

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081325\
 Data File : VN087530.D
 Acq On : 13 Aug 2025 13:23
 Operator : JC\MD
 Sample : VN0813WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0813WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/14/2025
 Supervised By : Mahesh Dadoda 08/18/2025

Quant Time: Aug 14 03:58:55 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	266779	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	512412	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	464252	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.771	152	233575	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	253037	55.899	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 111.800%			
35) Dibromofluoromethane	8.153	113	172807	48.890	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.780%			
50) Toluene-d8	10.547	98	614481	48.736	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.480%			
62) 4-Bromofluorobenzene	12.829	95	240746	51.682	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 103.360%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	65074	22.966	ug/l	97
3) Chloromethane	2.383	50	62456	17.528	ug/l	100
4) Vinyl Chloride	2.542	62	69089	19.511	ug/l	97
5) Bromomethane	2.983	94	34112	18.602	ug/l	93
6) Chloroethane	3.136	64	47465	20.554	ug/l	96
7) Trichlorofluoromethane	3.506	101	105763	20.198	ug/l	97
8) Diethyl Ether	3.959	74	43436	21.385	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.371	101	58966	21.937	ug/l	95
10) Methyl Iodide	4.577	142	29096	14.968	ug/l	91
11) Tert butyl alcohol	5.524	59	97149	113.027	ug/l	96
12) 1,1-Dichloroethene	4.336	96	57633	18.921	ug/l	96
13) Acrolein	4.183	56	69159	100.262	ug/l	94
14) Allyl chloride	5.012	41	106838	19.381	ug/l	94
15) Acrylonitrile	5.712	53	235001	100.755	ug/l	98
16) Acetone	4.424	43	239432	112.811	ug/l	97
17) Carbon Disulfide	4.700	76	160063	17.725	ug/l	98
18) Methyl Acetate	5.024	43	124016	23.257	ug/l	100
19) Methyl tert-butyl Ether	5.795	73	249165	22.193	ug/l	94
20) Methylene Chloride	5.265	84	72230	19.744	ug/l	93
21) trans-1,2-Dichloroethene	5.771	96	64985	18.921	ug/l	95
22) Diisopropyl ether	6.665	45	250212	21.639	ug/l	94
23) Vinyl Acetate	6.595	43	1065966	105.407	ug/l	100
24) 1,1-Dichloroethane	6.553	63	130584	19.575	ug/l	98
25) 2-Butanone	7.477	43	355122	108.290	ug/l	97
26) 2,2-Dichloropropane	7.471	77	112245	21.642	ug/l	100
27) cis-1,2-Dichloroethene	7.477	96	78062	19.742	ug/l	94
28) Bromochloromethane	7.800	49	82704	25.905	ug/l	89
29) Tetrahydrofuran	7.830	42	222641	104.509	ug/l	100
30) Chloroform	7.953	83	139708	20.923	ug/l	96
31) Cyclohexane	8.241	56	116493	20.933	ug/l	96
32) 1,1,1-Trichloroethane	8.153	97	116674	20.175	ug/l	94
36) 1,1-Dichloropropene	8.353	75	90656	19.413	ug/l	99
37) Ethyl Acetate	7.547	43	138345	20.513	ug/l	97
38) Carbon Tetrachloride	8.347	117	93676	18.210	ug/l	100
39) Methylcyclohexane	9.583	83	106012	20.968	ug/l	97
40) Benzene	8.588	78	284664	18.861	ug/l	92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.765	41	71206	20.192	ug/l	94
42) 1,2-Dichloroethane	8.653	62	117819	20.585	ug/l	99
43) Isopropyl Acetate	8.677	43	218724	20.891	ug/l	97
44) Trichloroethene	9.335	130	61840	17.340	ug/l	90
45) 1,2-Dichloropropane	9.606	63	73314	19.117	ug/l	96
46) Dibromomethane	9.694	93	54955	19.139	ug/l	95
47) Bromodichloromethane	9.871	83	110549	19.114	ug/l	100
48) Methyl methacrylate	9.665	41	103250	21.906	ug/l	91
49) 1,4-Dioxane	9.683	88	30707	425.370	ug/l #	98
51) 4-Methyl-2-Pentanone	10.430	43	677508	102.315	ug/l	97
52) Toluene	10.612	92	174579	19.030	ug/l	93
53) t-1,3-Dichloropropene	10.818	75	114738	19.602	ug/l	97
54) cis-1,3-Dichloropropene	10.294	75	120668	19.958	ug/l #	88
55) 1,1,2-Trichloroethane	10.994	97	71031	19.125	ug/l #	91
56) Ethyl methacrylate	10.859	69	119790	19.958	ug/l #	93
57) 1,3-Dichloropropane	11.147	76	125761	19.584	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.141	63	341037	111.937	ug/l	100
59) 2-Hexanone	11.182	43	434848	98.981	ug/l	99
60) Dibromochloromethane	11.335	129	79483	18.765	ug/l	98
61) 1,2-Dibromoethane	11.453	107	75658	19.374	ug/l	95
64) Tetrachloroethene	11.082	164	49705	16.635	ug/l	95
65) Chlorobenzene	11.871	112	185394	17.787	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.941	131	66848	18.862	ug/l	96
67) Ethyl Benzene	11.941	91	335652	19.562	ug/l	97
68) m/p-Xylenes	12.053	106	248384	38.658	ug/l	93
69) o-Xylene	12.376	106	120524	19.637	ug/l	94
70) Styrene	12.394	104	204820	19.838	ug/l	98
71) Bromoform	12.559	173	50837	17.755	ug/l #	98
73) Isopropylbenzene	12.676	105	316020	21.497	ug/l	96
74) N-amyl acetate	12.541	43	115395m	18.893	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.918	83	114486	20.697	ug/l	98
76) 1,2,3-Trichloropropane	12.971	75	102194m	19.511	ug/l	
77) Bromobenzene	12.965	156	72862	19.111	ug/l	93
78) n-propylbenzene	13.018	91	397991	21.518	ug/l	97
79) 2-Chlorotoluene	13.106	91	233909	20.578	ug/l	94
80) 1,3,5-Trimethylbenzene	13.153	105	271593	21.683	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.718	75	32118	16.778	ug/l	93
82) 4-Chlorotoluene	13.200	91	243438	20.570	ug/l	97
83) tert-Butylbenzene	13.418	119	227761	21.772	ug/l	99
84) 1,2,4-Trimethylbenzene	13.459	105	274928	21.494	ug/l	95
85) sec-Butylbenzene	13.594	105	346841	22.011	ug/l	98
86) p-Isopropyltoluene	13.712	119	279271	22.115	ug/l	98
87) 1,3-Dichlorobenzene	13.712	146	141081	18.855	ug/l	97
88) 1,4-Dichlorobenzene	13.794	146	149500	18.707	ug/l	97
89) n-Butylbenzene	14.035	91	283005	23.470	ug/l	99
90) Hexachloroethane	14.312	117	51791	19.357	ug/l	91
91) 1,2-Dichlorobenzene	14.088	146	139847	19.728	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.700	75	28181	19.404	ug/l	95
93) 1,2,4-Trichlorobenzene	15.370	180	87149	20.929	ug/l	97
94) Hexachlorobutadiene	15.476	225	33877	21.896	ug/l	97
95) Naphthalene	15.617	128	307032	20.814	ug/l	100
96) 1,2,3-Trichlorobenzene	15.817	180	81621	19.541	ug/l	99

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ClientSampleId :
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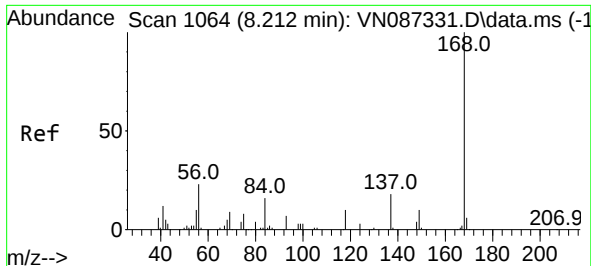
Manual Integrations
APPROVED

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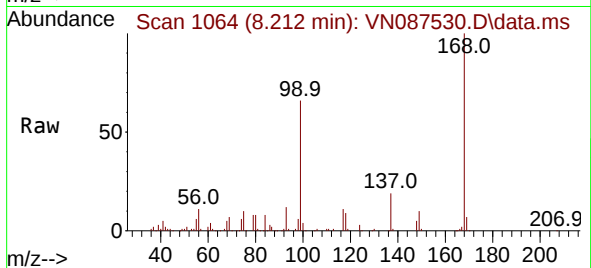
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.212 min Scan# 1064
Delta R.T. 0.000 min
Lab File: VN087530.D
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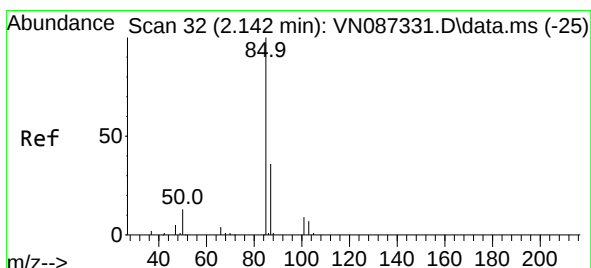
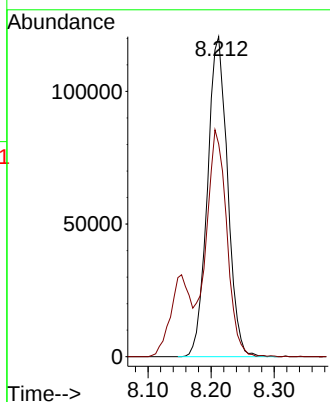
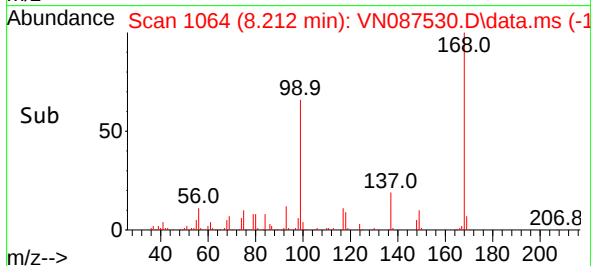
Instrument :
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Tgt Ion:168 Resp: 266779
Ion Ratio Lower Upper
168 100
99 66.5 47.9 71.9

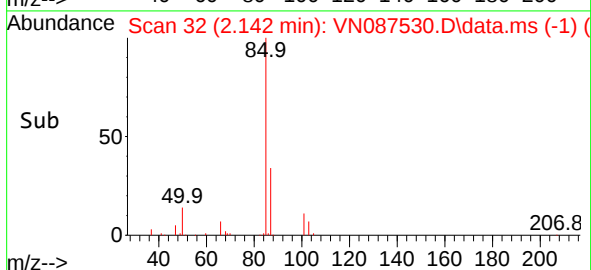
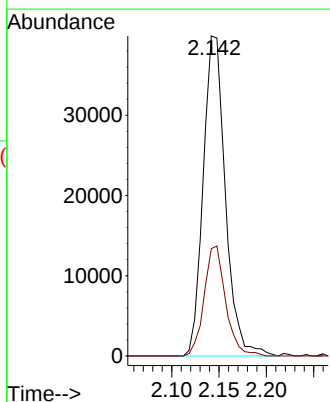
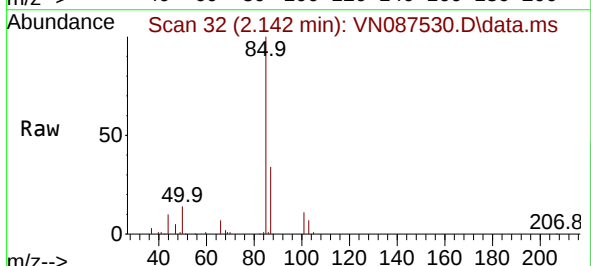
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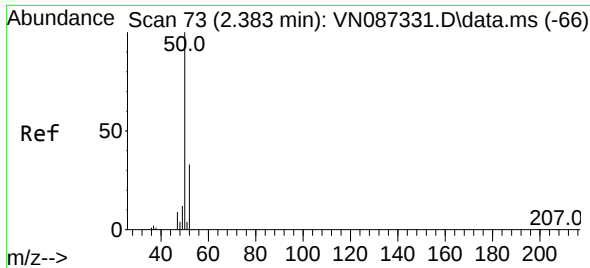
Reviewed By :John Carlone 08/14/2025
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#2
Dichlorodifluoromethane
Concen: 22.966 ug/l
RT: 2.142 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN087530.D
Acq: 13 Aug 2025 13:23

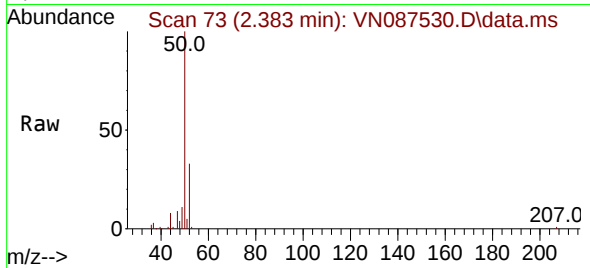
Tgt Ion: 85 Resp: 65074
Ion Ratio Lower Upper
85 100
87 33.6 17.8 53.3





#3
Chloromethane
Concen: 17.528 ug/l
RT: 2.383 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN087530.D
Acq: 13 Aug 2025 13:23

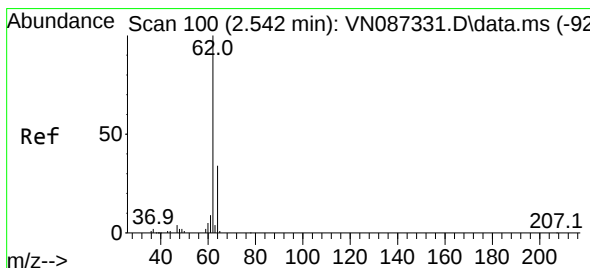
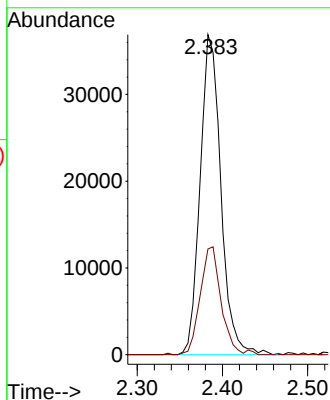
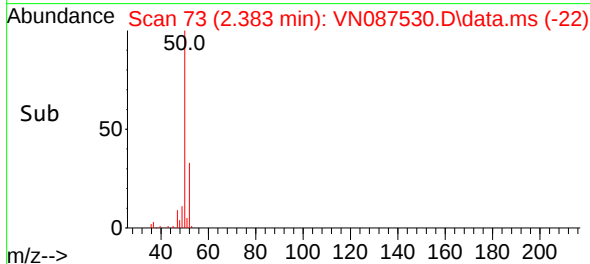
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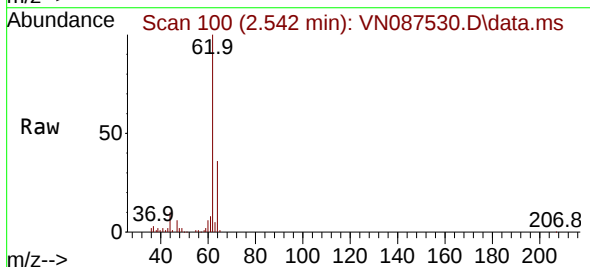
Tgt Ion: 50 Resp: 62450
Ion Ratio Lower Upper
50 100
52 33.0 26.3 39.5

