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VN087584.D
Acq: 15 Aug 2025 16:02



Tgt Ion: 63 Resp: 339618
Ion Ratio Lower Upper
63 100
106 26.8 21.7 32.5





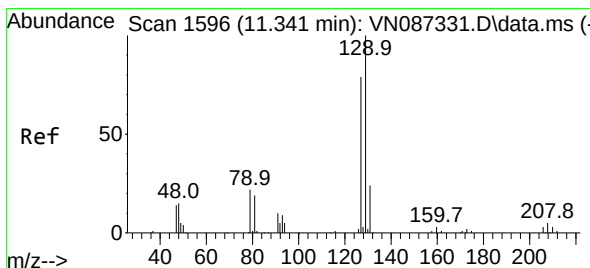
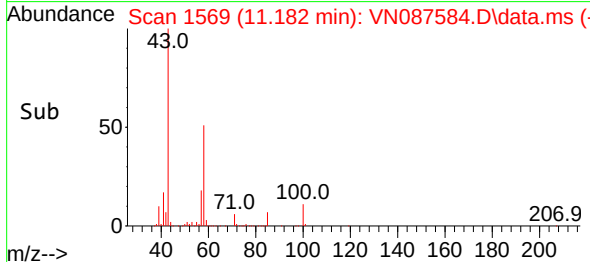
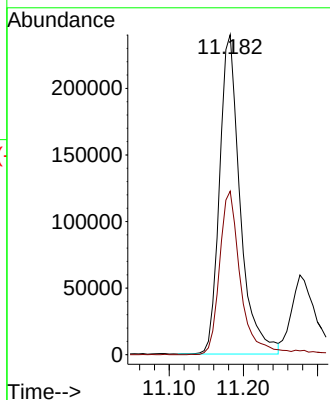
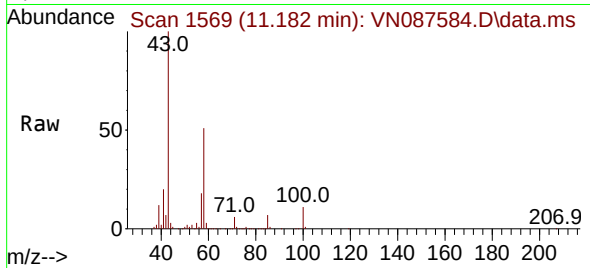
#59
2-Hexanone
Concen: 103.806 ug/l
RT: 11.182 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VN087584.D
Acq: 15 Aug 2025 16:02

Instrument :
MSVOA_N
ClientSampleId :
VN0815MBS01

Tgt Ion: 43 Resp: 46319
Ion Ratio Lower Upper
43 100
58 52.0 26.7 80.0

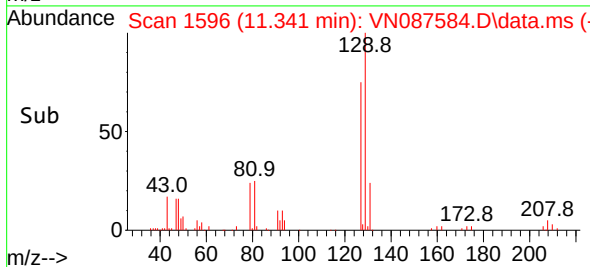
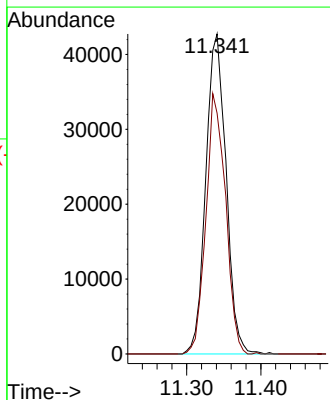
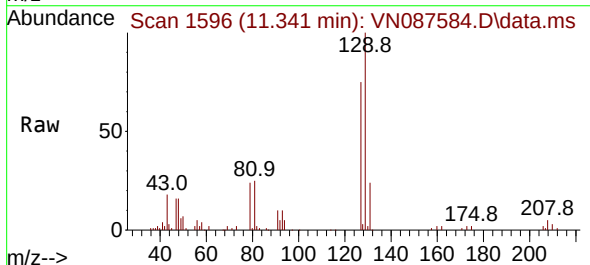
Manual Integrations
APPROVED

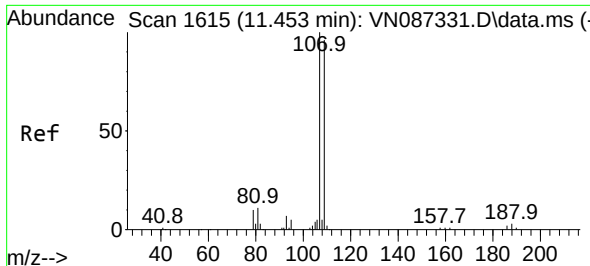
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#60
Dibromochloromethane
Concen: 18.852 ug/l
RT: 11.341 min Scan# 1596
Delta R.T. -0.000 min
Lab File: VN087584.D
Acq: 15 Aug 2025 16:02

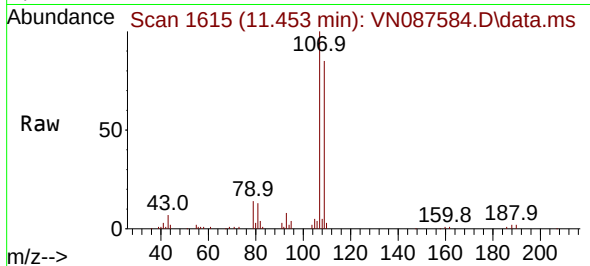
Tgt Ion:129 Resp: 81101
Ion Ratio Lower Upper
129 100
127 78.7 39.1 117.5





#61
1,2-Dibromoethane
Concen: 20.170 ug/l
RT: 11.453 min Scan# 1615
Delta R.T. -0.000 min
Lab File: VN087584.D
Acq: 15 Aug 2025 16:02

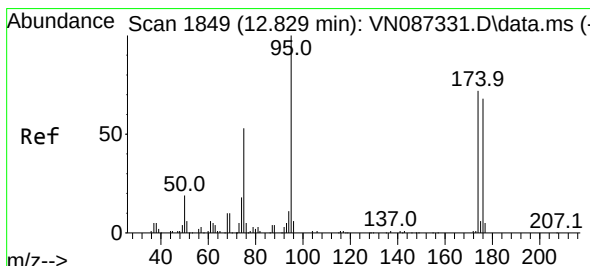
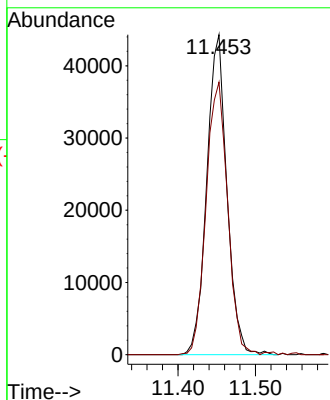
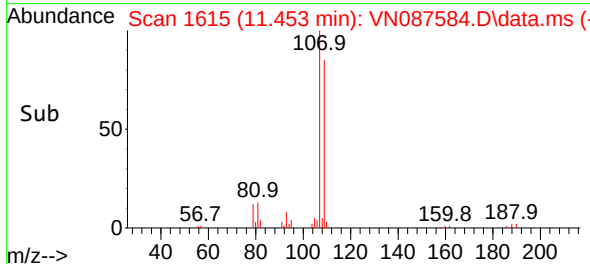
Instrument :
MSVOA_N
ClientSampleId :
VN0815MBS01



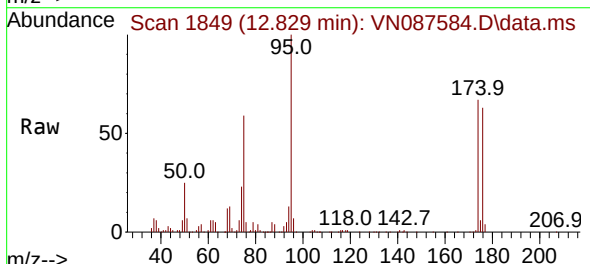
Tgt Ion:107 Resp: 7998
Ion Ratio Lower Upper
107 100
109 90.8 77.5 116.3

Manual Integrations
APPROVED

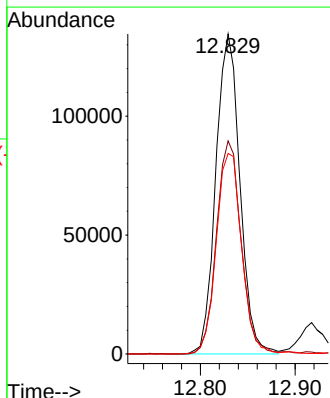
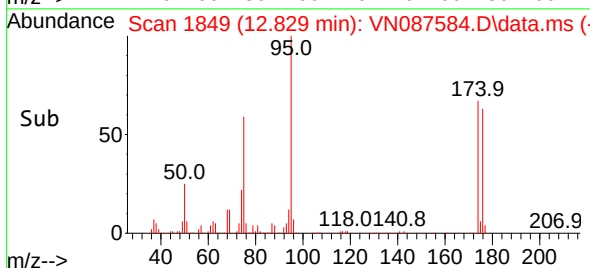
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

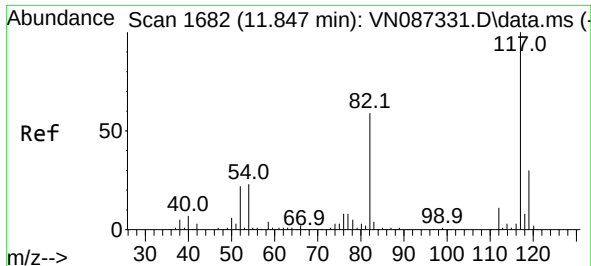


#62
4-Bromofluorobenzene
Concen: 50.299 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. -0.000 min
Lab File: VN087584.D
Acq: 15 Aug 2025 16:02



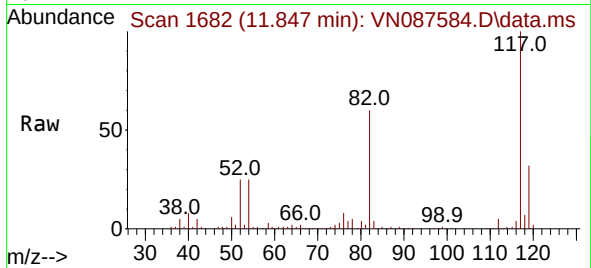
Tgt Ion: 95 Resp: 237971
Ion Ratio Lower Upper
95 100
174 68.3 0.0 149.4
176 65.9 0.0 141.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN087584.D
Acq: 15 Aug 2025 16:02