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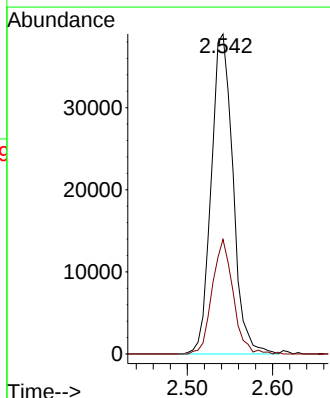
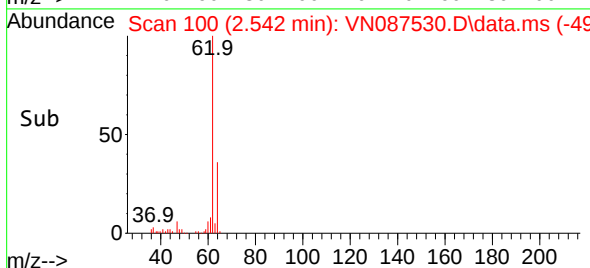
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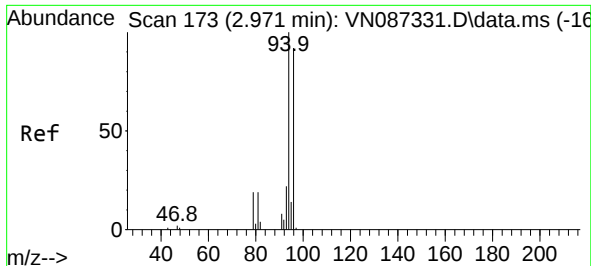


#4
Vinyl Chloride
Concen: 19.511 ug/l
RT: 2.542 min Scan# 100
Delta R.T. 0.000 min
Lab File: VN087530.D
Acq: 13 Aug 2025 13:23



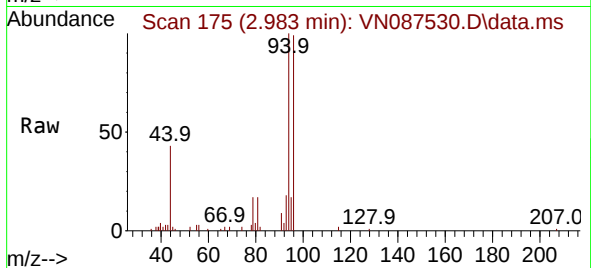
Tgt Ion: 62 Resp: 69089
Ion Ratio Lower Upper
62 100
64 35.8 27.0 40.6





#5
Bromomethane
Concen: 18.602 ug/l
RT: 2.983 min Scan# 1
Delta R.T. 0.012 min
Lab File: VN087530.D
Acq: 13 Aug 2025 13:23

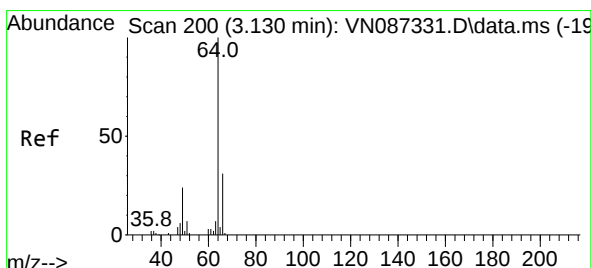
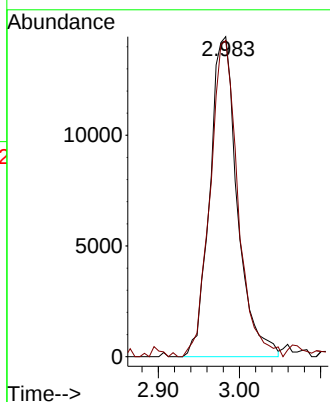
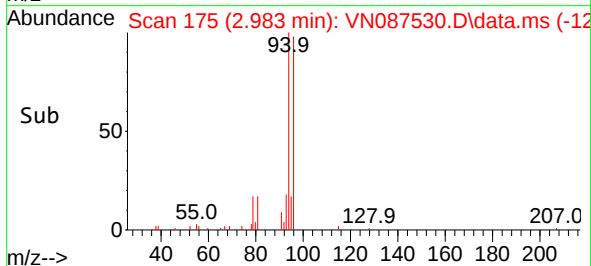
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Tgt Ion: 94 Resp: 3411
Ion Ratio Lower Upper
94 100
96 98.8 73.4 110.2

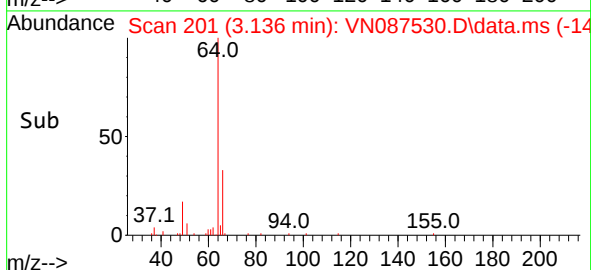
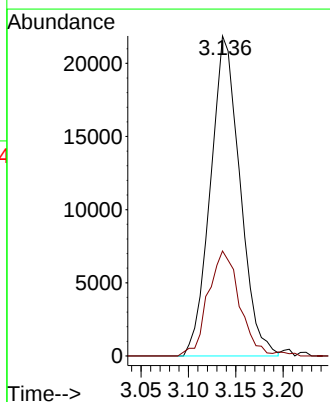
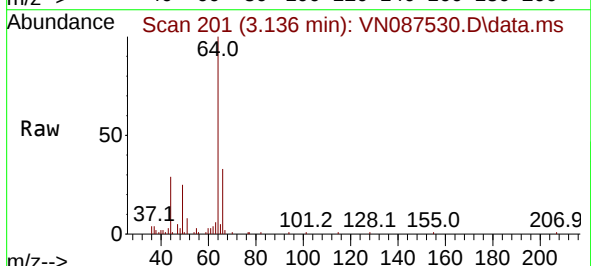
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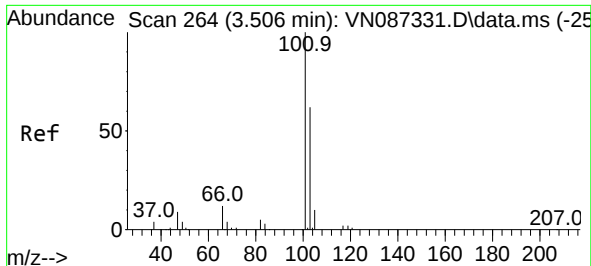
Reviewed By :John Carlone 08/14/2025
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#6
Chloroethane
Concen: 20.554 ug/l
RT: 3.136 min Scan# 201
Delta R.T. 0.006 min
Lab File: VN087530.D
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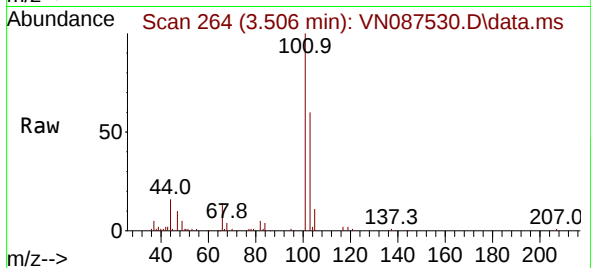
Tgt Ion: 64 Resp: 47465
Ion Ratio Lower Upper
64 100
66 32.8 24.6 36.8





#7
 Trichlorofluoromethane
 Concen: 20.198 ug/l
 RT: 3.506 min Scan# 201
 Delta R.T. 0.000 min
 Lab File: VN087530.D
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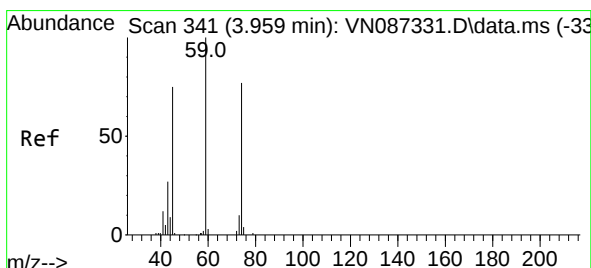
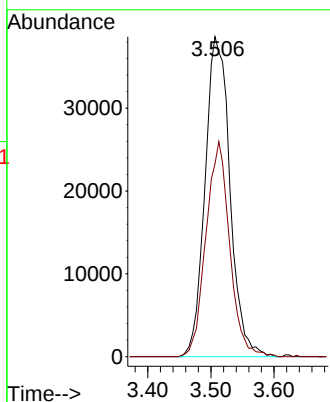
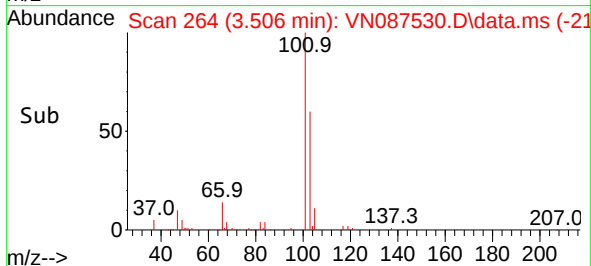
Instrument :
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Tgt Ion:101 Resp: 10576
 Ion Ratio Lower Upper
 101 100
 103 60.2 49.8 74.6

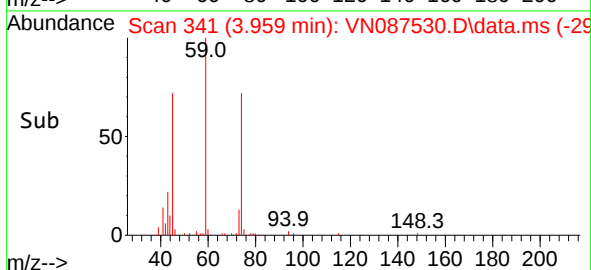
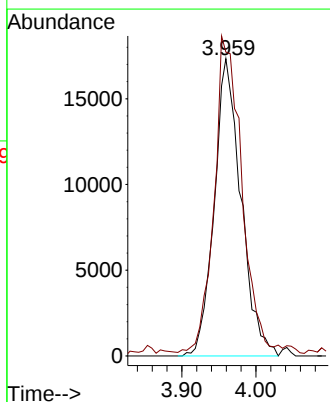
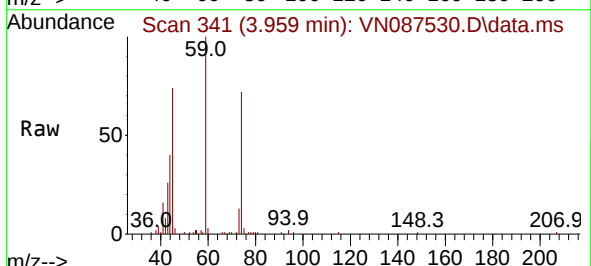
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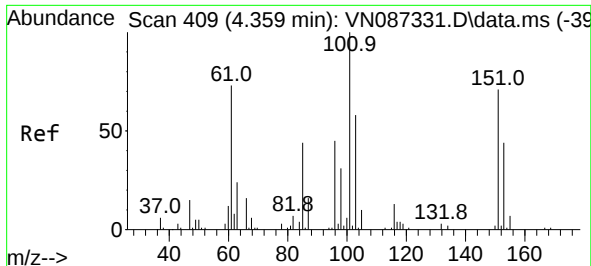
Reviewed By :John Carlone 08/14/2025
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#8
 Diethyl Ether
 Concen: 21.385 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 43436
 Ion Ratio Lower Upper
 74 100
 45 108.4 50.8 152.5





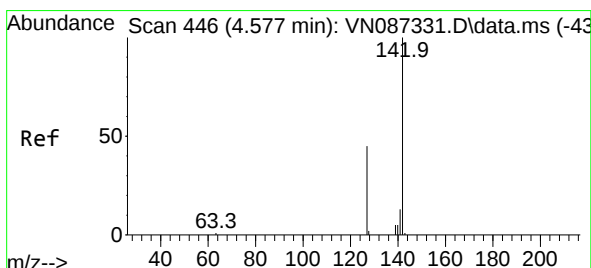
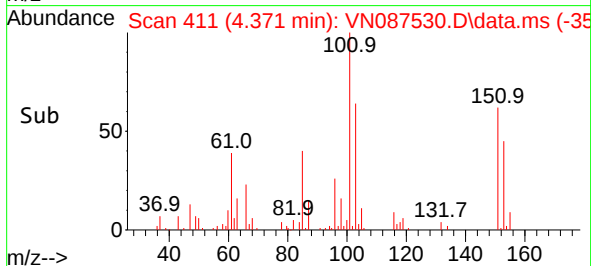
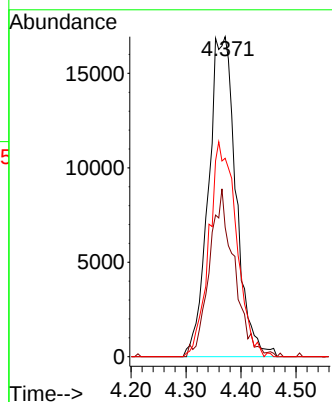
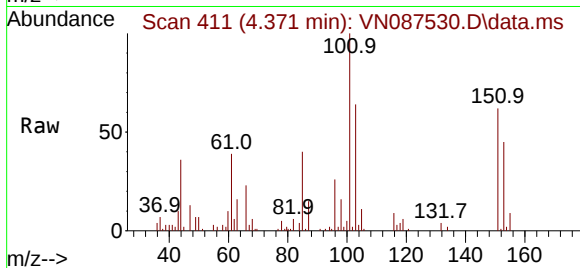
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.937 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.012 min
Lab File: VN087530.D
Acq: 13 Aug 2025 13:23

Instrument :
MSVOA_N
ClientSampleId :
VN0813WBSD01

Tgt Ion:101 Resp: 5896
Ion Ratio Lower Upper
101 100
85 47.7 37.3 55.9
151 67.1 58.9 88.3

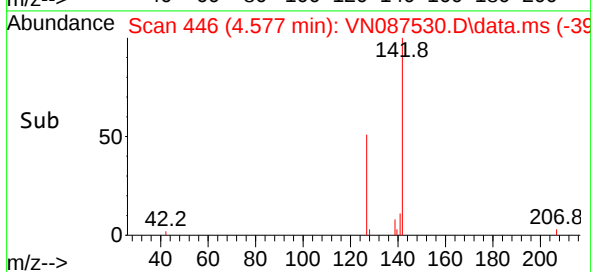
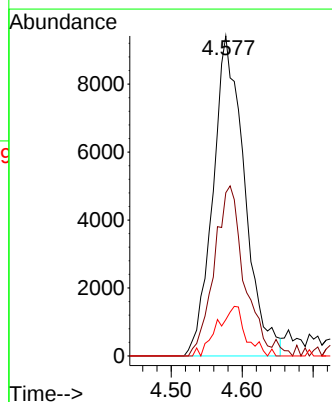
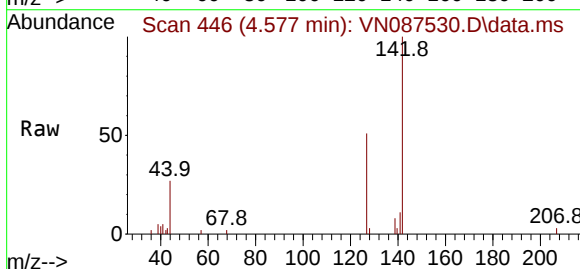
Manual Integrations
APPROVED

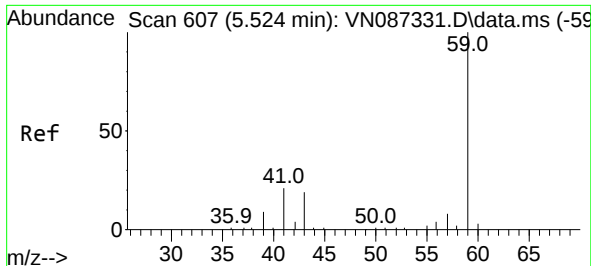
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#10
Methyl Iodide
Concen: 14.968 ug/l
RT: 4.577 min Scan# 446
Delta R.T. -0.000 min
Lab File: VN087530.D
Acq: 13 Aug 2025 13:23

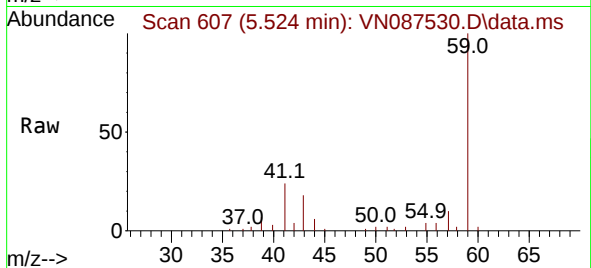
Tgt Ion:142 Resp: 29096
Ion Ratio Lower Upper
142 100
127 51.0 35.7 53.5
141 11.4 10.4 15.6