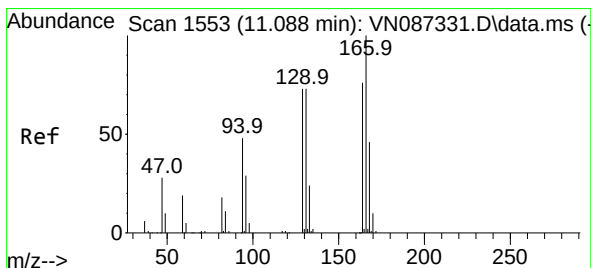
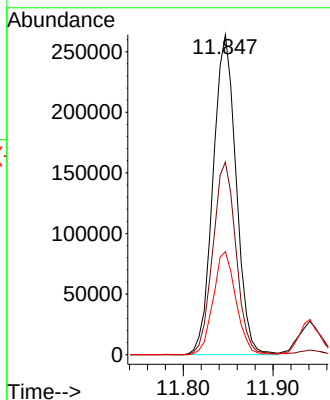
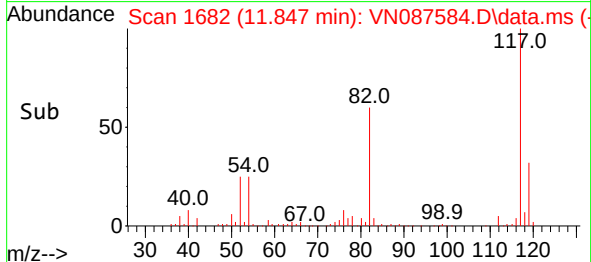
Instrument :
MSVOA_N
ClientSampleId :
VN0815MBS01



Tgt Ion:117 Resp: 47061
Ion Ratio Lower Upper
117 100
82 60.2 47.4 71.2
119 32.2 23.8 35.8

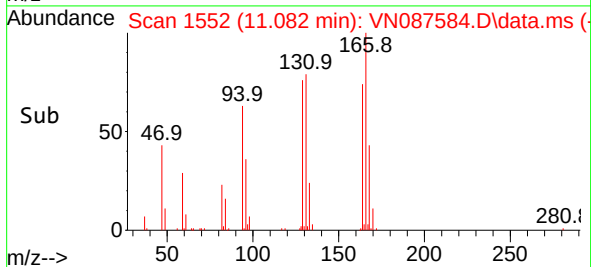
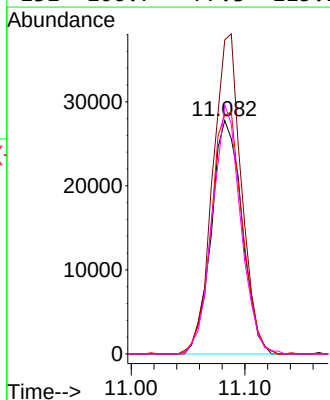
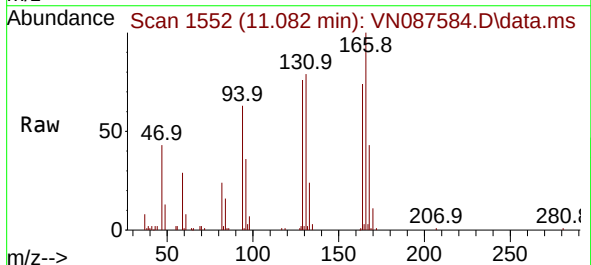
Manual Integrations
APPROVED

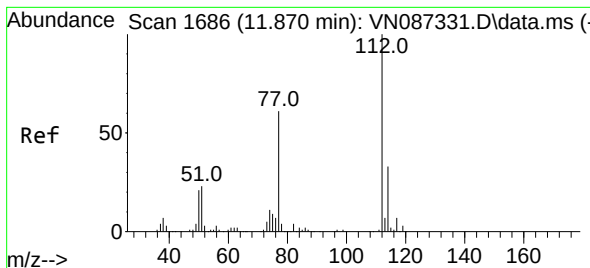
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#64
Tetrachloroethene
Concen: 17.210 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. -0.006 min
Lab File: VN087584.D
Acq: 15 Aug 2025 16:02

Tgt Ion:164 Resp: 52128
Ion Ratio Lower Upper
164 100
166 134.6 105.5 158.3
129 102.3 77.4 116.2
131 106.7 77.3 115.9





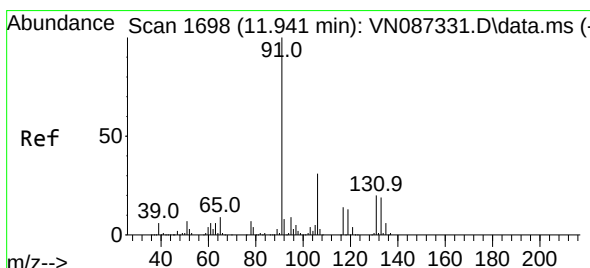
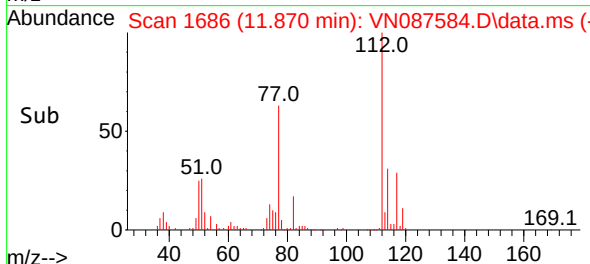
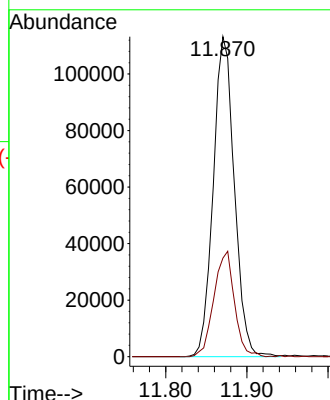
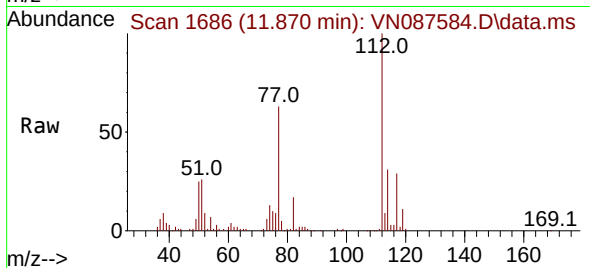
#65
Chlorobenzene
Concen: 19.359 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN087584.D
Acq: 15 Aug 2025 16:02

Instrument :
MSVOA_N
ClientSampleId :
VN0815MBS01

Tgt Ion:112 Resp: 20454
Ion Ratio Lower Upper
112 100
114 30.8 26.5 39.7

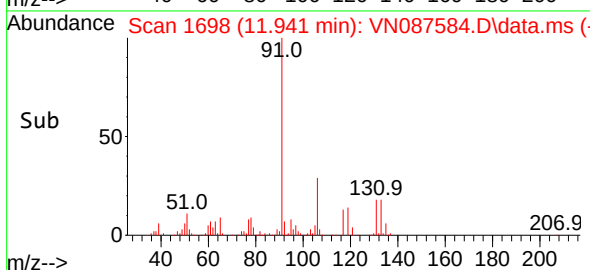
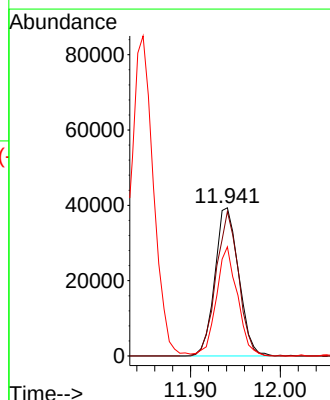
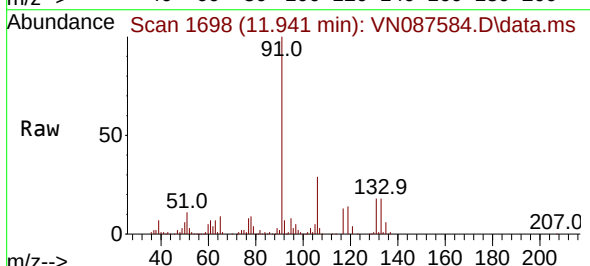
Manual Integrations
APPROVED

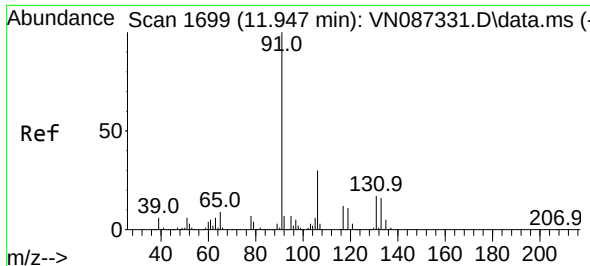
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 20.180 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN087584.D
Acq: 15 Aug 2025 16:02

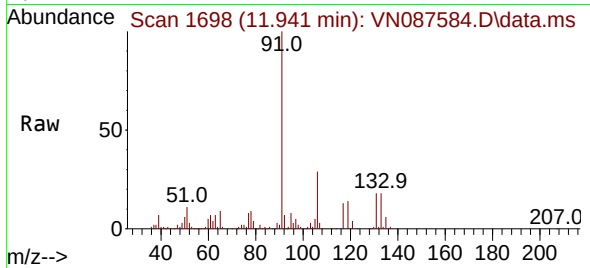
Tgt Ion:131 Resp: 72500
Ion Ratio Lower Upper
131 100
133 91.9 47.4 142.3
119 65.4 33.1 99.2





#67
Ethyl Benzene
Concen: 20.700 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.006 min
Lab File: VN087584.D
Acq: 15 Aug 2025 16:02

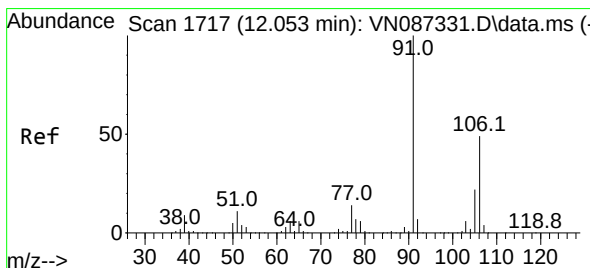
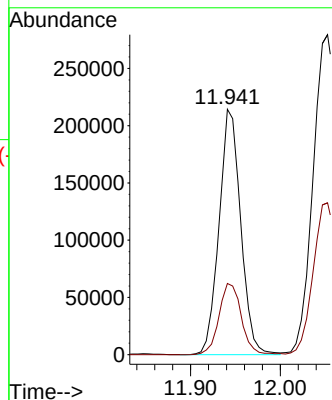
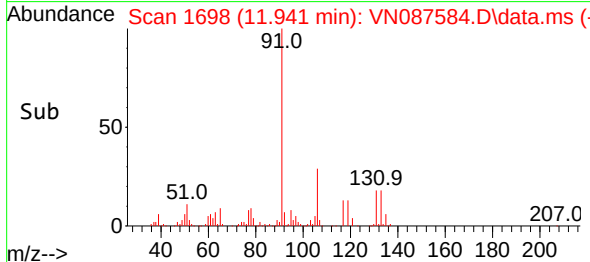
Instrument :
MSVOA_N
ClientSampleId :
VN0815MBS01



Tgt Ion: 91 Resp: 36005
Ion Ratio Lower Upper
91 100
106 29.0 24.3 36.5

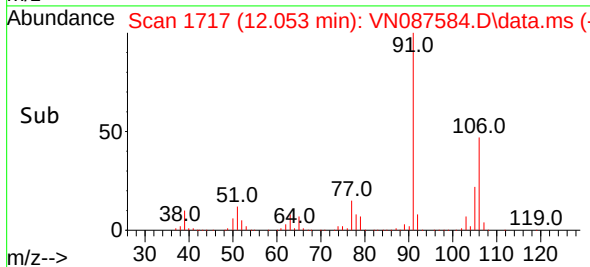
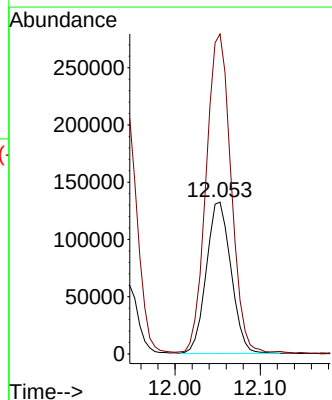
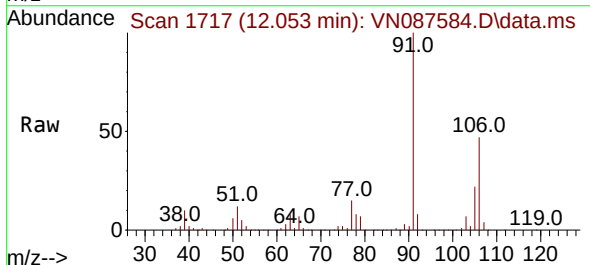
Manual Integrations
APPROVED

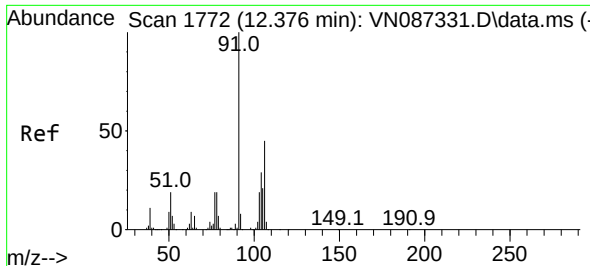
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#68
m/p-Xylenes
Concen: 40.951 ug/l
RT: 12.053 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VN087584.D
Acq: 15 Aug 2025 16:02

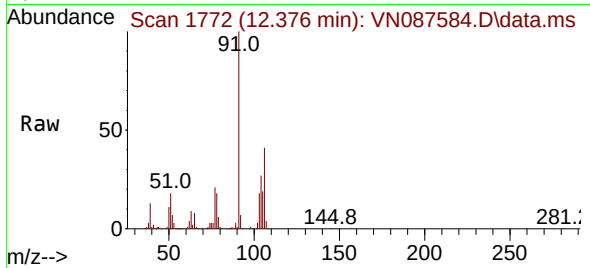
Tgt Ion:106 Resp: 266723
Ion Ratio Lower Upper
106 100
91 210.8 162.0 243.0





#69
o-Xylene
Concen: 21.063 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VN087584.D
Acq: 15 Aug 2025 16:02

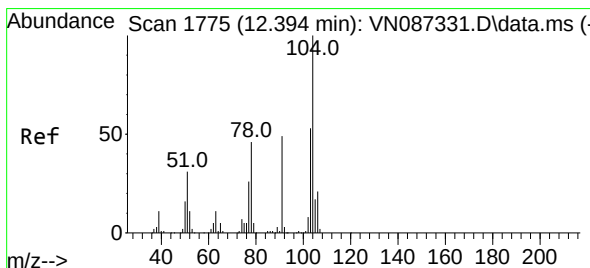
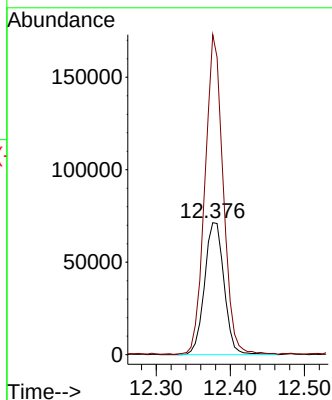
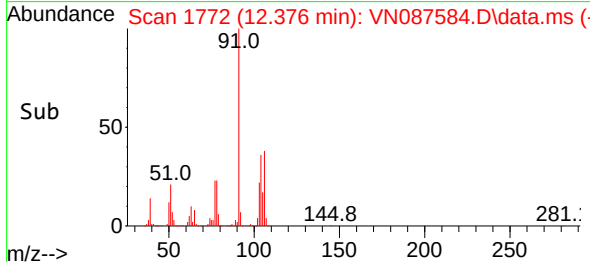
Instrument :
MSVOA_N
ClientSampleId :
VN0815MBS01



Tgt Ion:106 Resp: 131044
Ion Ratio Lower Upper
106 100
91 225.9 107.7 323.3

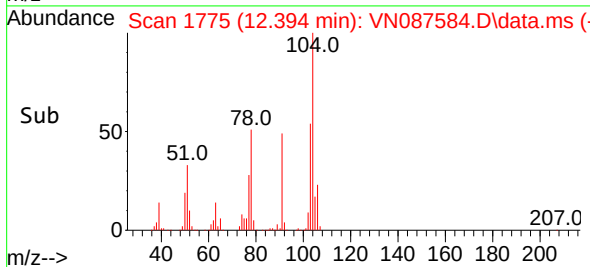
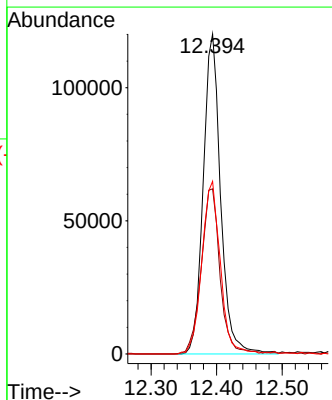
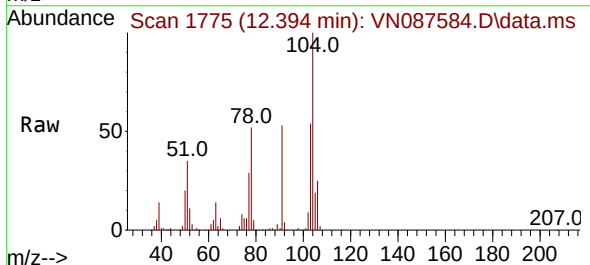
Manual Integrations
APPROVED

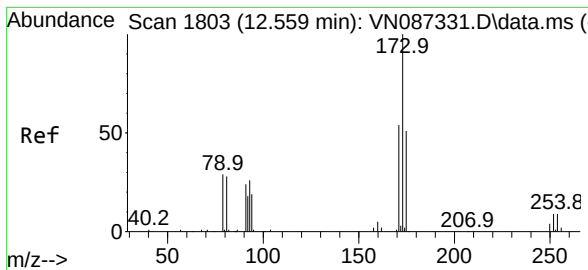
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#70
Styrene
Concen: 21.209 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN087584.D
Acq: 15 Aug 2025 16:02

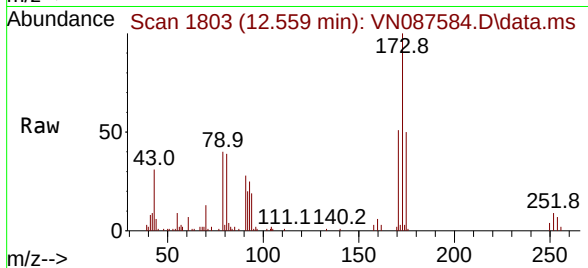
Tgt Ion:104 Resp: 221982
Ion Ratio Lower Upper
104 100
78 55.7 41.0 61.6
103 57.4 43.9 65.9





#71
Bromoform
Concen: 17.299 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VN087584.D
Acq: 15 Aug 2025 16:02

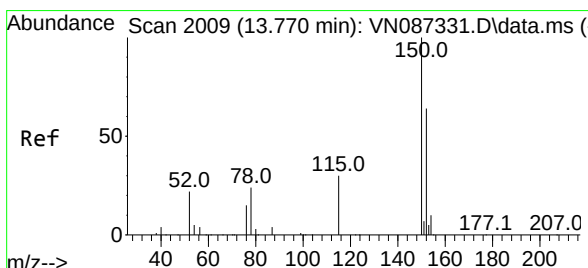
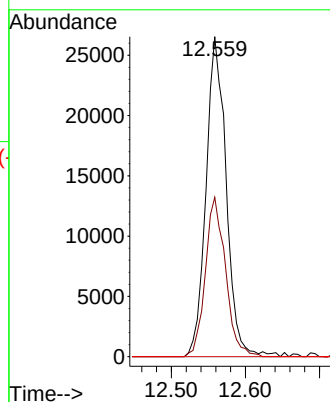
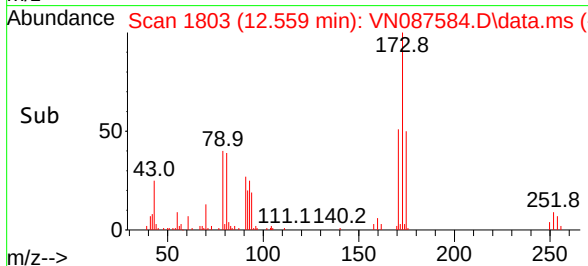
Instrument :
MSVOA_N
ClientSampleId :
VN0815MBS01



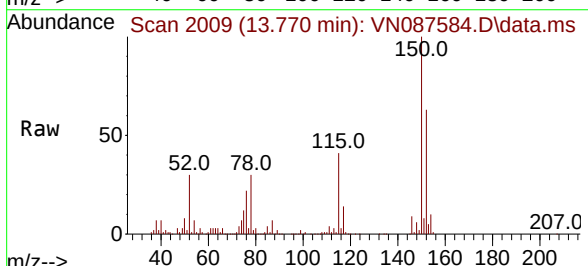
Tgt Ion:173 Resp: 5021
Ion Ratio Lower Upper
173 100
175 49.9 24.1 72.3
254 0.0 0.0 0.0

Manual Integrations
APPROVED

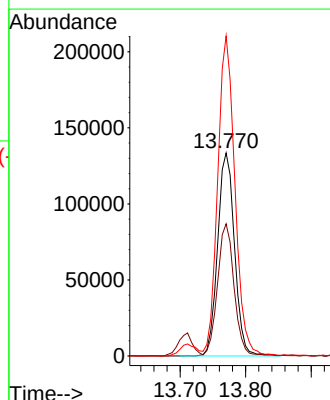
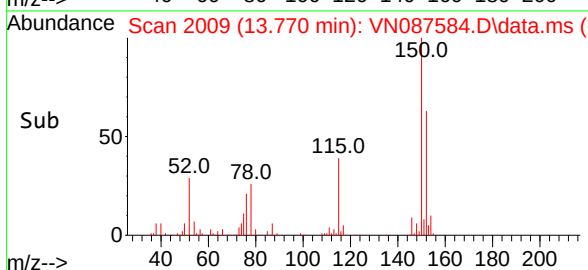
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

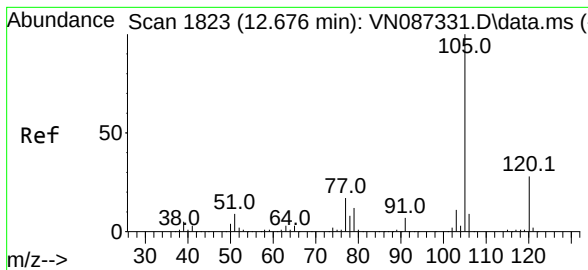


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. -0.000 min
Lab File: VN087584.D
Acq: 15 Aug 2025 16:02