#11
Tert butyl alcohol
Concen: 113.027 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.000 min
Lab File: VN087530.D
Acq: 13 Aug 2025 13:23

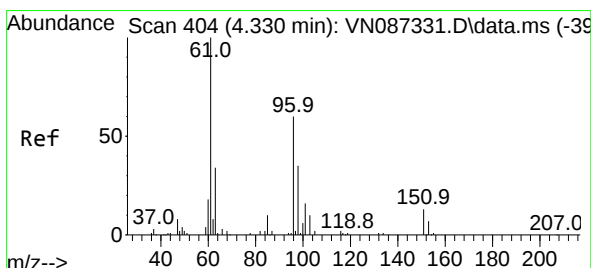
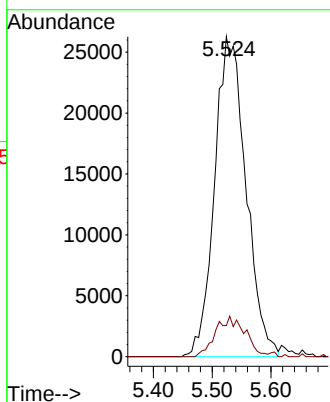
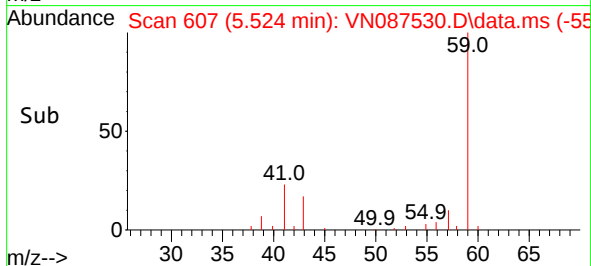
Instrument :
MSVOA_N
ClientSampleId :
VN0813WBSD01



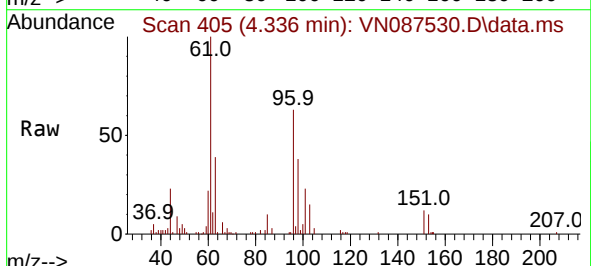
Tgt Ion: 59 Resp: 97149
Ion Ratio Lower Upper
59 100
57 11.9 8.3 12.5

Manual Integrations
APPROVED

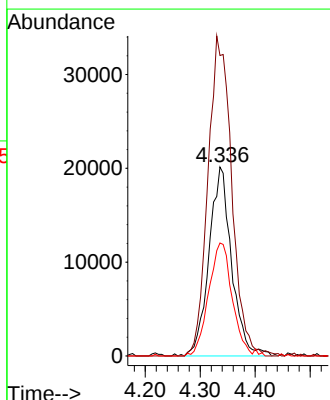
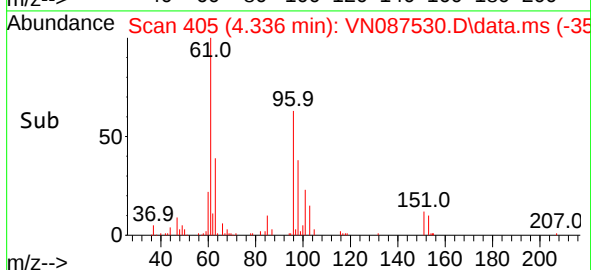
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

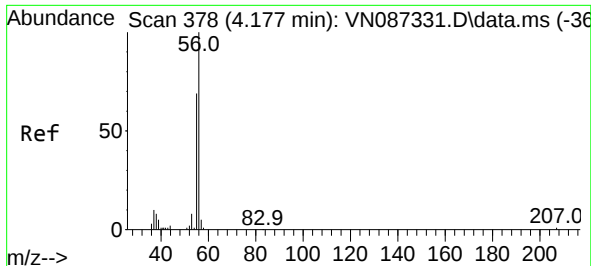


#12
1,1-Dichloroethene
Concen: 18.921 ug/l
RT: 4.336 min Scan# 405
Delta R.T. 0.006 min
Lab File: VN087530.D
Acq: 13 Aug 2025 13:23



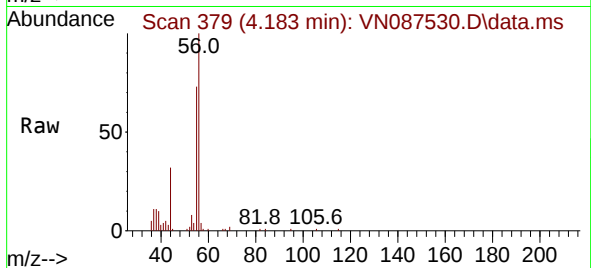
Tgt Ion: 96 Resp: 57633
Ion Ratio Lower Upper
96 100
61 158.9 132.3 198.5
98 59.8 46.8 70.2





#13
Acrolein
Concen: 100.262 ug/l
RT: 4.183 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN087530.D
Acq: 13 Aug 2025 13:23

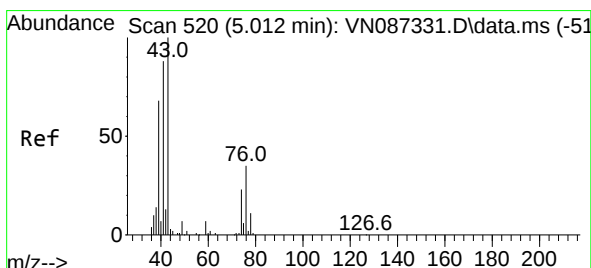
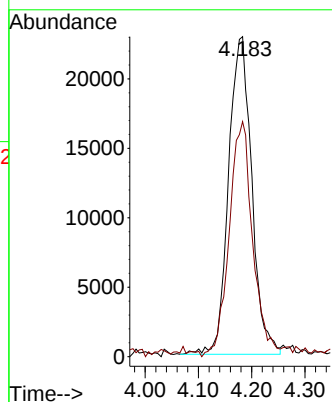
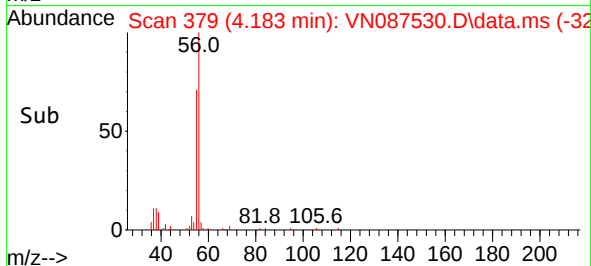
Instrument :
MSVOA_N
ClientSampleId :
VN0813WBSD01



Tgt Ion: 56 Resp: 69159
Ion Ratio Lower Upper
56 100
55 75.2 56.2 84.4

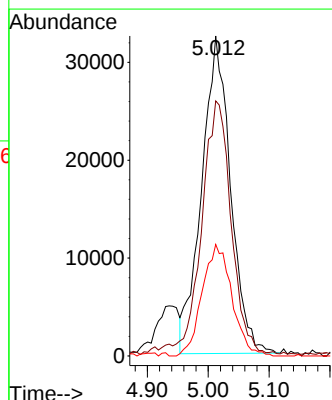
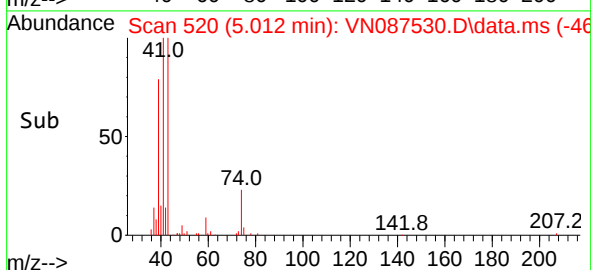
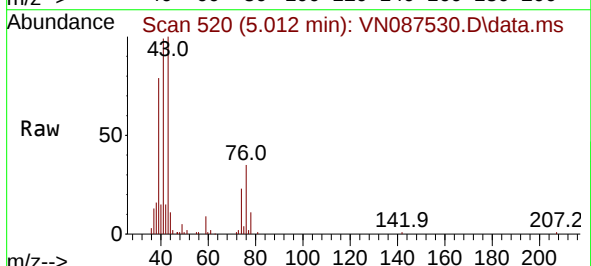
Manual Integrations
APPROVED

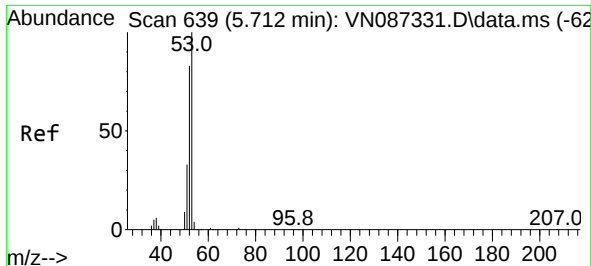
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#14
Allyl chloride
Concen: 19.381 ug/l
RT: 5.012 min Scan# 520
Delta R.T. 0.000 min
Lab File: VN087530.D
Acq: 13 Aug 2025 13:23

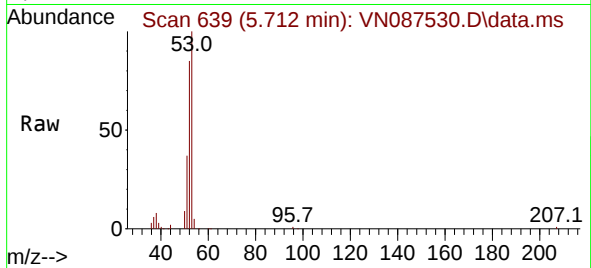
Tgt Ion: 41 Resp: 106838
Ion Ratio Lower Upper
41 100
39 81.4 59.0 88.6
76 36.1 28.7 43.1





#15
Acrylonitrile
Concen: 100.755 ug/l
RT: 5.712 min Scan# 611
Delta R.T. 0.000 min
Lab File: VN087530.D
Acq: 13 Aug 2025 13:23

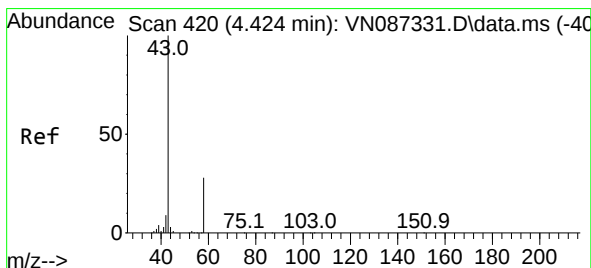
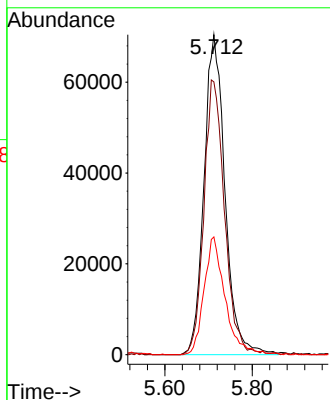
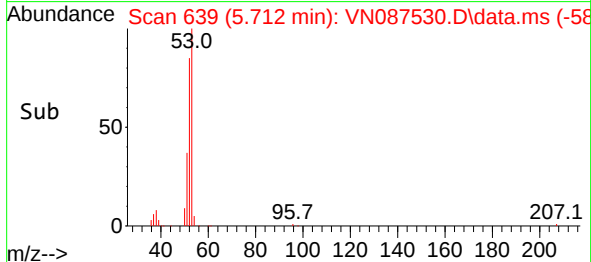
Instrument :
MSVOA_N
ClientSampleId :
VN0813WBSD01



Tgt Ion: 53 Resp: 23500
Ion Ratio Lower Upper
53 100
52 84.4 65.5 98.3
51 36.8 28.7 43.1

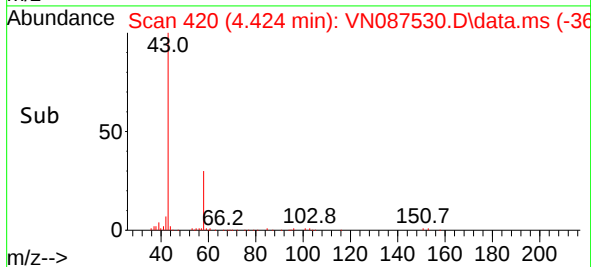
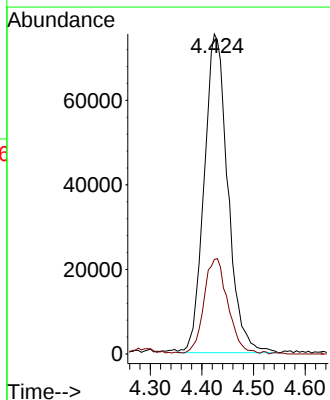
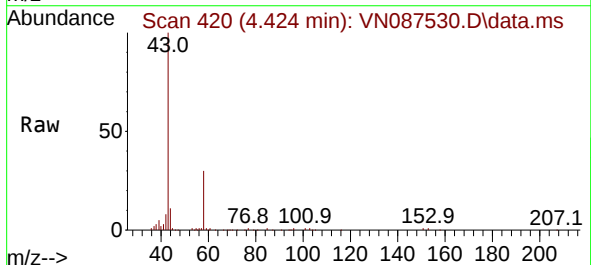
Manual Integrations
APPROVED

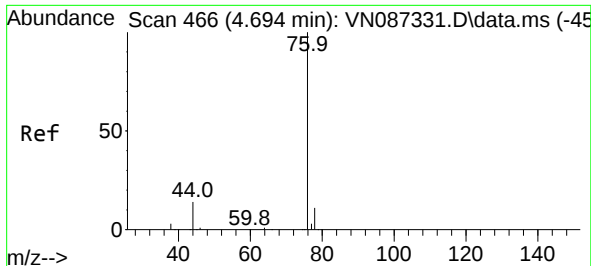
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#16
Acetone
Concen: 112.811 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN087530.D
Acq: 13 Aug 2025 13:23

Tgt Ion: 43 Resp: 239432
Ion Ratio Lower Upper
43 100
58 29.3 22.3 33.5





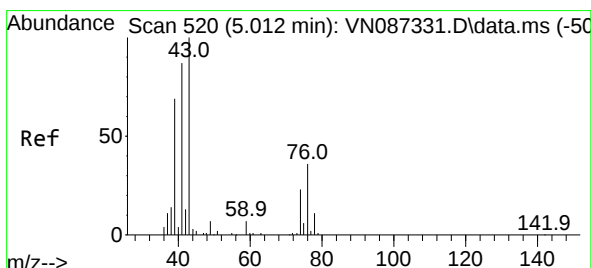
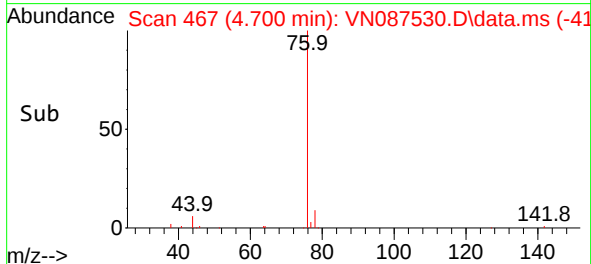
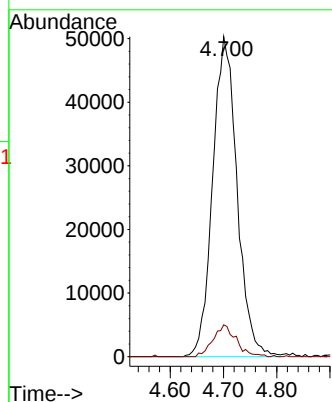
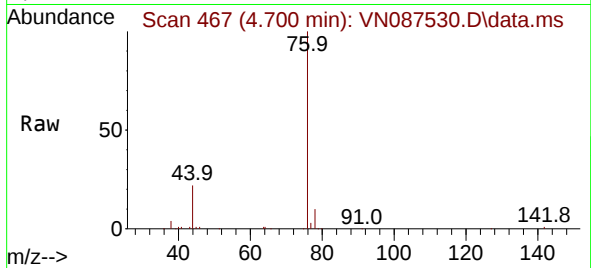
#17
Carbon Disulfide
Concen: 17.725 ug/l
RT: 4.700 min Scan# 466
Delta R.T. 0.006 min
Lab File: VN087530.D
Acq: 13 Aug 2025 13:23