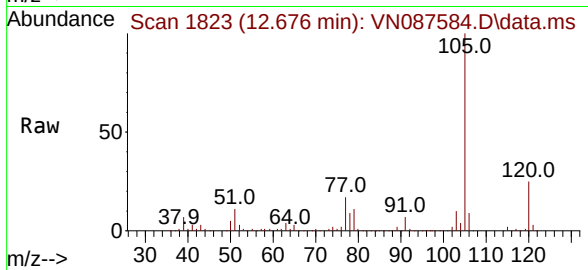
Tgt Ion:152 Resp: 238094
Ion Ratio Lower Upper
152 100
115 64.1 31.1 93.5
150 159.7 0.0 349.0





#73
Isopropylbenzene
Concen: 22.692 ug/l
RT: 12.676 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087584.D
Acq: 15 Aug 2025 16:02

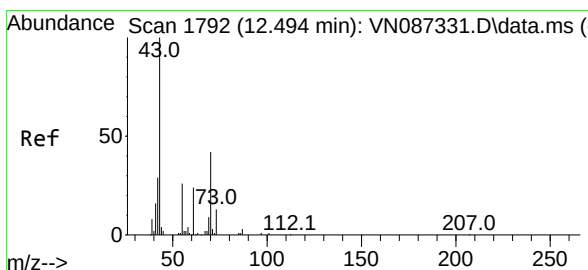
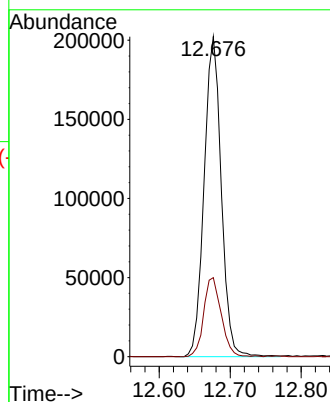
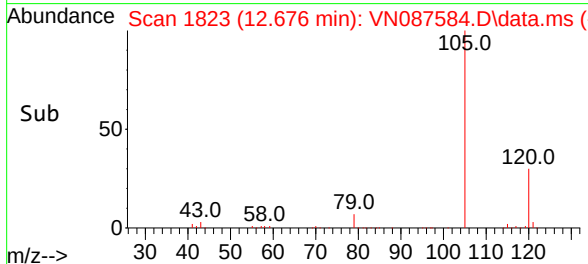
Instrument :
MSVOA_N
ClientSampleId :
VN0815MBS01



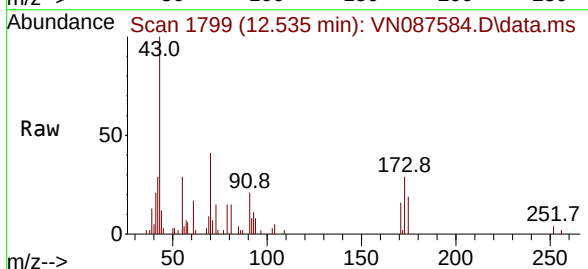
Tgt Ion:105 Resp: 34003
Ion Ratio Lower Upper
105 100
120 25.2 13.4 40.1

Manual Integrations
APPROVED

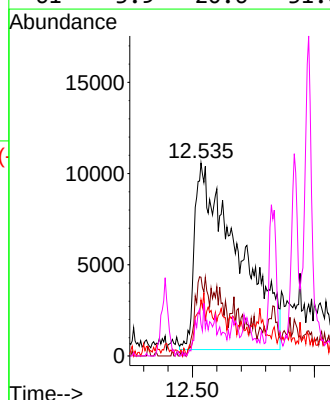
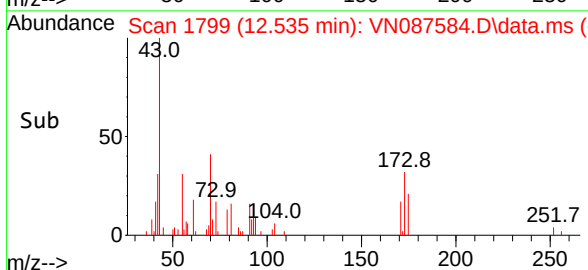
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

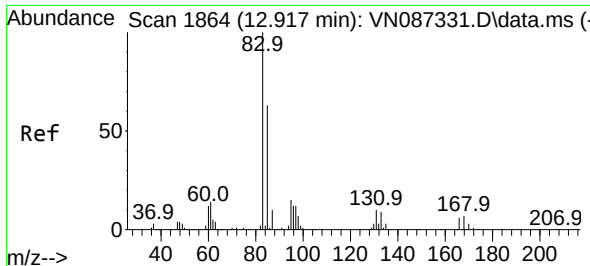


#74
N-ethyl acetate
Concen: 20.426 ug/l m
RT: 12.535 min Scan# 1799
Delta R.T. 0.041 min
Lab File: VN087584.D
Acq: 15 Aug 2025 16:02



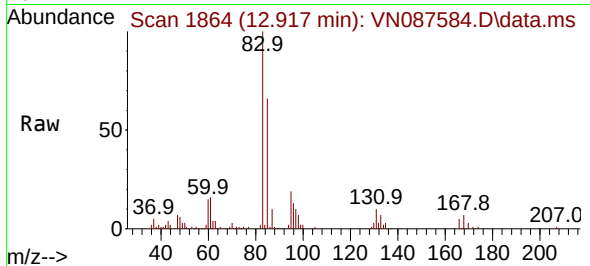
Tgt Ion: 43 Resp: 127172
Ion Ratio Lower Upper
43 100
70 8.6 37.6 56.4#
55 0.0 19.6 29.4#
61 3.9 20.6 31.0#





#75
1,1,2,2-Tetrachloroethane
Concen: 21.257 ug/l
RT: 12.917 min Scan# 1864
Delta R.T. -0.000 min
Lab File: VN087584.D
Acq: 15 Aug 2025 16:02

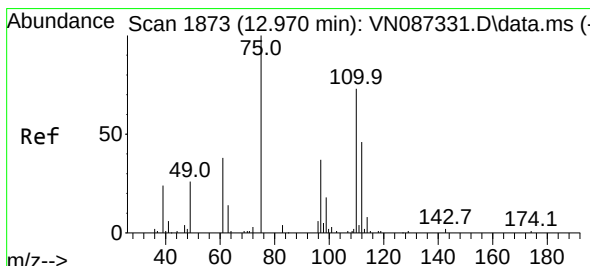
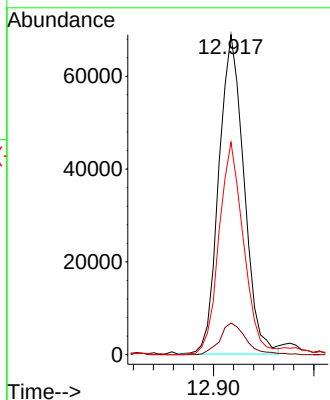
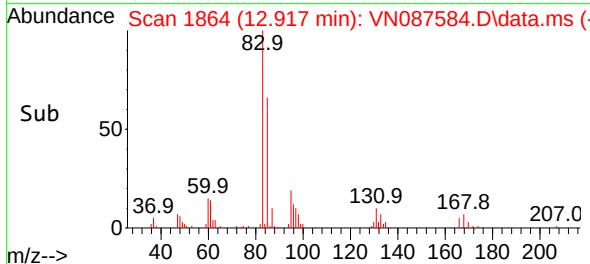
Instrument :
MSVOA_N
ClientSampleId :
VN0815MBS01



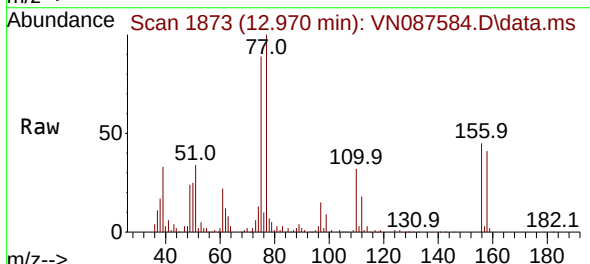
Tgt Ion: 83 Resp: 119858
Ion Ratio Lower Upper
83 100
131 10.4 5.1 15.3
85 65.2 32.5 97.4

Manual Integrations
APPROVED

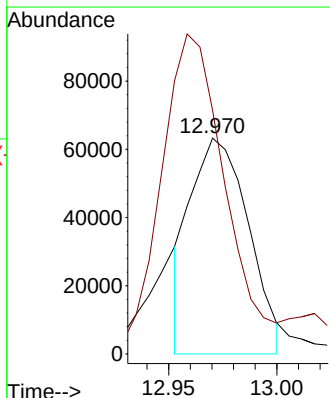
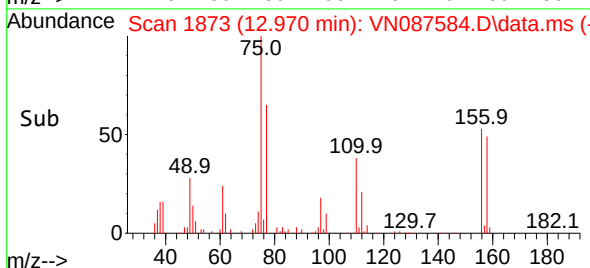
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

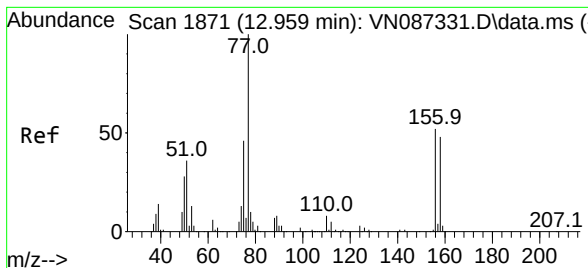


#76
1,2,3-Trichloropropane
Concen: 22.123 ug/l m
RT: 12.970 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN087584.D
Acq: 15 Aug 2025 16:02



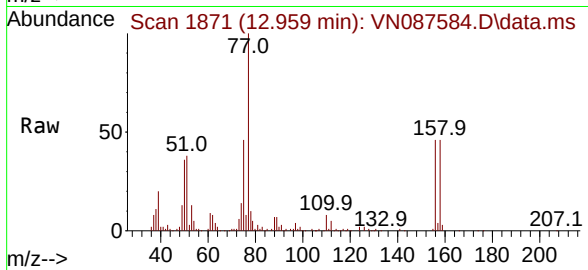
Tgt Ion: 75 Resp: 118118
Ion Ratio Lower Upper
75 100
77 164.2 94.5 283.6





#77
Bromobenzene
Concen: 20.817 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN087584.D
Acq: 15 Aug 2025 16:02

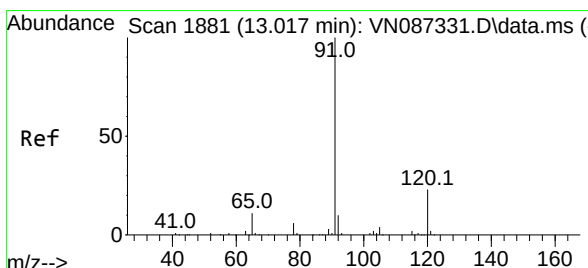
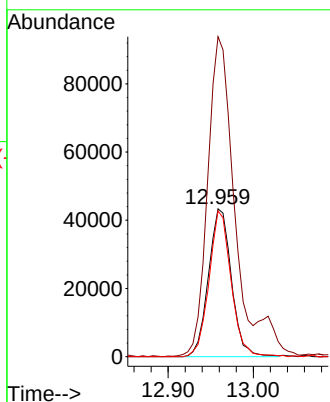
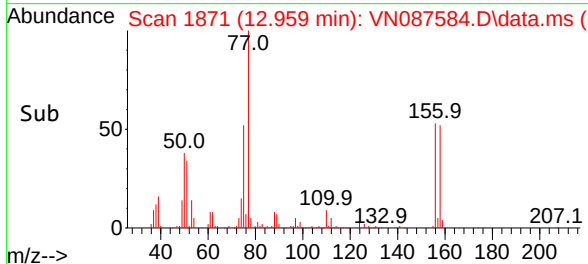
Instrument :
MSVOA_N
ClientSampleId :
VN0815MBS01