Instrument :
MSVOA_N
ClientSampleId :
VN0813WBSD01

Tgt Ion: 76 Resp: 16006
Ion Ratio Lower Upper
76 100
78 10.0 8.6 13.0

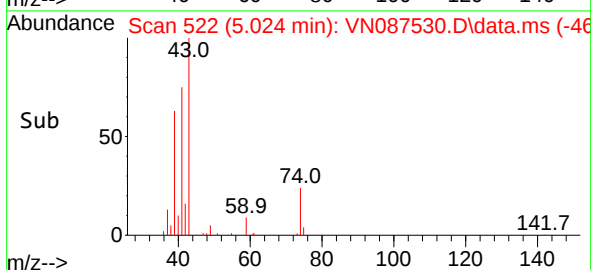
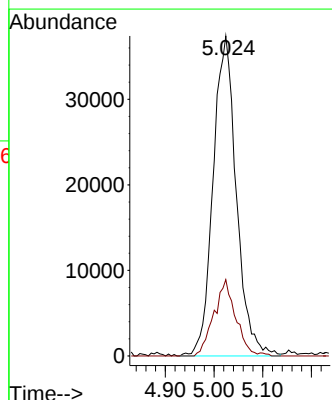
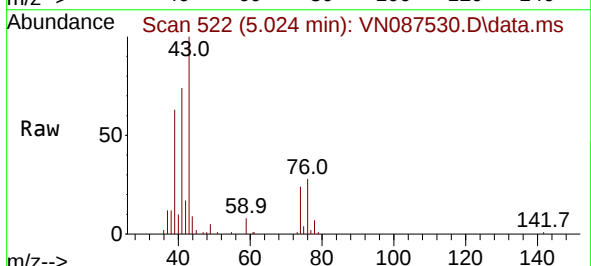
Manual Integrations
APPROVED

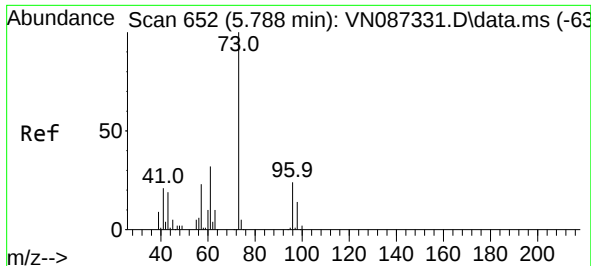
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#18
Methyl Acetate
Concen: 23.257 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.012 min
Lab File: VN087530.D
Acq: 13 Aug 2025 13:23

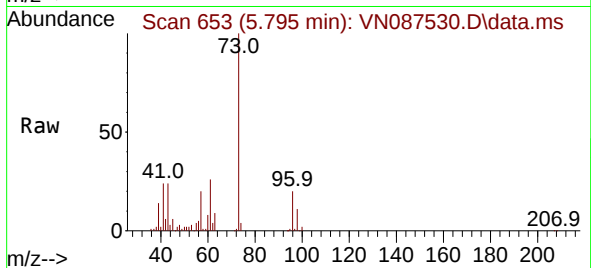
Tgt Ion: 43 Resp: 124016
Ion Ratio Lower Upper
43 100
74 22.1 17.8 26.6





#19
Methyl tert-butyl Ether
Concen: 22.193 ug/l
RT: 5.795 min Scan# 652
Delta R.T. 0.006 min
Lab File: VN087530.D
Acq: 13 Aug 2025 13:23

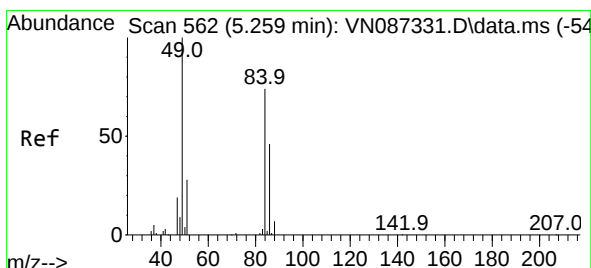
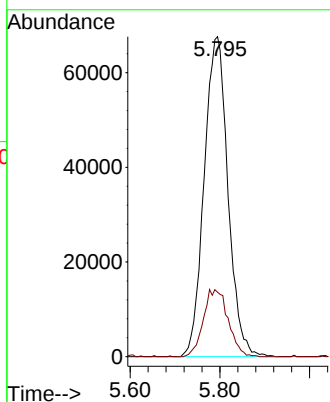
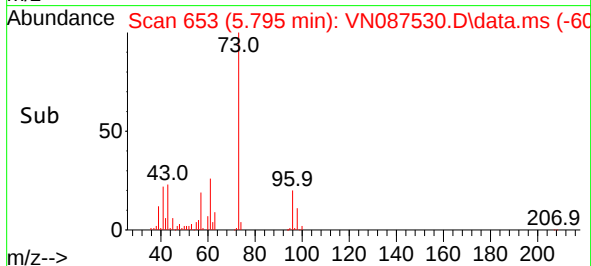
Instrument :
MSVOA_N
ClientSampleId :
VN0813WBSD01



Tgt Ion: 73 Resp: 24916
Ion Ratio Lower Upper
73 100
57 20.1 18.6 27.8

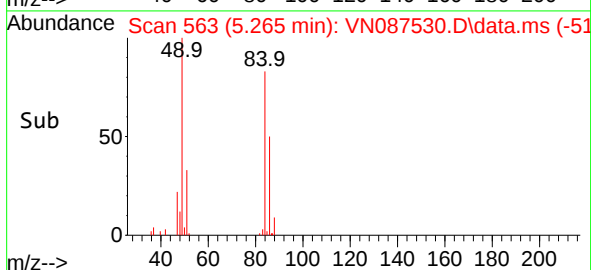
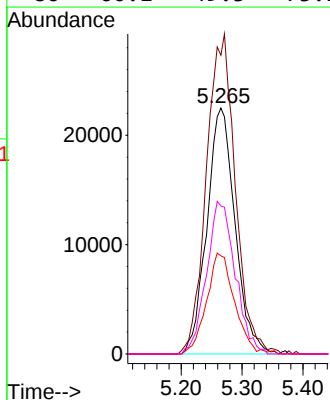
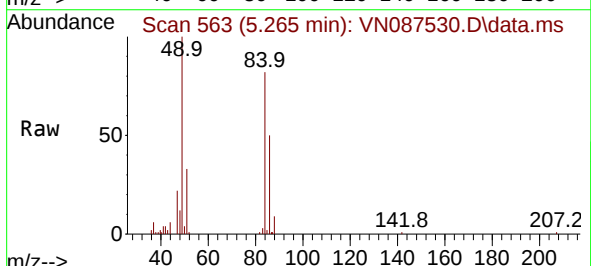
Manual Integrations
APPROVED

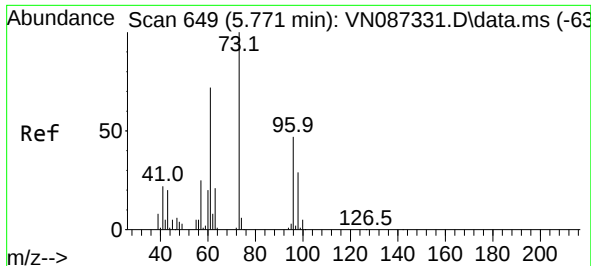
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#20
Methylene Chloride
Concen: 19.744 ug/l
RT: 5.265 min Scan# 563
Delta R.T. 0.006 min
Lab File: VN087530.D
Acq: 13 Aug 2025 13:23

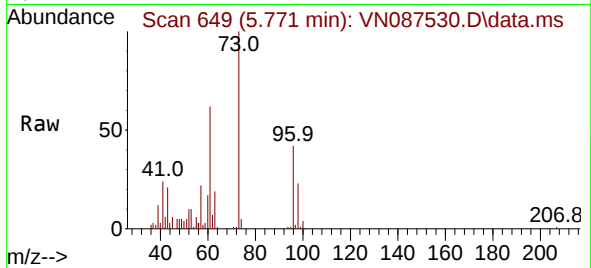
Tgt Ion: 84 Resp: 72230
Ion Ratio Lower Upper
84 100
49 121.4 107.5 161.3
51 39.9 30.2 45.2
86 60.1 49.3 73.9





#21
trans-1,2-Dichloroethene
Concen: 18.921 ug/l
RT: 5.771 min Scan# 649
Delta R.T. 0.000 min
Lab File: VN087530.D
Acq: 13 Aug 2025 13:23

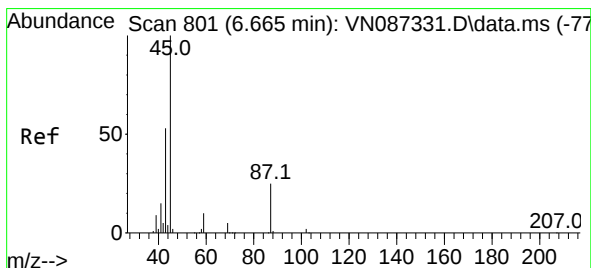
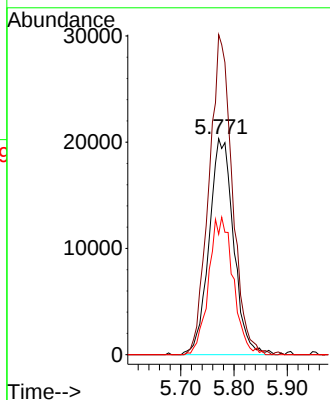
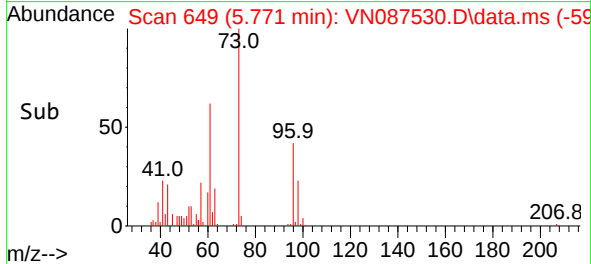
Instrument :
MSVOA_N
ClientSampleId :
VN0813WBSD01



Tgt Ion: 96 Resp: 6498
Ion Ratio Lower Upper
96 100
61 148.2 122.0 183.0
98 55.8 50.0 75.0

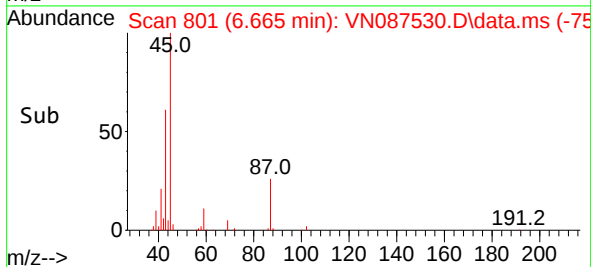
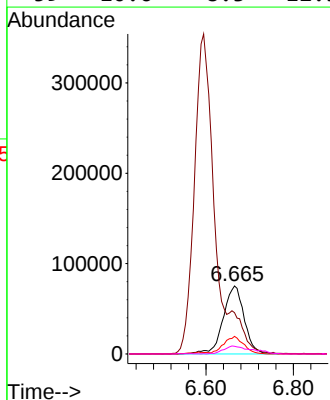
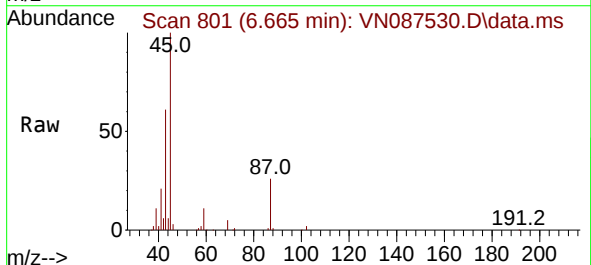
Manual Integrations
APPROVED

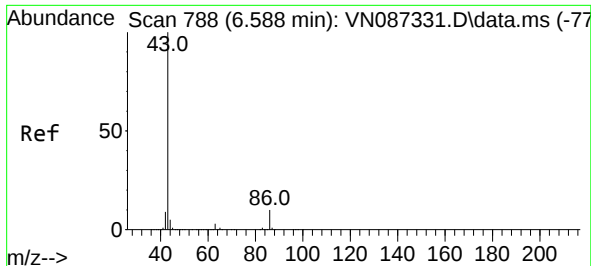
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#22
Diisopropyl ether
Concen: 21.639 ug/l
RT: 6.665 min Scan# 801
Delta R.T. 0.000 min
Lab File: VN087530.D
Acq: 13 Aug 2025 13:23

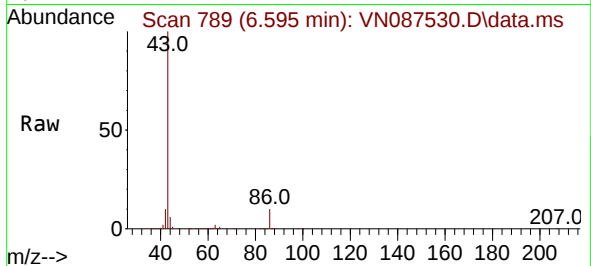
Tgt Ion: 45 Resp: 250212
Ion Ratio Lower Upper
45 100
43 59.9 42.8 64.2
87 26.0 19.8 29.6
59 10.6 8.3 12.5





#23
 Vinyl Acetate
 Concen: 105.407 ug/l
 RT: 6.595 min Scan# 789
 Delta R.T. 0.006 min
 Lab File: VN087530.D
 Acq: 13 Aug 2025 13:23

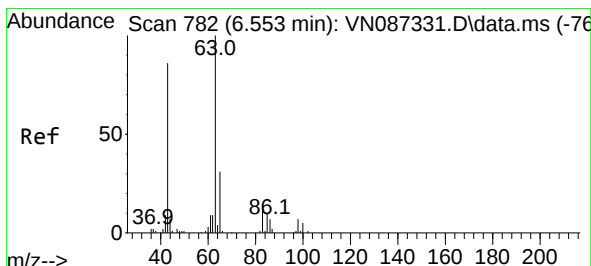
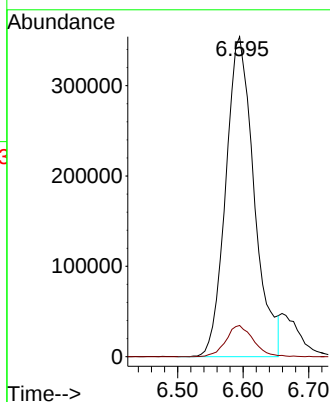
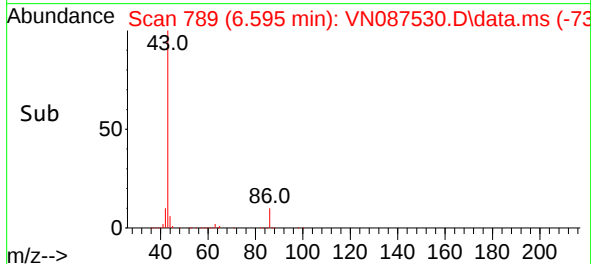
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0813WBSD01



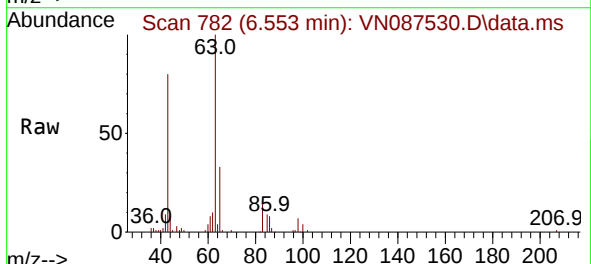
Tgt Ion: 43 Resp: 106596
 Ion Ratio Lower Upper
 43 100
 86 9.8 7.7 11.5

Manual Integrations
 APPROVED

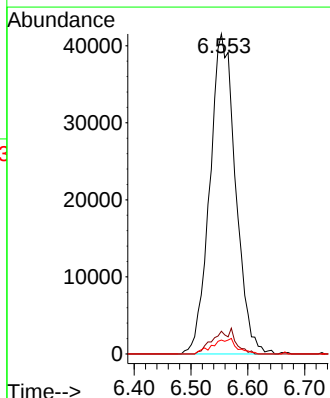
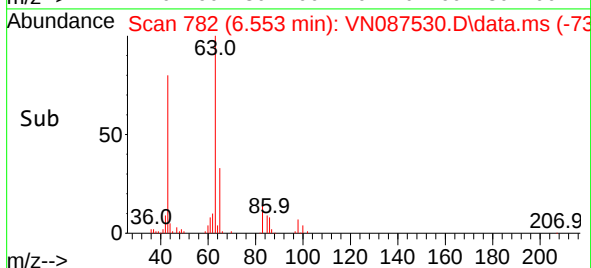
Reviewed By :John Carlone 08/14/2025
 Supervised By :Mahesh Dadoda 08/18/2025

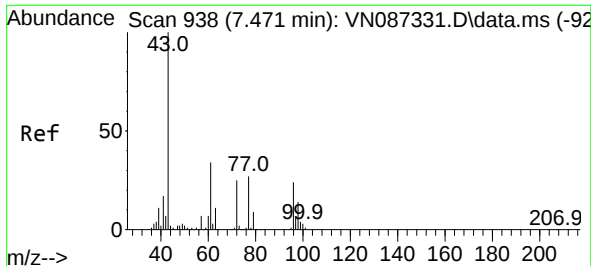


#24
 1,1-Dichloroethane
 Concen: 19.575 ug/l
 RT: 6.553 min Scan# 782
 Delta R.T. 0.000 min
 Lab File: VN087530.D
 Acq: 13 Aug 2025 13:23



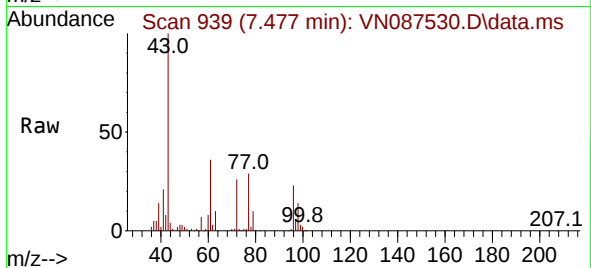
Tgt Ion: 63 Resp: 130584
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.3 9.9
 100 4.4 2.5 7.4





#25
2-Butanone
Concen: 108.290 ug/l
RT: 7.477 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN087530.D
Acq: 13 Aug 2025 13:23

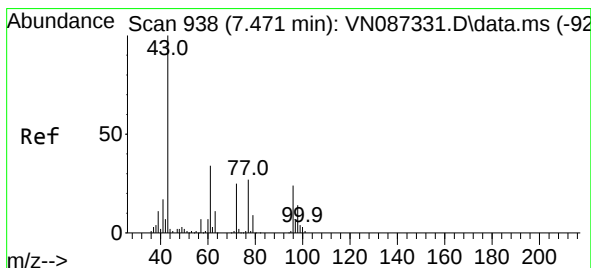
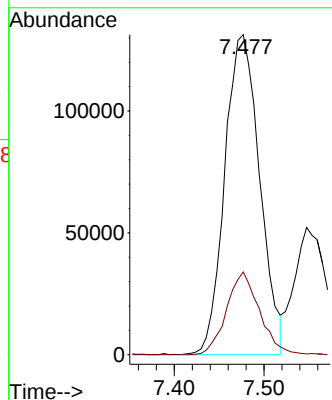
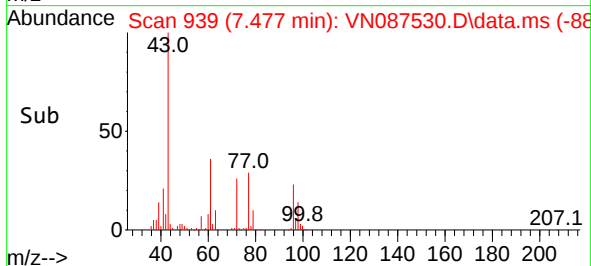
Instrument :
MSVOA_N
ClientSampleId :
VN0813WBSD01



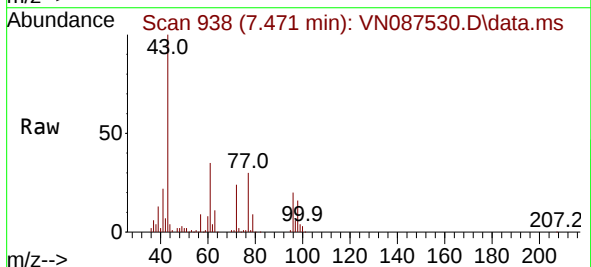
Tgt Ion: 43 Resp: 35512
Ion Ratio Lower Upper
43 100
72 25.8 19.6 29.4

Manual Integrations
APPROVED

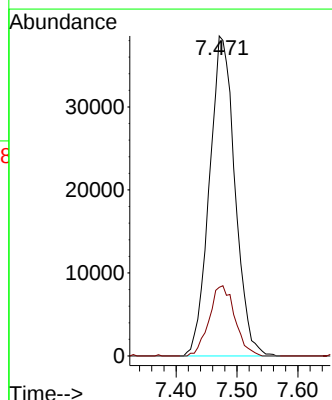
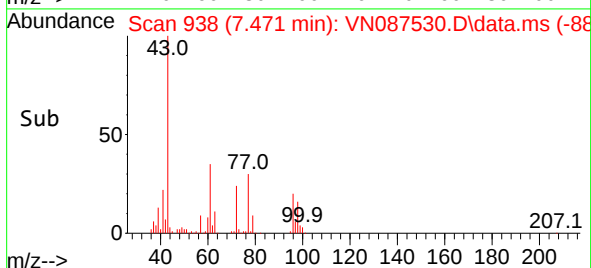
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

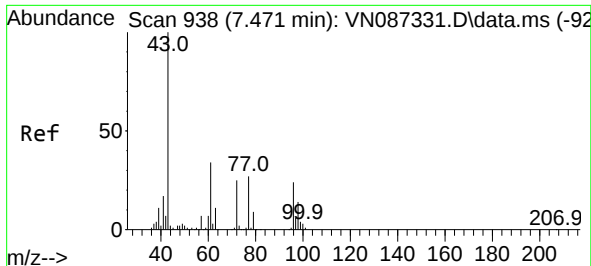


#26
2,2-Dichloropropane
Concen: 21.642 ug/l
RT: 7.471 min Scan# 938
Delta R.T. 0.000 min
Lab File: VN087530.D
Acq: 13 Aug 2025 13:23



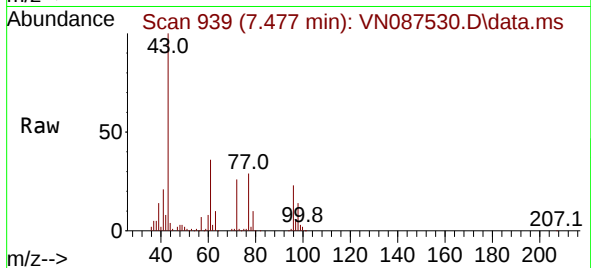
Tgt Ion: 77 Resp: 112245
Ion Ratio Lower Upper
77 100
97 22.1 11.1 33.1





#27
 cis-1,2-Dichloroethene
 Concen: 19.742 ug/l
 RT: 7.477 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VN087530.D
 Acq: 13 Aug 2025 13:23

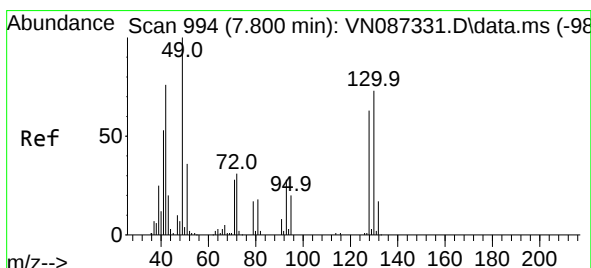
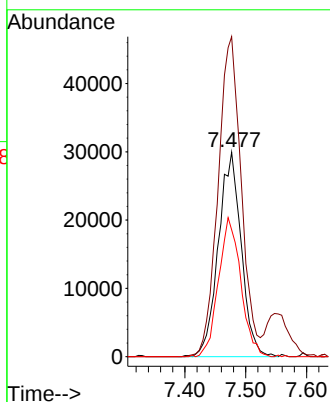
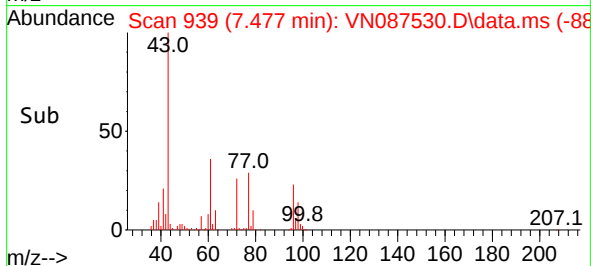
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0813WBSD01



Tgt Ion: 96 Resp: 78062
 Ion Ratio Lower Upper
 96 100
 61 159.0 0.0 297.8
 98 66.3 0.0 132.4

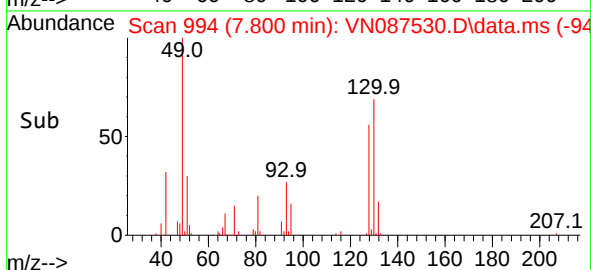
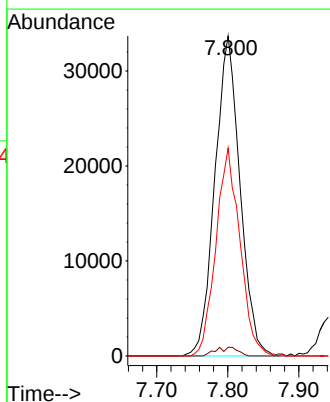
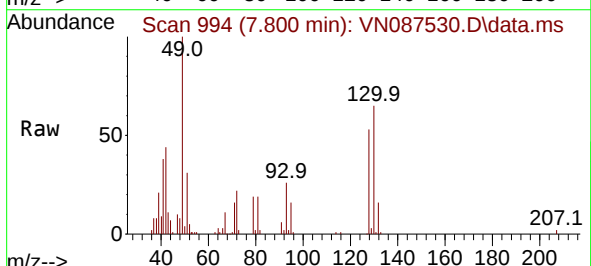
Manual Integrations
 APPROVED

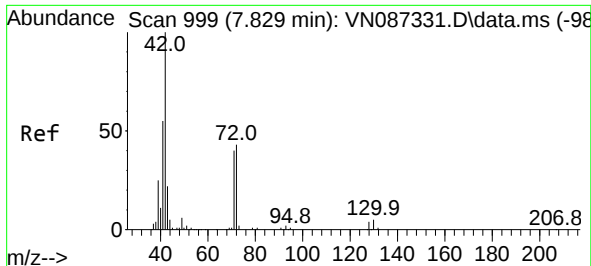
Reviewed By :John Carlone 08/14/2025
 Supervised By :Mahesh Dadoda 08/18/2025



#28
 Bromochloromethane
 Concen: 25.905 ug/l
 RT: 7.800 min Scan# 994
 Delta R.T. 0.000 min
 Lab File: VN087530.D
 Acq: 13 Aug 2025 13:23

Tgt Ion: 49 Resp: 82704
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 4.2
 130 62.2 57.3 85.9





#29

Tetrahydrofuran

Concen: 104.509 ug/l

RT: 7.830 min Scan# 999

Delta R.T. 0.000 min

Lab File: VN087530.D

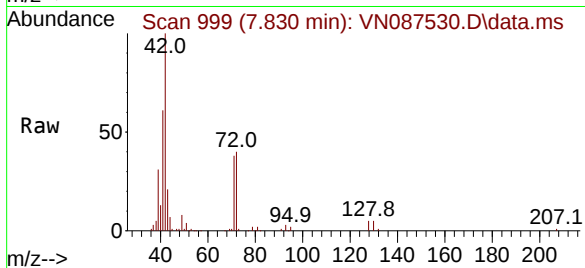
Acq: 13 Aug 2025 13:23

Instrument :

MSVOA_N

ClientSampleId :

VN0813WBSD01



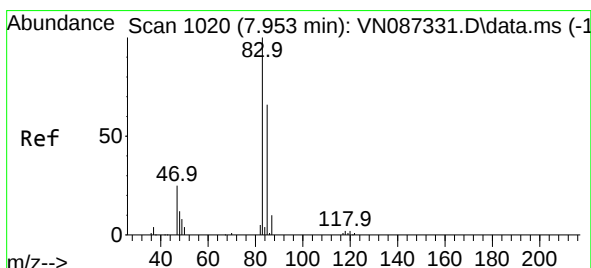
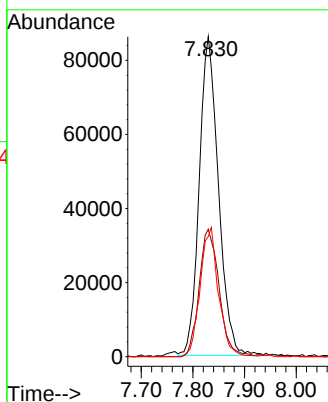
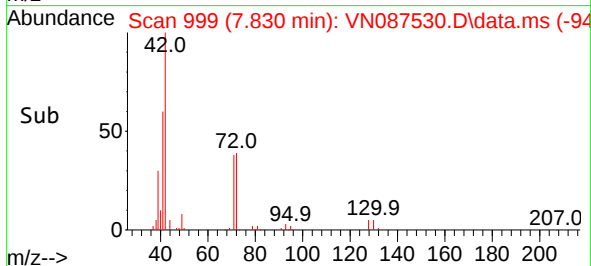
Tgt Ion:	42	Resp:	22264
Ion Ratio	100	Lower	Upper
42	100		
72	41.5	33.4	50.0
71	38.6	31.2	46.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/14/2025

Supervised By :Mahesh Dadoda 08/18/2025



#30

Chloroform

Concen: 20.923 ug/l

RT: 7.953 min Scan# 1020

Delta R.T. 0.000 min

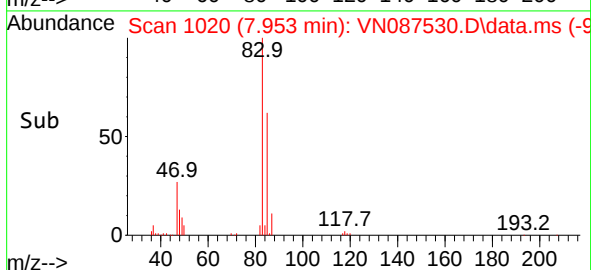
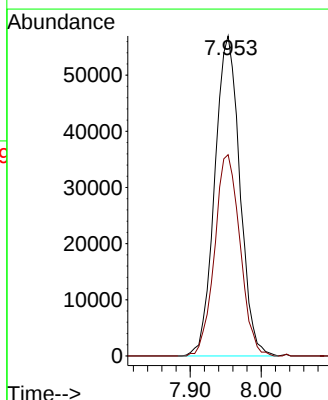
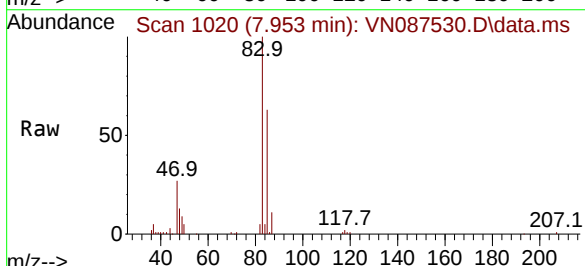
Lab File: VN087530.D