Tgt Ion:156 Resp: 8090
Ion Ratio Lower Upper
156 100
77 239.8 114.9 344.6
158 95.0 48.5 145.5

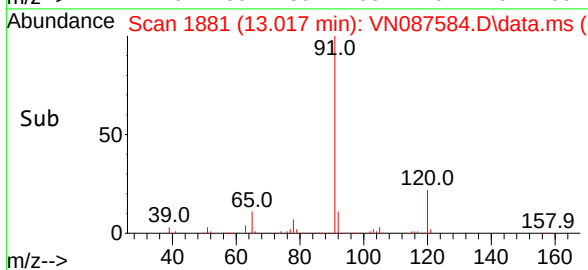
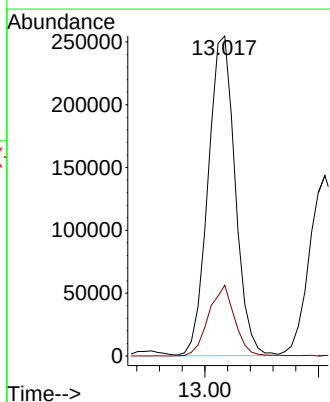
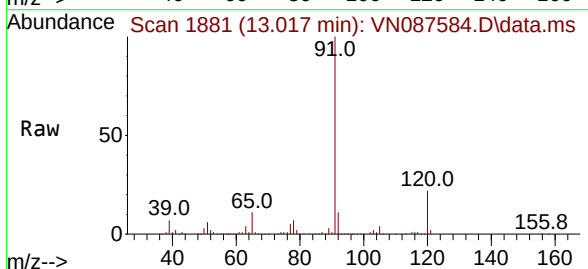
Manual Integrations
APPROVED

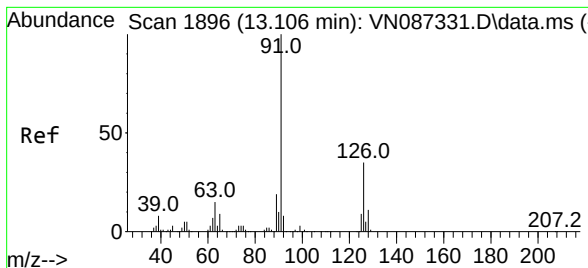
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#78
n-propylbenzene
Concen: 22.362 ug/l
RT: 13.017 min Scan# 1881
Delta R.T. 0.000 min
Lab File: VN087584.D
Acq: 15 Aug 2025 16:02

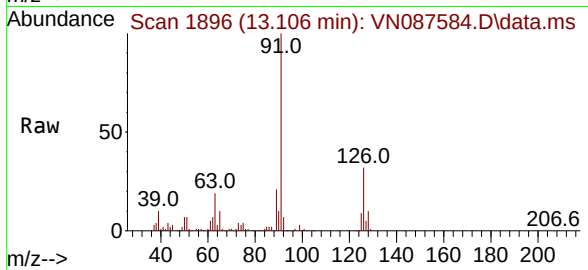
Tgt Ion: 91 Resp: 421612
Ion Ratio Lower Upper
91 100
120 21.4 11.3 33.8





#79
2-Chlorotoluene
Concen: 22.111 ug/l
RT: 13.106 min Scan# 1896
Delta R.T. -0.000 min
Lab File: VN087584.D
Acq: 15 Aug 2025 16:02

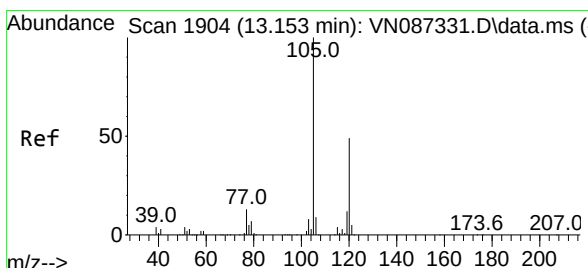
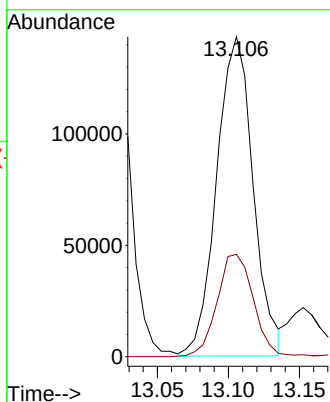
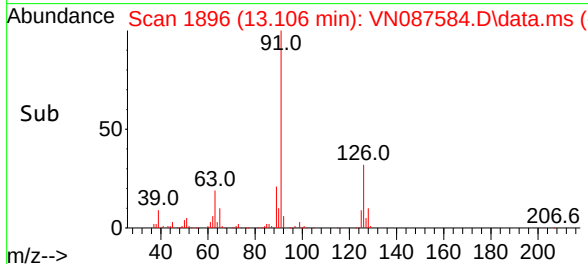
Instrument :
MSVOA_N
ClientSampleId :
VN0815MBS01



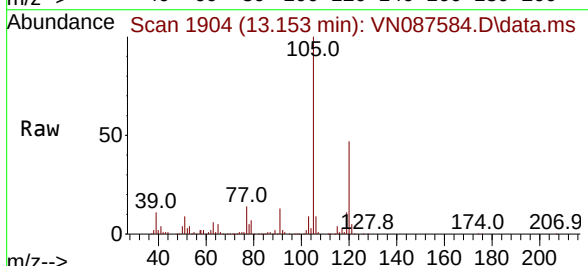
Tgt Ion: 91 Resp: 256199
Ion Ratio Lower Upper
91 100
126 32.0 16.9 50.6

Manual Integrations
APPROVED

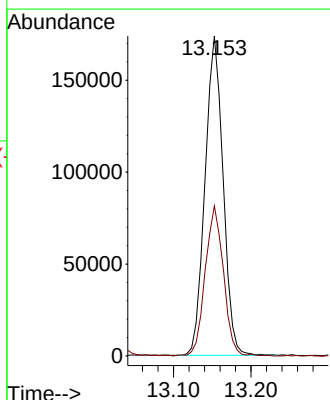
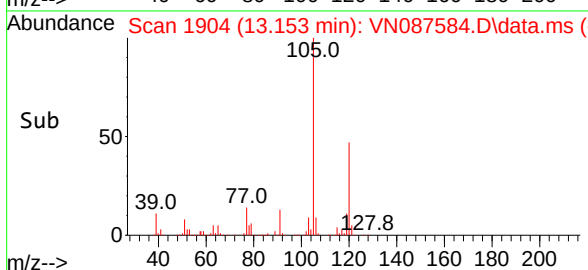
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

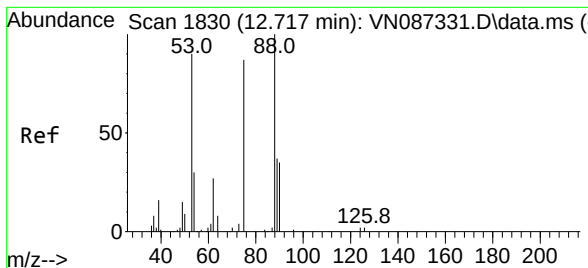


#80
1,3,5-Trimethylbenzene
Concen: 22.061 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VN087584.D
Acq: 15 Aug 2025 16:02



Tgt Ion:105 Resp: 281674
Ion Ratio Lower Upper
105 100
120 47.6 24.3 72.8





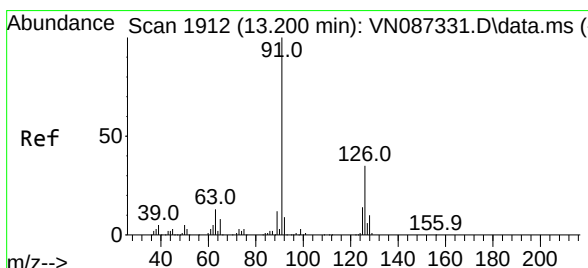
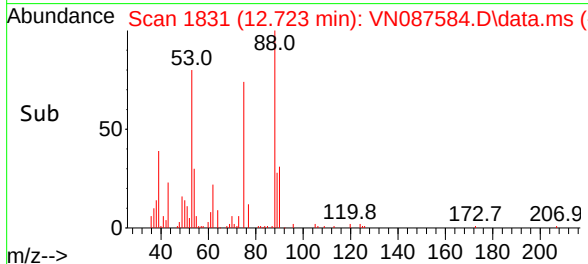
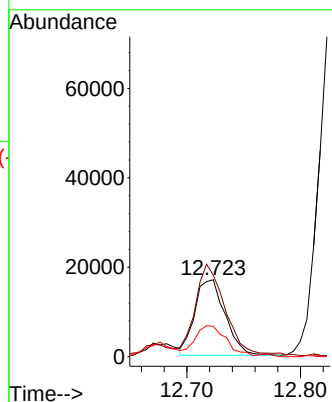
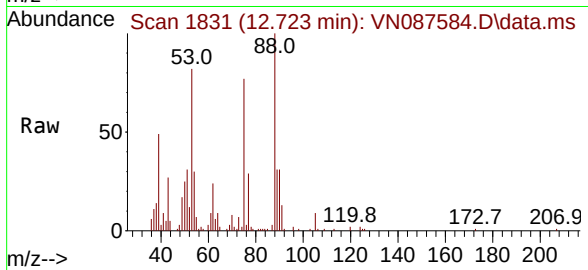
#81
trans-1,4-Dichloro-2-butene
Concen: 16.124 ug/l
RT: 12.723 min Scan# 1831
Delta R.T. 0.006 min
Lab File: VN087584.D
Acq: 15 Aug 2025 16:02

Instrument :
MSVOA_N
ClientSampleId :
VN0815MBS01

Tgt Ion: 75 Resp: 31462
Ion Ratio Lower Upper
75 100
53 122.2 83.5 125.3
89 38.8 38.4 57.6

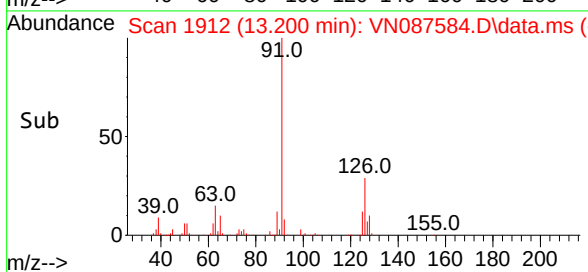
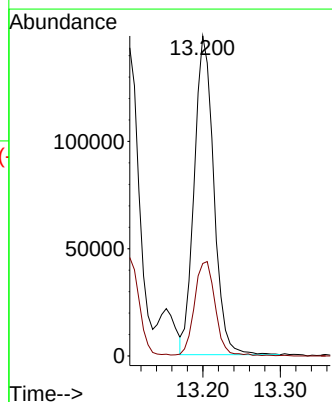
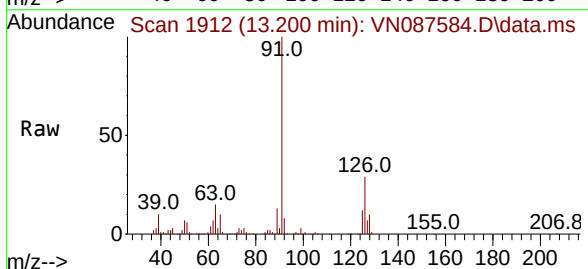
Manual Integrations
APPROVED