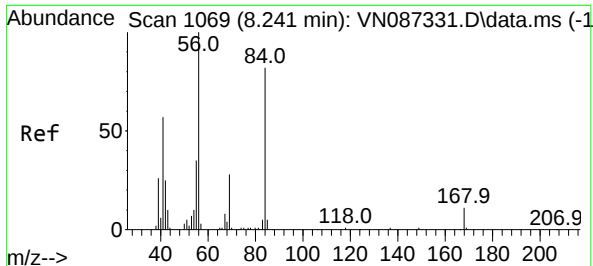
Acq: 13 Aug 2025 13:23

Tgt Ion: 83 Resp: 139708

Ion Ratio Lower Upper

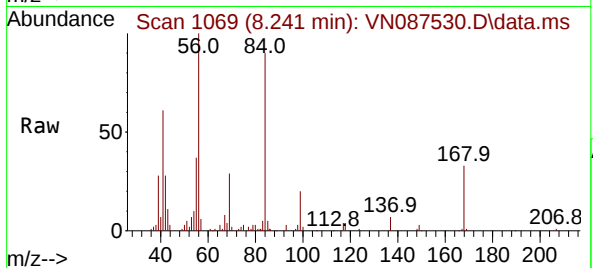
83	100		
85	62.9	52.7	79.1





#31
Cyclohexane
Concen: 20.933 ug/l
RT: 8.241 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VN087530.D
Acq: 13 Aug 2025 13:23

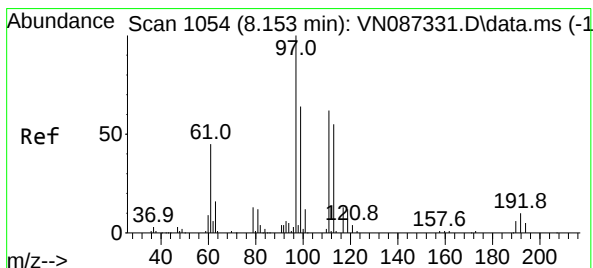
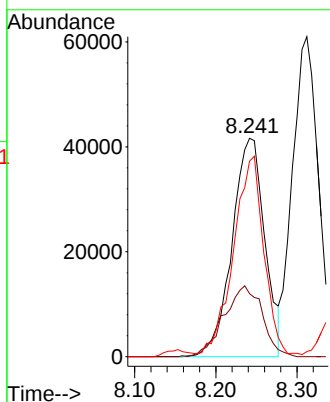
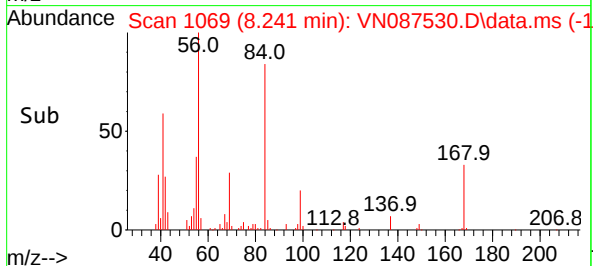
Instrument :
MSVOA_N
ClientSampleId :
VN0813WBSD01



Tgt Ion: 56 Resp: 116493
Ion Ratio Lower Upper
56 100
69 28.8 22.7 34.1
84 86.3 65.8 98.6

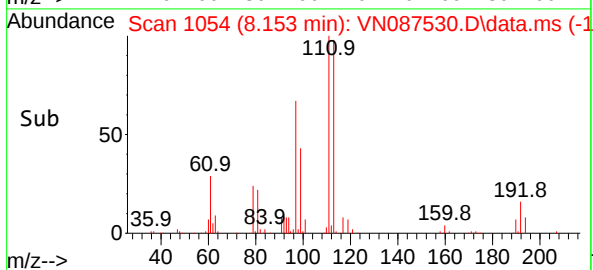
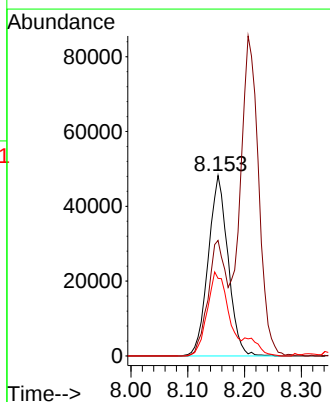
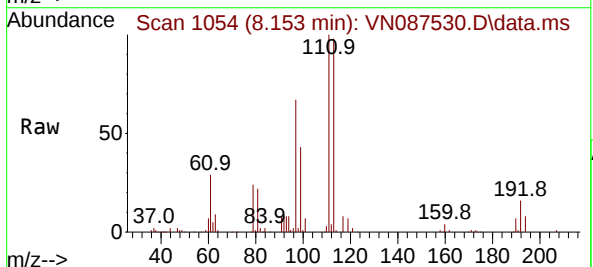
Manual Integrations
APPROVED

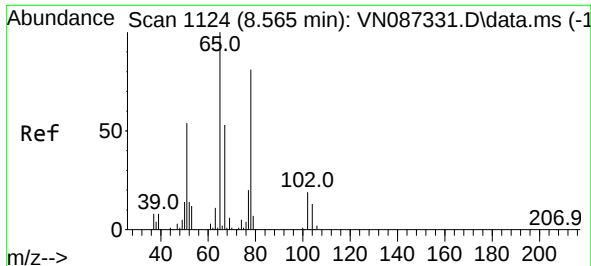
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#32
1,1,1-Trichloroethane
Concen: 20.175 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VN087530.D
Acq: 13 Aug 2025 13:23

Tgt Ion: 97 Resp: 116674
Ion Ratio Lower Upper
97 100
99 57.1 51.8 77.8
61 49.8 38.7 58.1





#33

1,2-Dichloroethane-d4

Concen: 55.899 ug/l

RT: 8.565 min Scan# 1124

Delta R.T. 0.000 min

Lab File: VN087530.D

Acq: 13 Aug 2025 13:23

Instrument :

MSVOA_N

ClientSampleId :

VN0813WBSD01

Tgt Ion: 65 Resp: 25303

Ion Ratio Lower Upper

65 100

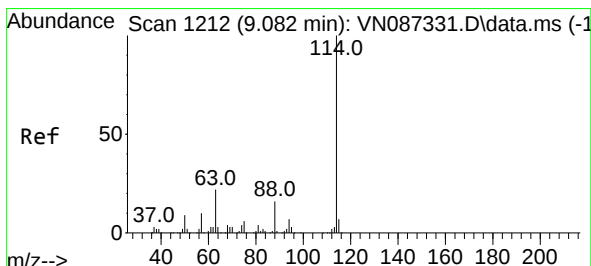
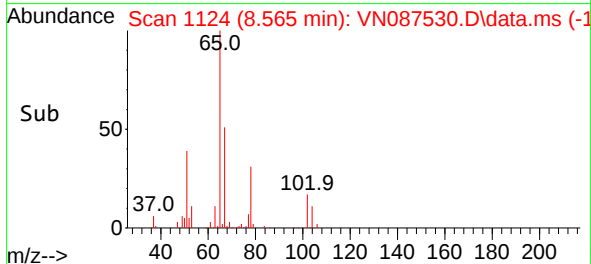
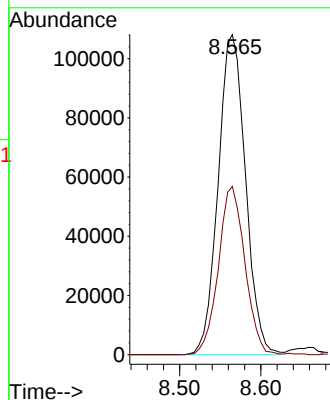
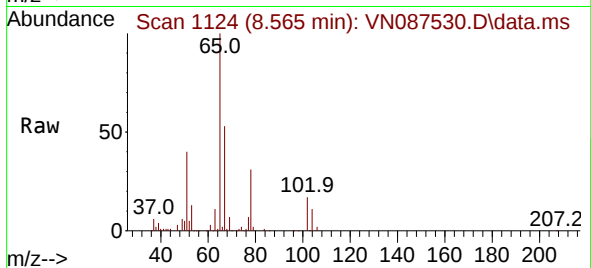
67 51.0 0.0 104.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/14/2025

Supervised By :Mahesh Dadoda 08/18/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.083 min Scan# 1212

Delta R.T. 0.001 min

Lab File: VN087530.D

Acq: 13 Aug 2025 13:23

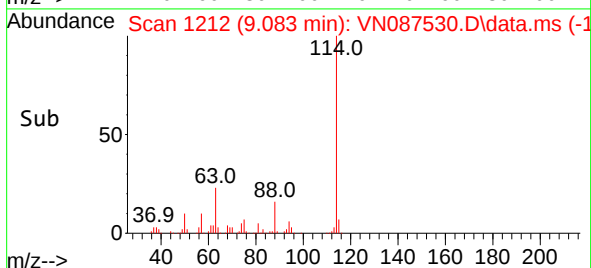
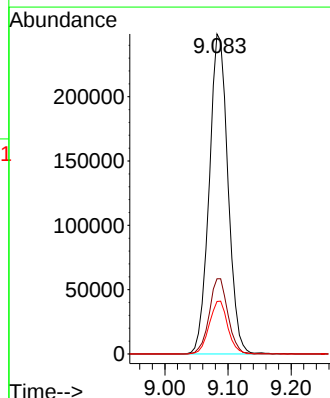
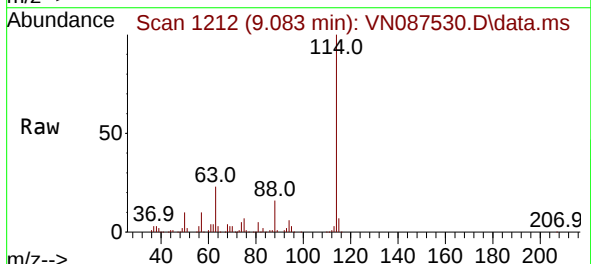
Tgt Ion:114 Resp: 512412

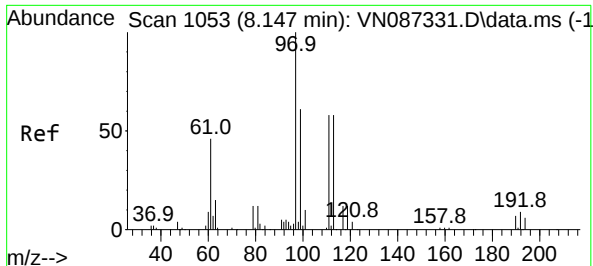
Ion Ratio Lower Upper

114 100

63 23.5 0.0 44.6

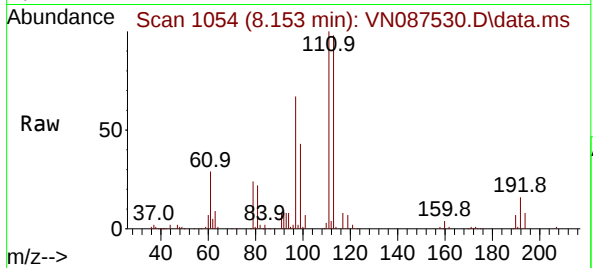
88 16.4 0.0 32.8





#35
Dibromofluoromethane
Concen: 48.890 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VN087530.D
Acq: 13 Aug 2025 13:23

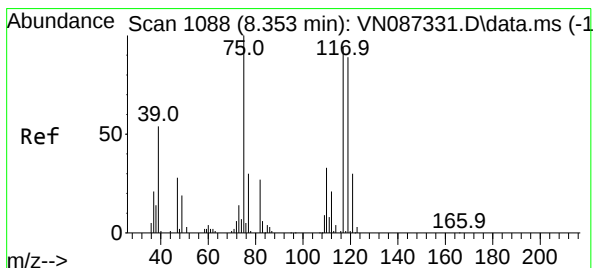
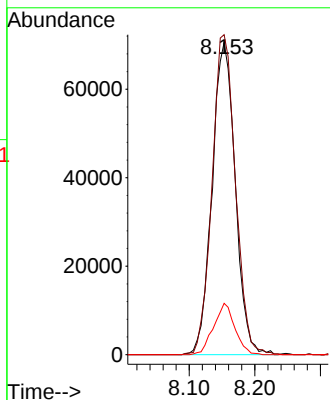
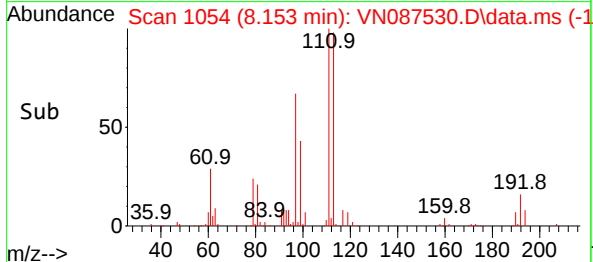
Instrument :
MSVOA_N
ClientSampleId :
VN0813WBSD01



Tgt Ion: 113 Resp: 17280
Ion Ratio Lower Upper
113 100
111 103.4 82.5 123.7
192 15.1 13.7 20.5

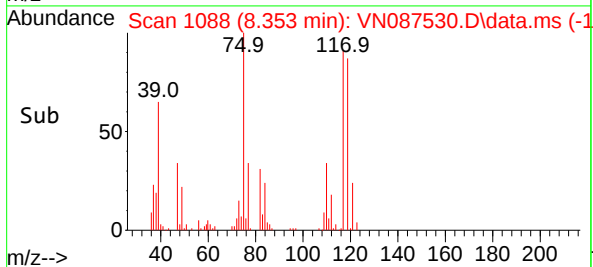
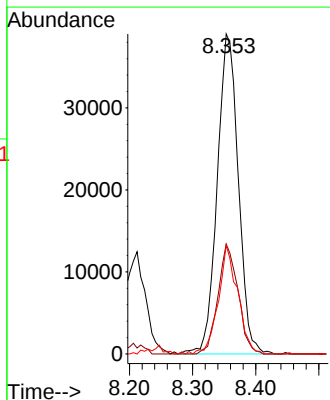
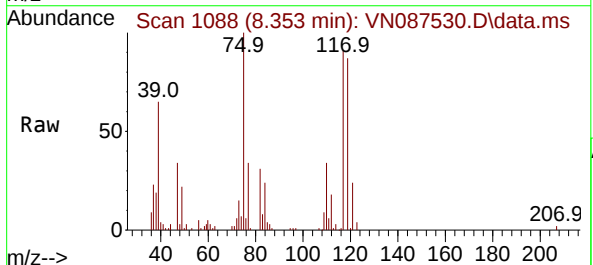
Manual Integrations
APPROVED

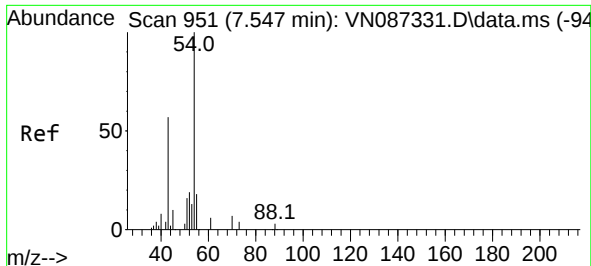
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#36
1,1-Dichloropropene
Concen: 19.413 ug/l
RT: 8.353 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VN087530.D
Acq: 13 Aug 2025 13:23

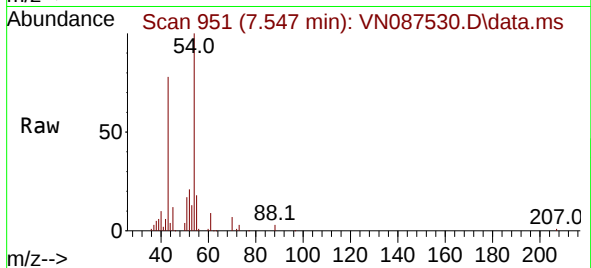
Tgt Ion: 75 Resp: 90656
Ion Ratio Lower Upper
75 100
110 32.6 16.7 50.1
77 31.2 25.2 37.8





#37
Ethyl Acetate
Concen: 20.513 ug/l
RT: 7.547 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN087530.D
Acq: 13 Aug 2025 13:23

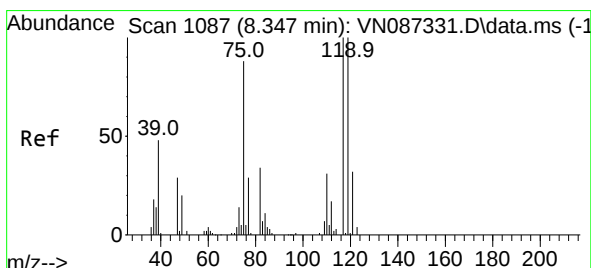
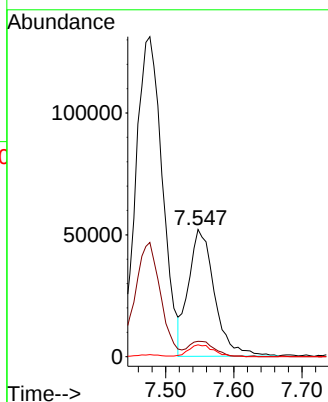
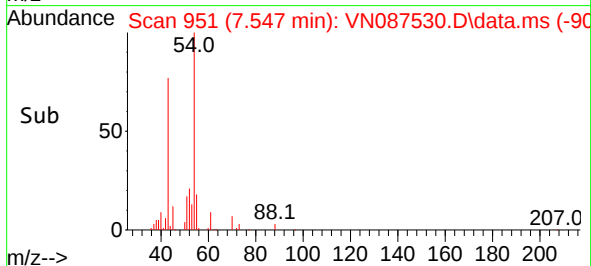
Instrument :
MSVOA_N
ClientSampleId :
VN0813WBSD01



Tgt Ion: 43 Resp: 13834
Ion Ratio Lower Upper
43 100
61 12.0 10.9 16.3
70 9.0 7.4 11.0

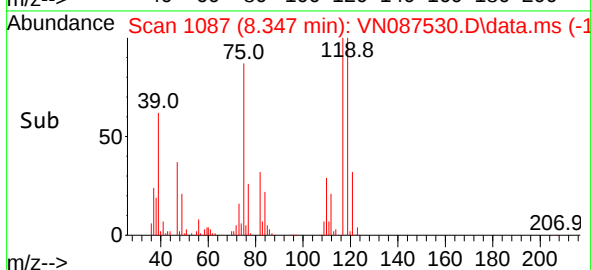
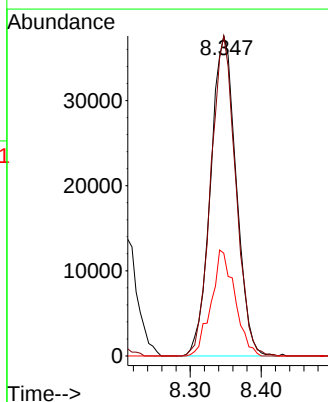
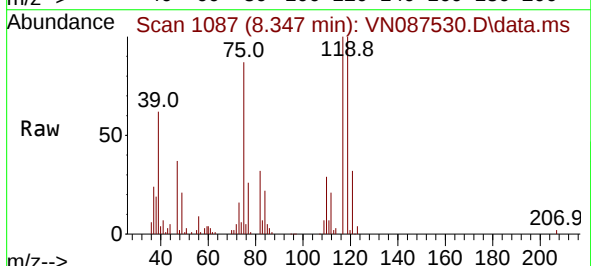
Manual Integrations
APPROVED

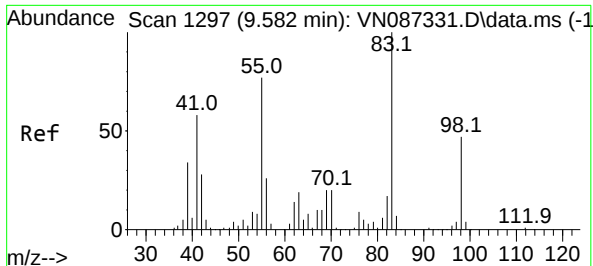
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#38
Carbon Tetrachloride
Concen: 18.210 ug/l
RT: 8.347 min Scan# 1087
Delta R.T. 0.000 min
Lab File: VN087530.D
Acq: 13 Aug 2025 13:23

Tgt Ion:117 Resp: 93676
Ion Ratio Lower Upper
117 100
119 99.9 80.2 120.2
121 32.1 25.4 38.2





#39

Methylcyclohexane

Concen: 20.968 ug/l

RT: 9.583 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VN087530.D

Acq: 13 Aug 2025 13:23

Instrument :

MSVOA_N

ClientSampleId :

VN0813WBSD01

Tgt Ion: 83 Resp: 106012

Ion Ratio Lower Upper

83 100

55 76.2 61.3 91.9

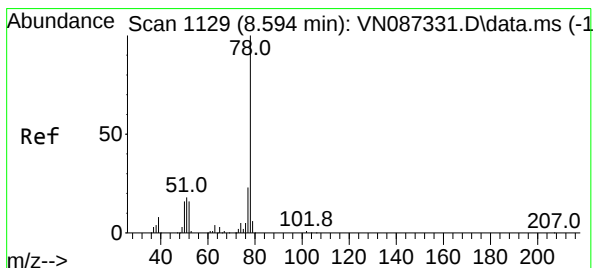
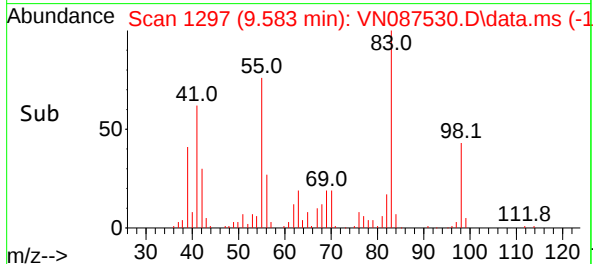
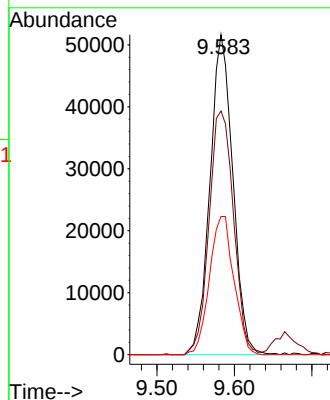
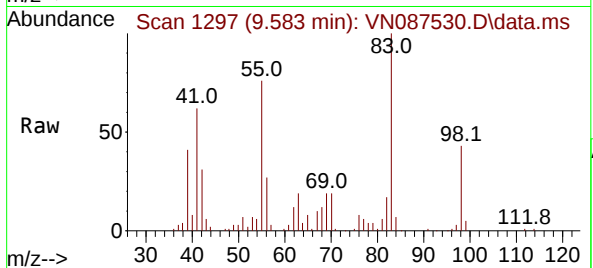
98 43.2 37.9 56.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/14/2025

Supervised By :Mahesh Dadoda 08/18/2025



#40

Benzene

Concen: 18.861 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VN087530.D

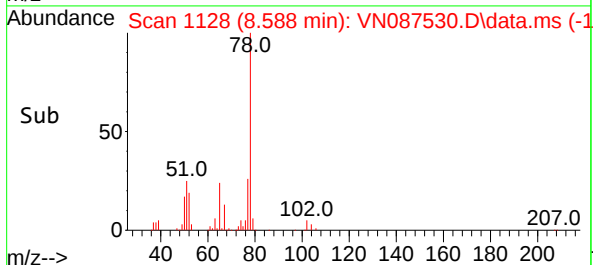
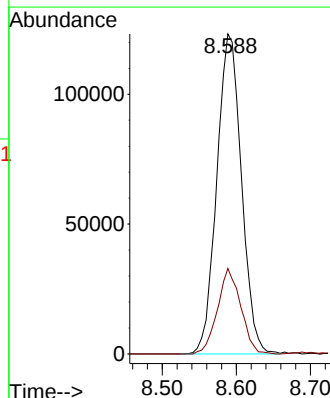
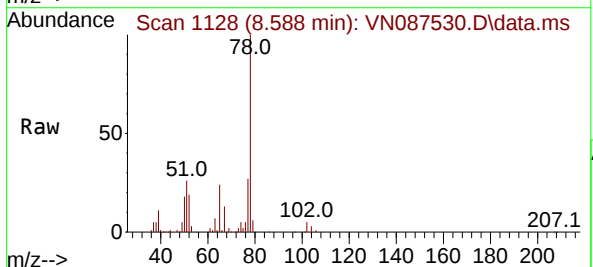
Acq: 13 Aug 2025 13:23

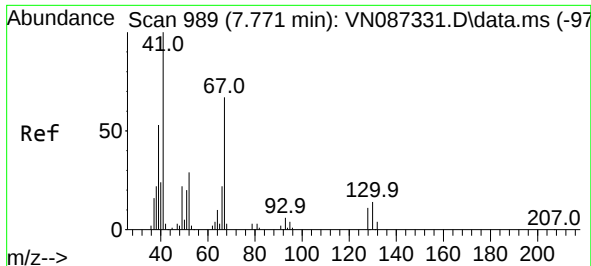
Tgt Ion: 78 Resp: 284664

Ion Ratio Lower Upper

78 100

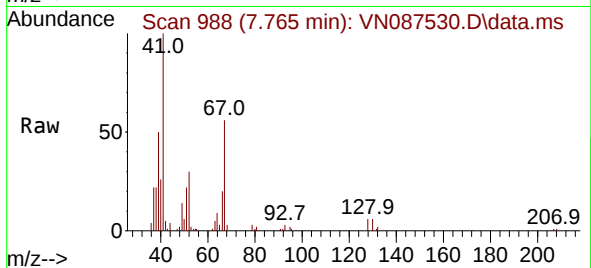
77 26.7 18.2 27.2





#41
Methacrylonitrile
Concen: 20.192 ug/l
RT: 7.765 min Scan# 911
Delta R.T. -0.006 min
Lab File: VN087530.D
Acq: 13 Aug 2025 13:23

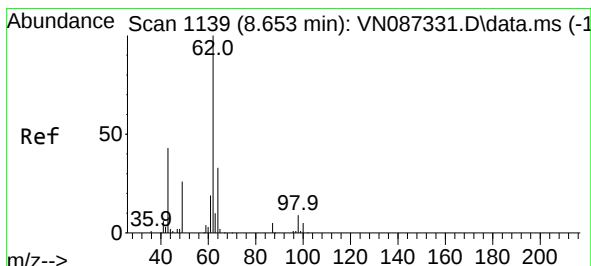
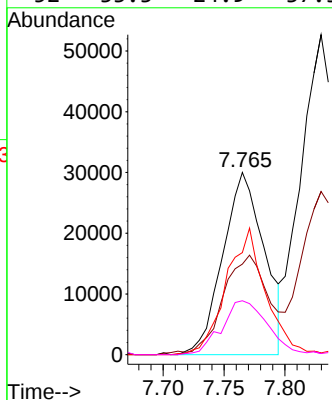
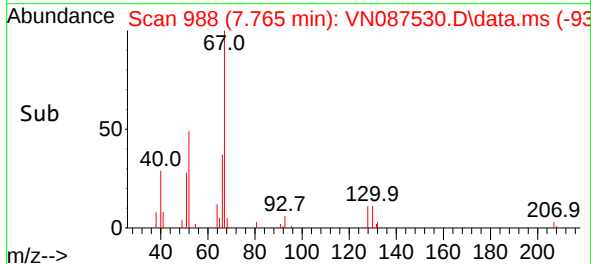
Instrument :
MSVOA_N
Client Sample Id :
VN0813WBSD01



Tgt Ion:	41	Resp:	71200
Ion Ratio	100	Lower	Upper
39	62.3	43.4	65.0
67	66.6	55.1	82.7
52	33.3	24.9	37.3

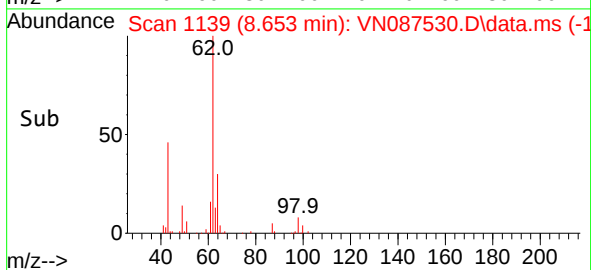
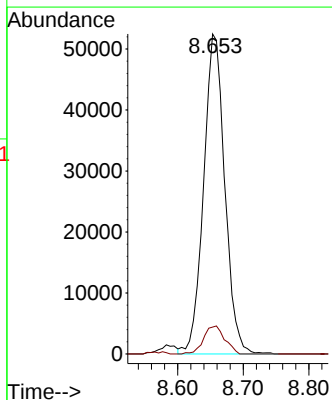
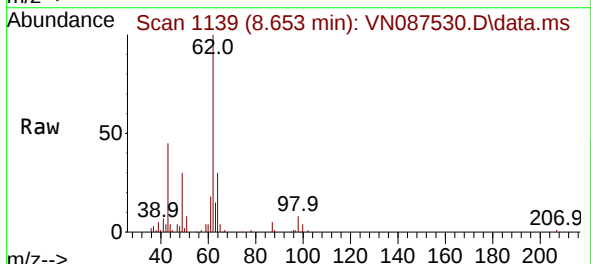
Manual Integrations
APPROVED

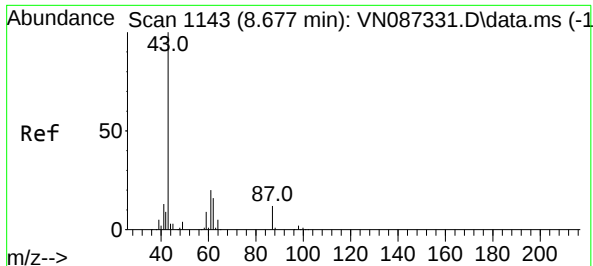
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#42
1,2-Dichloroethane
Concen: 20.585 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. 0.000 min
Lab File: VN087530.D
Acq: 13 Aug 2025 13:23

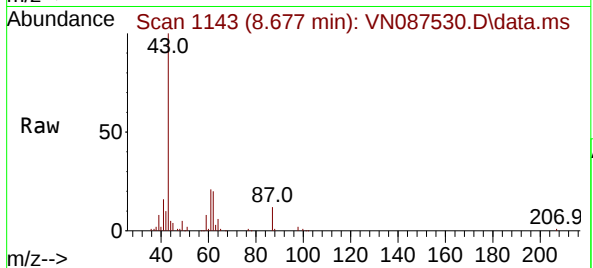
Tgt Ion:	62	Resp:	117819
Ion Ratio	100	Lower	Upper
98	8.7	0.0	18.0





#43
Isopropyl Acetate
Concen: 20.891 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN087530.D
Acq: 13 Aug 2025 13:23

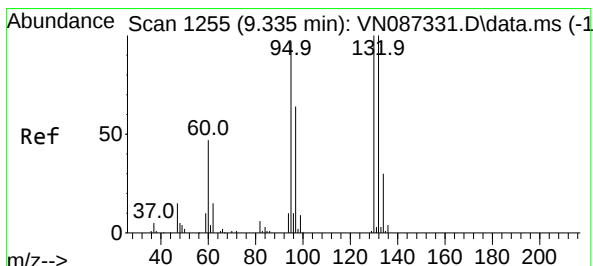
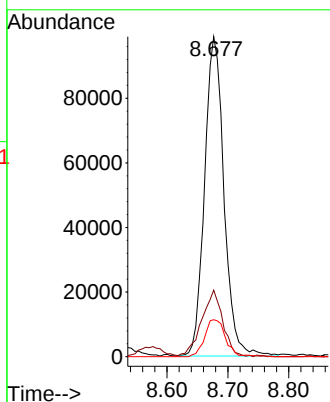
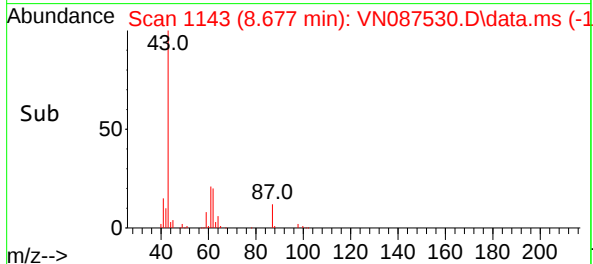
Instrument :
MSVOA_N
ClientSampleId :
VN0813WBSD01