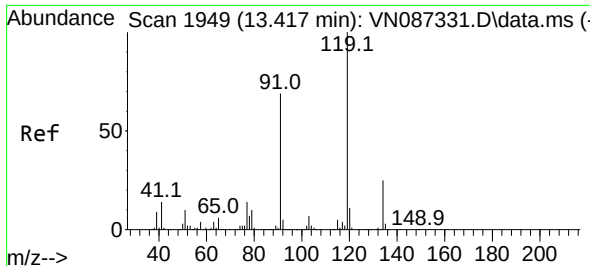
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#82
4-Chlorotoluene
Concen: 21.549 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VN087584.D
Acq: 15 Aug 2025 16:02

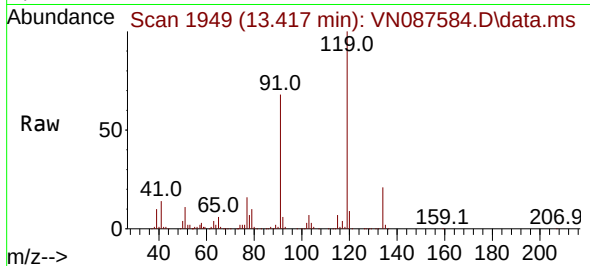
Tgt Ion: 91 Resp: 259966
Ion Ratio Lower Upper
91 100
126 31.4 16.6 49.7





#83
tert-Butylbenzene
Concen: 22.914 ug/l
RT: 13.417 min Scan# 1949
Delta R.T. -0.000 min
Lab File: VN087584.D
Acq: 15 Aug 2025 16:02

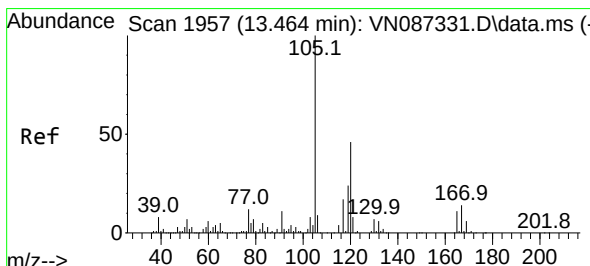
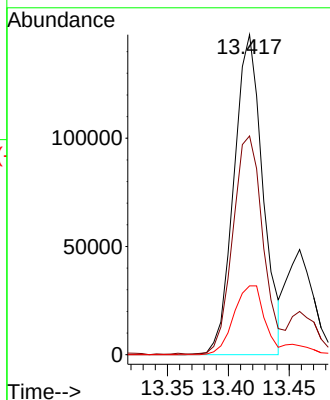
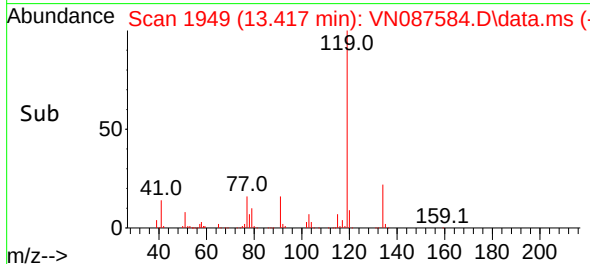
Instrument :
MSVOA_N
ClientSampleId :
VN0815MBS01



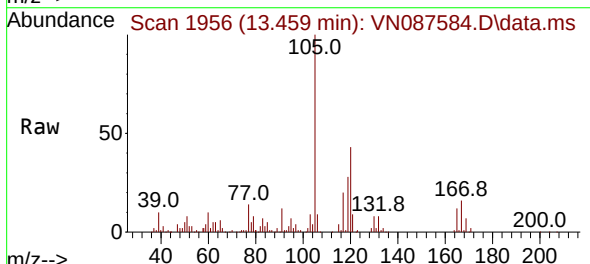
Tgt Ion:119 Resp: 24435
Ion Ratio Lower Upper
119 100
91 71.9 35.0 105.1
134 23.4 12.6 37.6

Manual Integrations
APPROVED

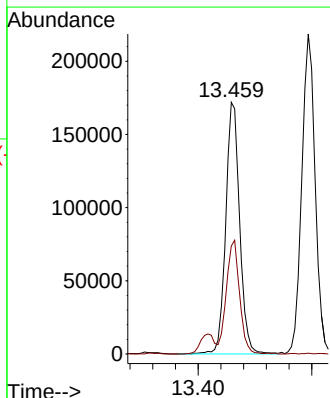
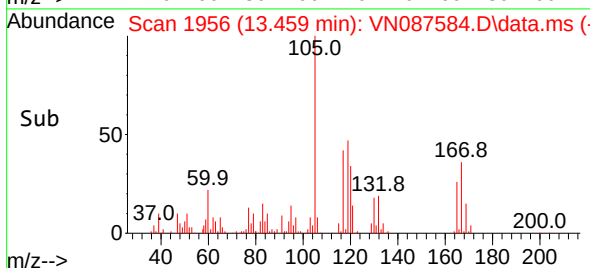
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

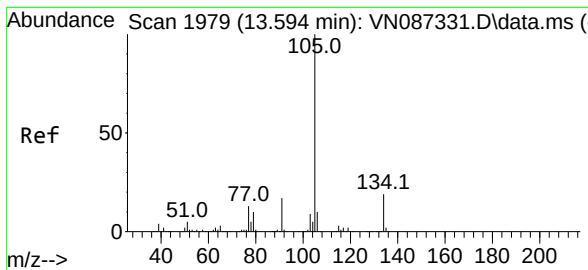


#84
1,2,4-Trimethylbenzene
Concen: 22.543 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. -0.006 min
Lab File: VN087584.D
Acq: 15 Aug 2025 16:02



Tgt Ion:105 Resp: 293923
Ion Ratio Lower Upper
105 100
120 42.3 22.8 68.3





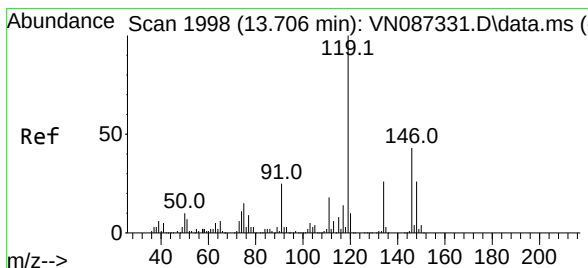
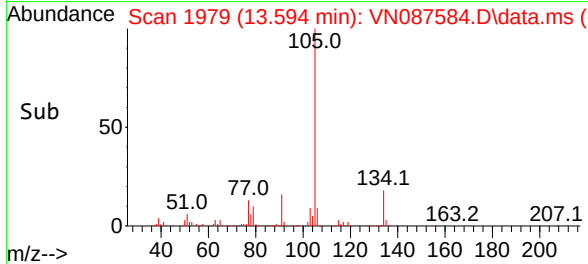
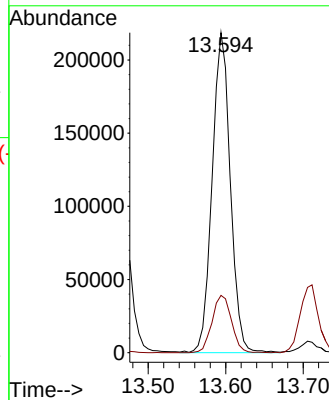
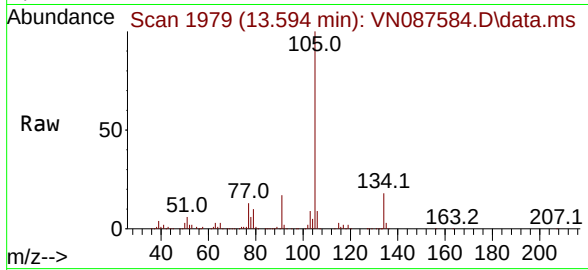
#85
 sec-Butylbenzene
 Concen: 22.270 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VN087584.D
 Acq: 15 Aug 2025 16:02

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0815MBS01

Tgt Ion:105 Resp: 357702
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.8 29.4

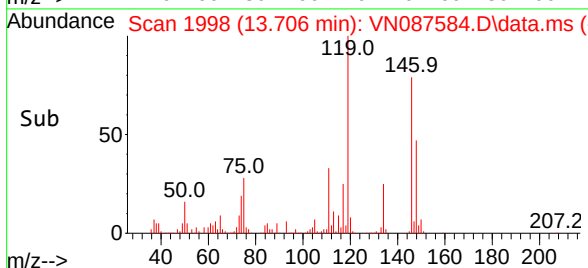
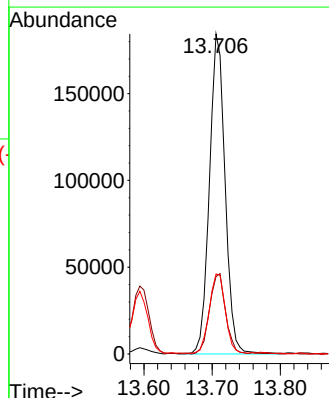
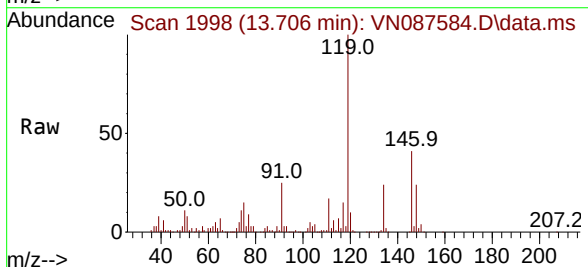
Manual Integrations
 APPROVED

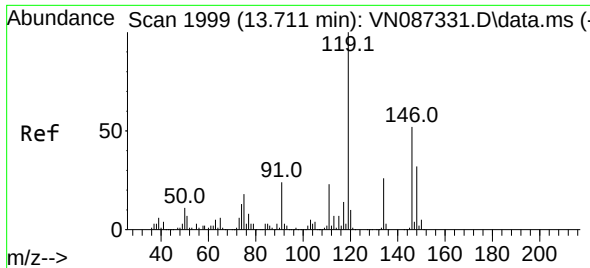
Reviewed By :John Carlone 08/18/2025
 Supervised By :Mahesh Dadoda 08/19/2025



#86
 p-Isopropyltoluene
 Concen: 22.945 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. -0.000 min
 Lab File: VN087584.D
 Acq: 15 Aug 2025 16:02

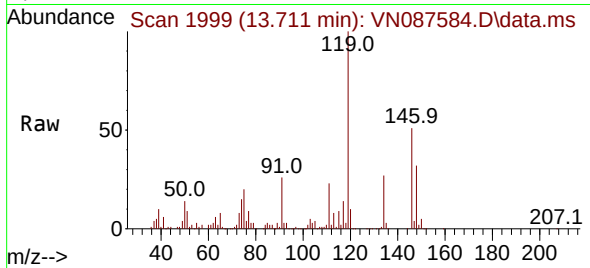
Tgt Ion:119 Resp: 295353
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.5 40.5
 91 25.2 12.2 36.6





#87
1,3-Dichlorobenzene
Concen: 20.421 ug/l
RT: 13.711 min Scan# 1999
Delta R.T. -0.000 min
Lab File: VN087584.D
Acq: 15 Aug 2025 16:02

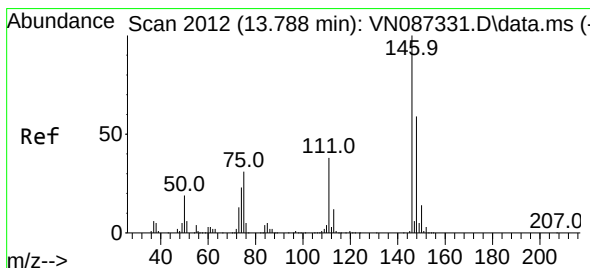
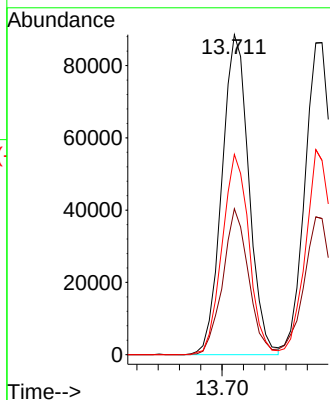
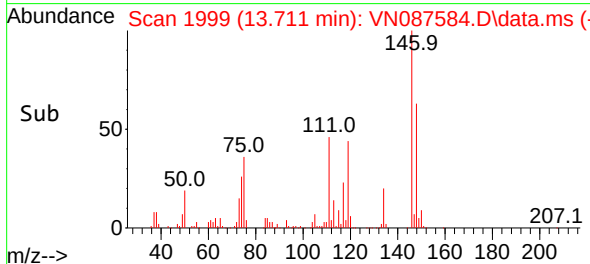
Instrument :
MSVOA_N
ClientSampleId :
VN0815MBS01



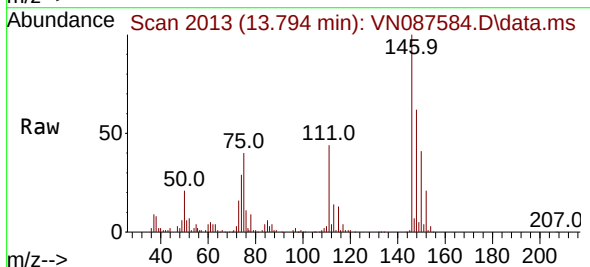
Tgt Ion:146 Resp: 155759
Ion Ratio Lower Upper
146 100
111 43.6 21.4 64.3
148 62.2 31.6 95.0

Manual Integrations
APPROVED

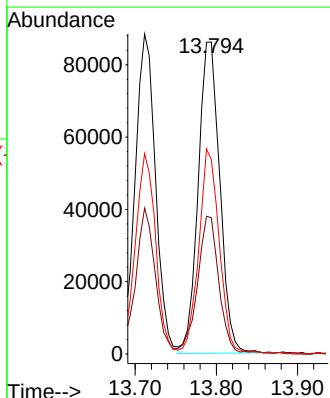
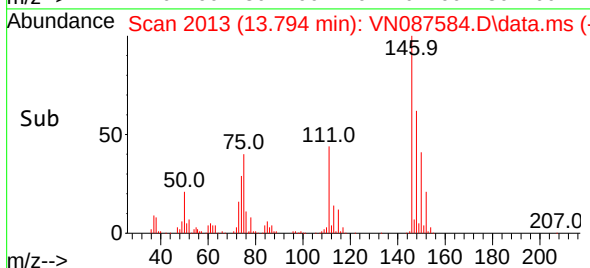
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

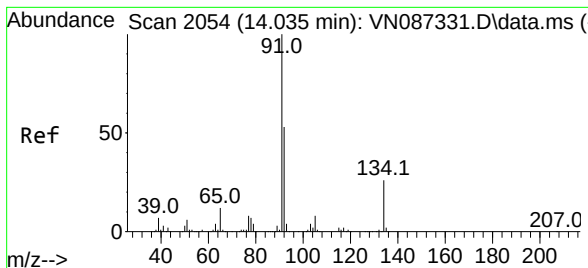


#88
1,4-Dichlorobenzene
Concen: 19.543 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.006 min
Lab File: VN087584.D
Acq: 15 Aug 2025 16:02



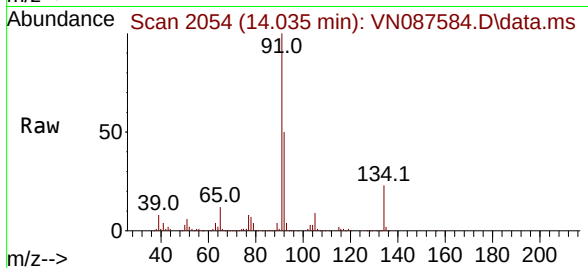
Tgt Ion:146 Resp: 159198
Ion Ratio Lower Upper
146 100
111 42.6 19.6 58.7
148 62.3 31.4 94.0





#89
n-Butylbenzene
Concen: 23.522 ug/l
RT: 14.035 min Scan# 2054
Delta R.T. -0.000 min
Lab File: VN087584.D
Acq: 15 Aug 2025 16:02

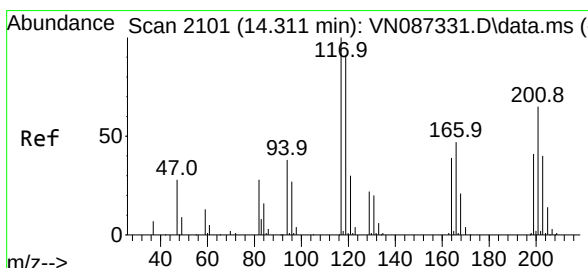
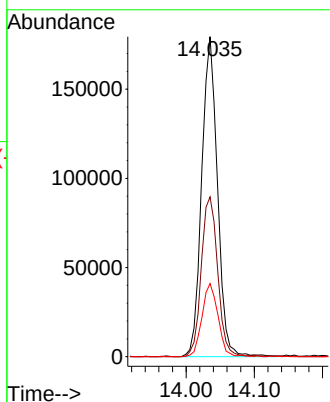
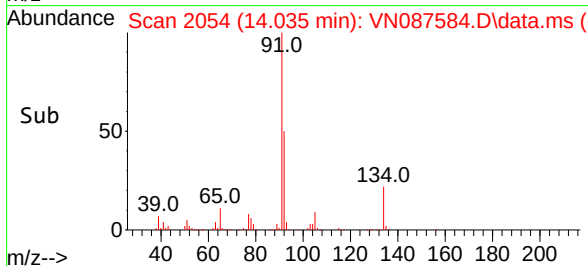
Instrument :
MSVOA_N
ClientSampleId :
VN0815MBS01



Tgt Ion: 91 Resp: 28911
Ion Ratio Lower Upper
91 100
92 51.8 26.2 78.6
134 23.0 12.4 37.2

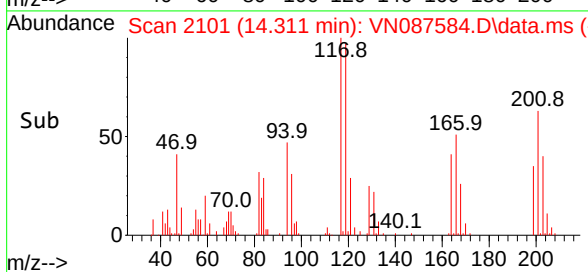
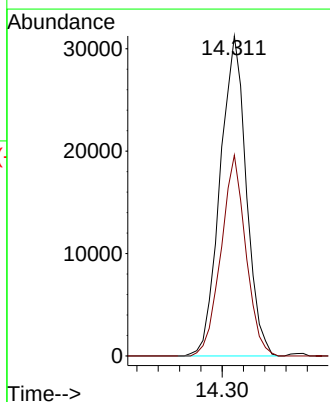
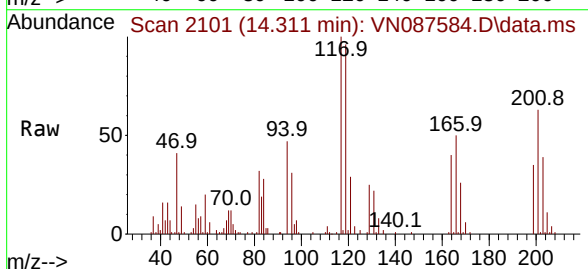
Manual Integrations
APPROVED

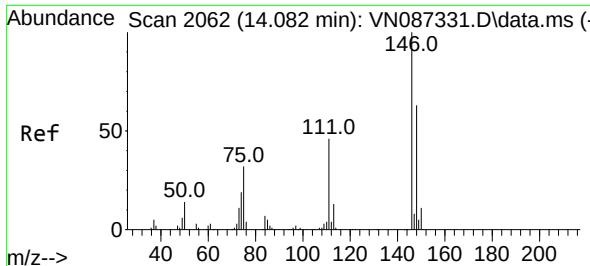
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#90
Hexachloroethane
Concen: 19.503 ug/l
RT: 14.311 min Scan# 2101
Delta R.T. 0.000 min
Lab File: VN087584.D
Acq: 15 Aug 2025 16:02

Tgt Ion:117 Resp: 53190
Ion Ratio Lower Upper
117 100
201 59.6 32.8 98.4





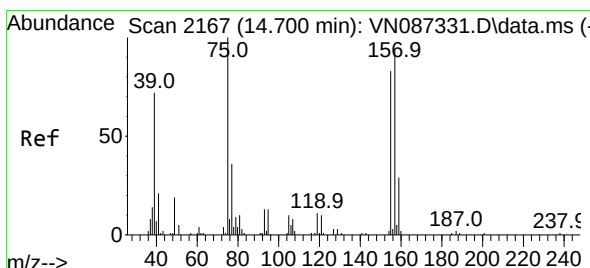
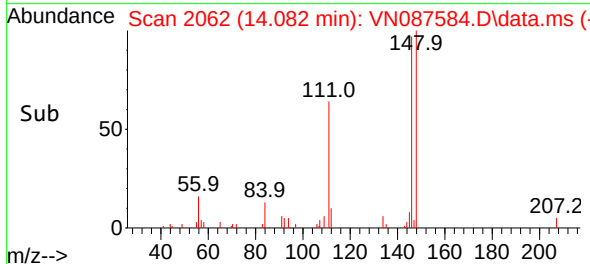
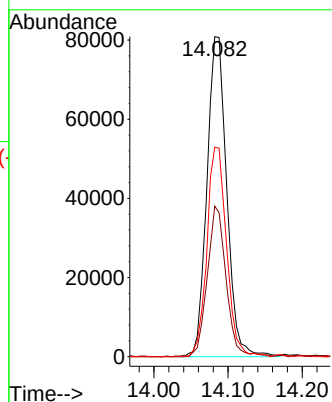
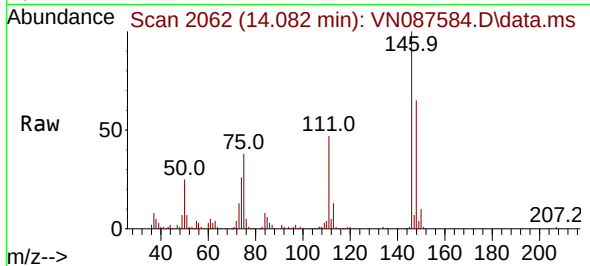
#91
1,2-Dichlorobenzene
Concen: 20.794 ug/l
RT: 14.082 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VN087584.D
Acq: 15 Aug 2025 16:02

Instrument :
MSVOA_N
ClientSampleId :
VN0815MBS01

Tgt Ion:146 Resp: 150250
Ion Ratio Lower Upper
146 100
111 44.7 22.0 66.0
148 64.8 32.7 98.1

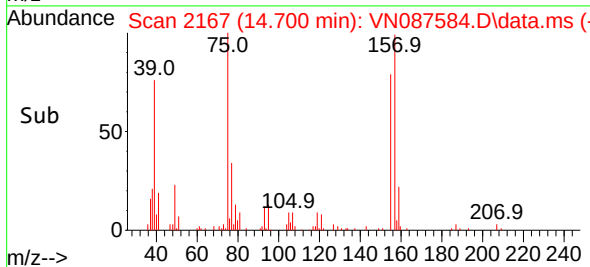
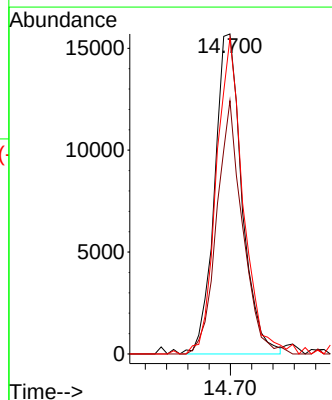
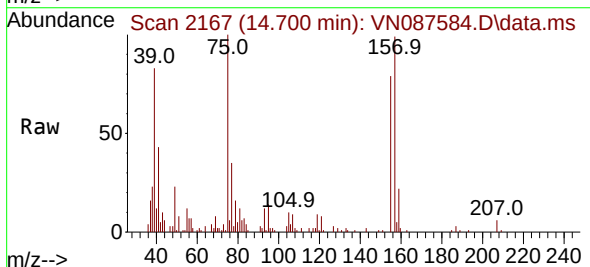
Manual Integrations
APPROVED

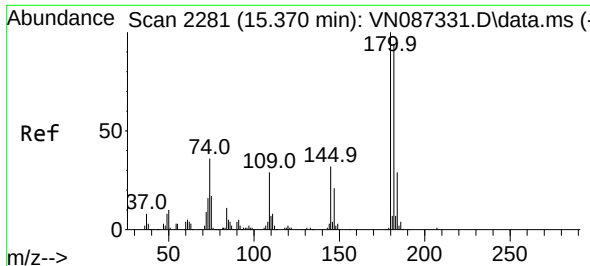
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.913 ug/l
RT: 14.700 min Scan# 2167
Delta R.T. -0.000 min
Lab File: VN087584.D
Acq: 15 Aug 2025 16:02

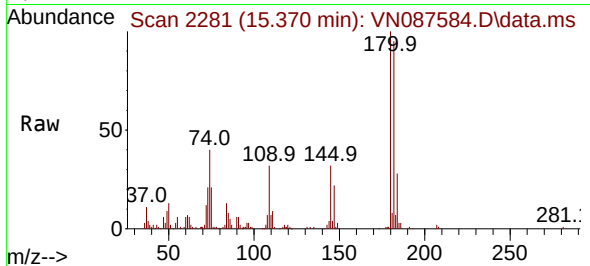
Tgt Ion: 75 Resp: 27999
Ion Ratio Lower Upper
75 100
155 74.6 37.3 111.8
157 97.5 46.2 138.6





#93
1,2,4-Trichlorobenzene
Concen: 21.240 ug/l
RT: 15.370 min Scan# 2128
Delta R.T. -0.000 min
Lab File: VN087584.D
Acq: 15 Aug 2025 16:02

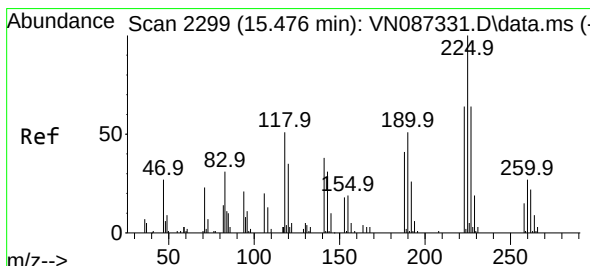
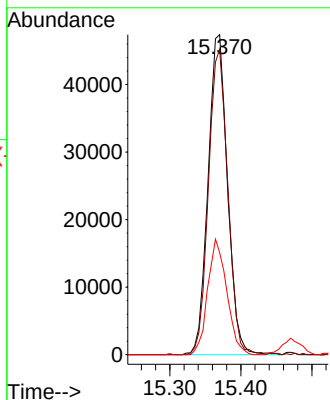
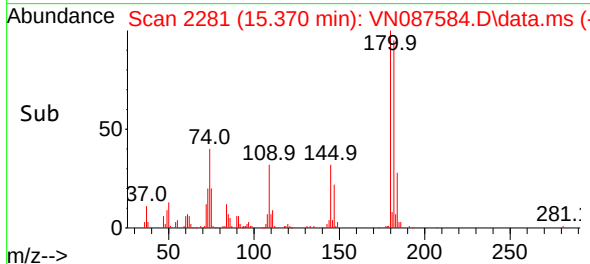
Instrument :
MSVOA_N
ClientSampleId :
VN0815MBS01



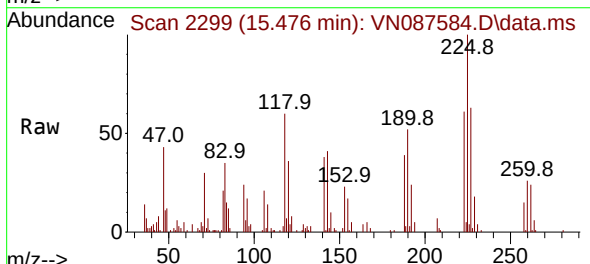
Tgt Ion:180 Resp: 90154
Ion Ratio Lower Upper
180 100
182 94.5 47.3 141.8
145 35.4 15.4 46.4

Manual Integrations
APPROVED

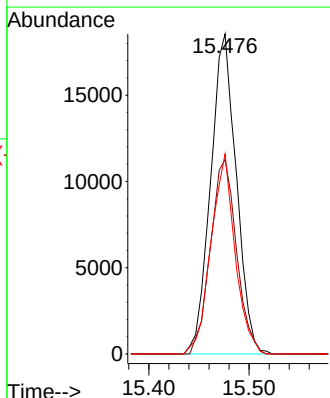
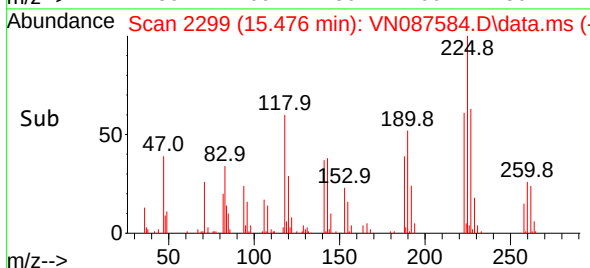
Reviewed By :John Carlone 08/18/2025
Supervised By :Mahesh Dadoda 08/19/2025

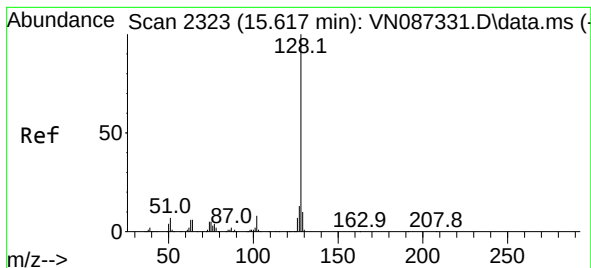


#94
Hexachlorobutadiene
Concen: 20.953 ug/l
RT: 15.476 min Scan# 2299
Delta R.T. -0.000 min
Lab File: VN087584.D
Acq: 15 Aug 2025 16:02



Tgt Ion:225 Resp: 33046
Ion Ratio Lower Upper
225 100
223 61.6 32.1 96.3
227 58.6 31.3 93.9





#95

Naphthalene

Concen: 22.533 ug/l

RT: 15.611 min Scan# 2323

Delta R.T. -0.006 min

Lab File: VN087584.D

Acq: 15 Aug 2025 16:02

Instrument :

MSVOA_N

ClientSampleId :

VN0815MBS01

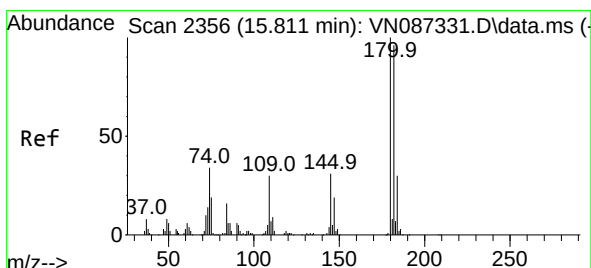
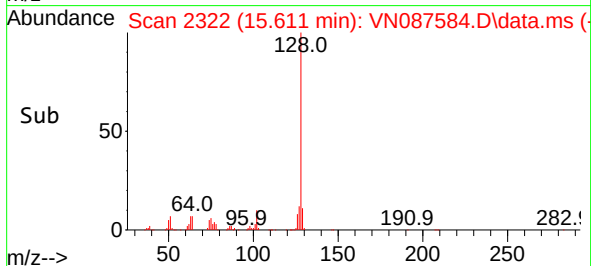
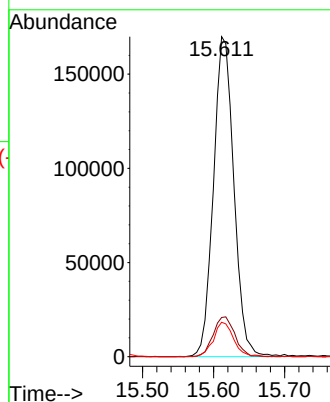
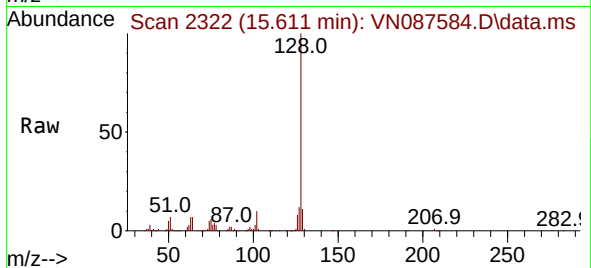
Tgt Ion:	128	Resp:	338810
Ion Ratio	Lower	Upper	
128	100		
127	13.3	10.5	15.7
129	10.7	8.4	12.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2025

Supervised By :Mahesh Dadoda 08/19/2025



#96

1,2,3-Trichlorobenzene

Concen: 20.738 ug/l

RT: 15.811 min Scan# 2356

Delta R.T. 0.000 min

Lab File: VN087584.D

Acq: 15 Aug 2025 16:02

Tgt Ion:	180	Resp:	88296
Ion Ratio	Lower	Upper	
180	100		
182	92.6	47.1	141.4
145	34.3	16.9	50.6