Tgt Ion: 43 Resp: 218724
Ion Ratio Lower Upper
43 100
61 22.4 19.8 29.8
87 12.2 9.8 14.6

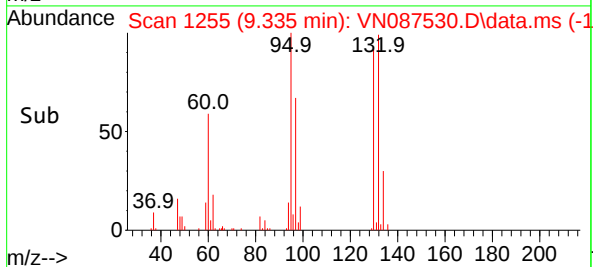
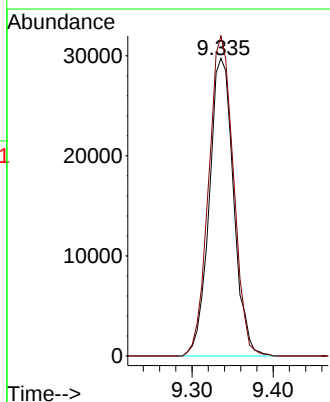
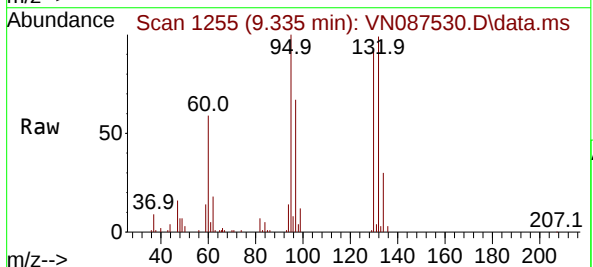
Manual Integrations
APPROVED

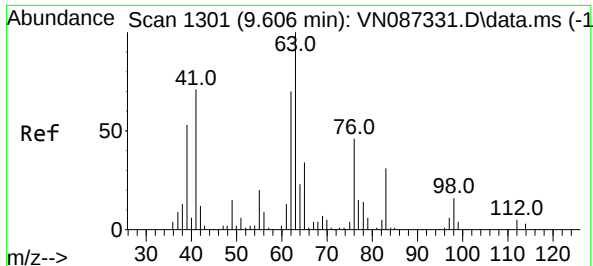
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#44
Trichloroethene
Concen: 17.340 ug/l
RT: 9.335 min Scan# 1255
Delta R.T. 0.000 min
Lab File: VN087530.D
Acq: 13 Aug 2025 13:23

Tgt Ion:130 Resp: 61840
Ion Ratio Lower Upper
130 100
95 107.5 0.0 195.2





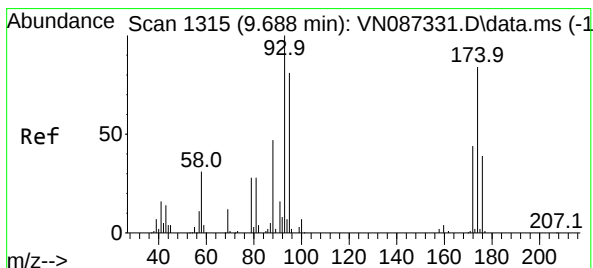
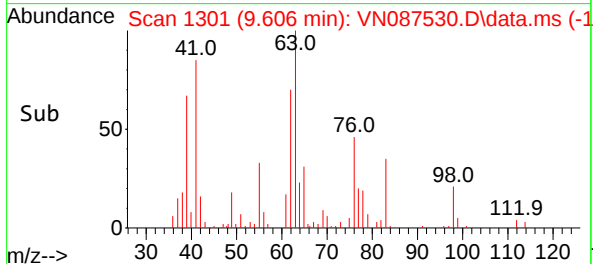
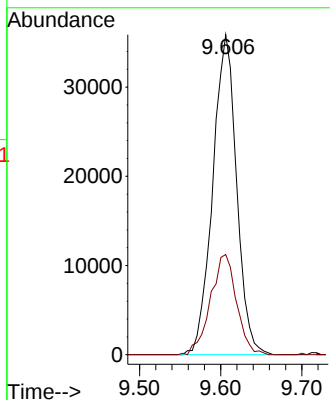
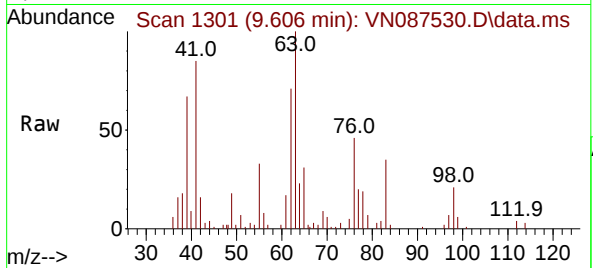
#45
1,2-Dichloropropane
Concen: 19.117 ug/l
RT: 9.606 min Scan# 1301
Delta R.T. 0.000 min
Lab File: VN087530.D
Acq: 13 Aug 2025 13:23

Instrument :
MSVOA_N
ClientSampleId :
VN0813WBSD01

Tgt Ion: 63 Resp: 73314
Ion Ratio Lower Upper
63 100
65 31.3 27.0 40.4

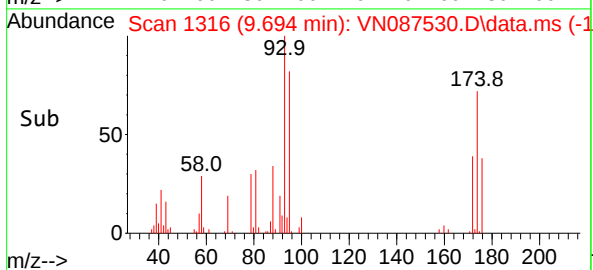
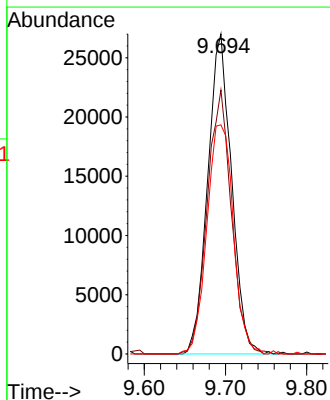
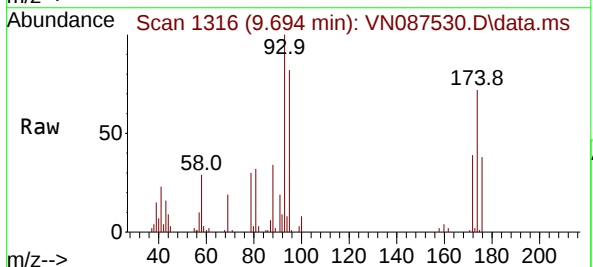
Manual Integrations
APPROVED

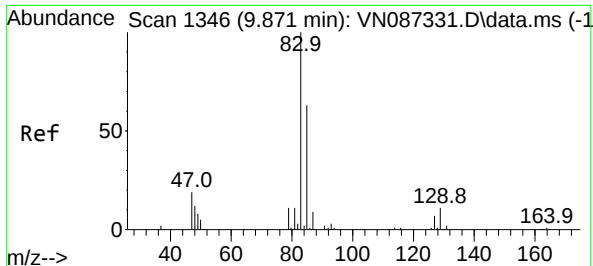
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#46
Dibromomethane
Concen: 19.139 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. 0.006 min
Lab File: VN087530.D
Acq: 13 Aug 2025 13:23

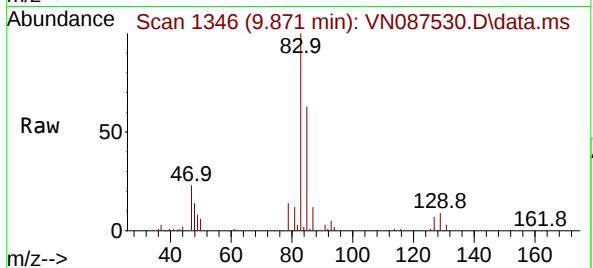
Tgt Ion: 93 Resp: 54955
Ion Ratio Lower Upper
93 100
95 84.1 65.8 98.8
174 79.6 69.9 104.9





#47
Bromodichloromethane
Concen: 19.114 ug/l
RT: 9.871 min Scan# 1346
Delta R.T. 0.000 min
Lab File: VN087530.D
Acq: 13 Aug 2025 13:23

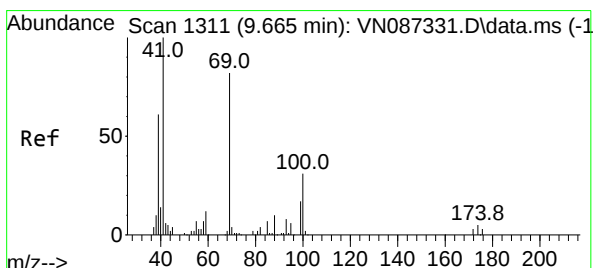
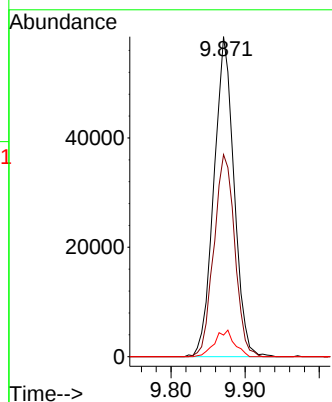
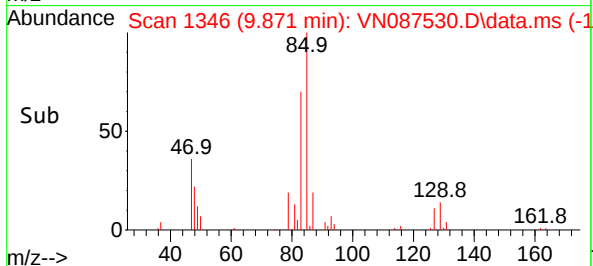
Instrument :
MSVOA_N
ClientSampleId :
VN0813WBSD01



Tgt Ion: 83 Resp: 110549
Ion Ratio Lower Upper
83 100
85 63.2 50.4 75.6
127 6.7 5.8 8.8

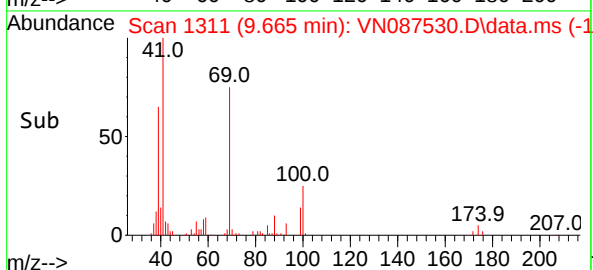
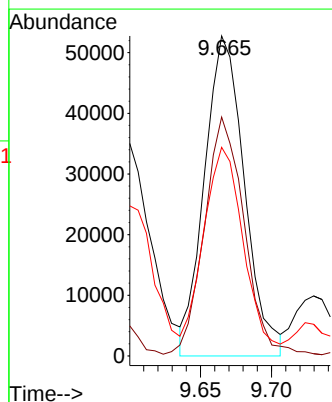
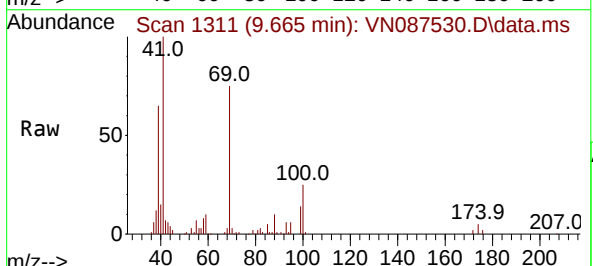
Manual Integrations
APPROVED

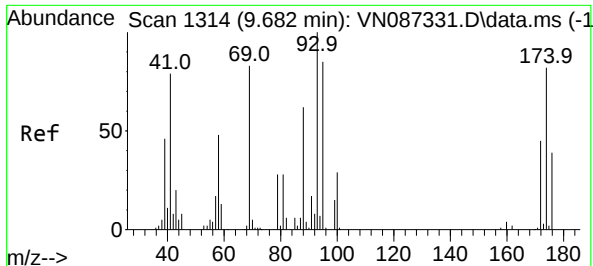
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#48
Methyl methacrylate
Concen: 21.906 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. 0.000 min
Lab File: VN087530.D
Acq: 13 Aug 2025 13:23

Tgt Ion: 41 Resp: 103250
Ion Ratio Lower Upper
41 100
69 73.9 64.1 96.1
39 65.6 45.5 68.3





#49

1,4-Dioxane

Concen: 425.370 ug/l

RT: 9.683 min Scan# 11

Delta R.T. 0.001 min

Lab File: VN087530.D

Acq: 13 Aug 2025 13:23

Instrument :

MSVOA_N

ClientSampleId :

VN0813WBSD01

Tgt Ion: 88 Resp: 3070

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

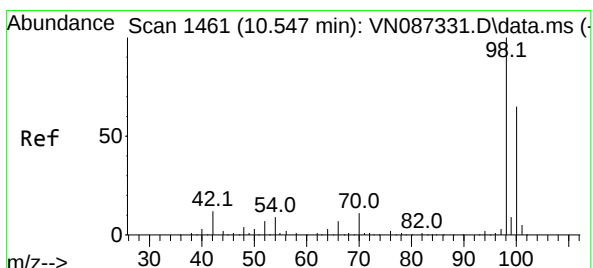
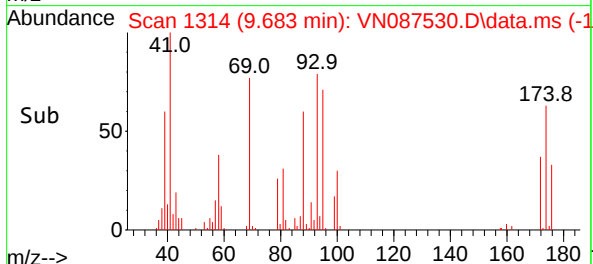
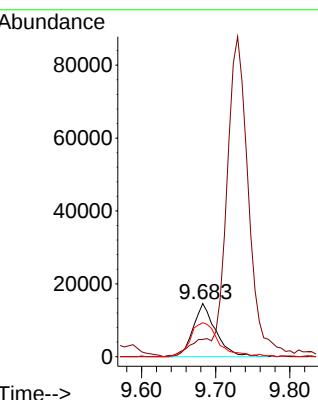
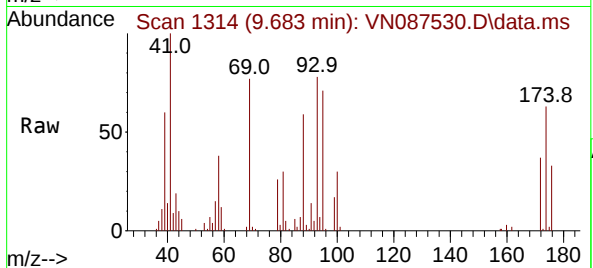
58 78.1 61.1 91.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/14/2025

Supervised By :Mahesh Dadoda 08/18/2025



#50

Toluene-d8

Concen: 48.736 ug/l

RT: 10.547 min Scan# 1461

Delta R.T. 0.000 min

Lab File: VN087530.D

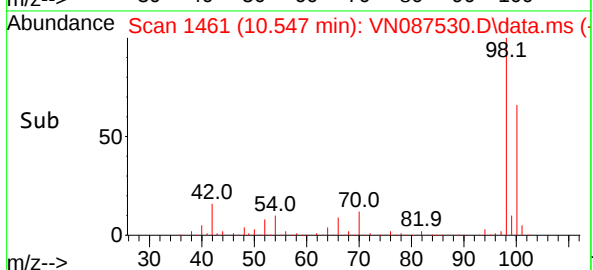
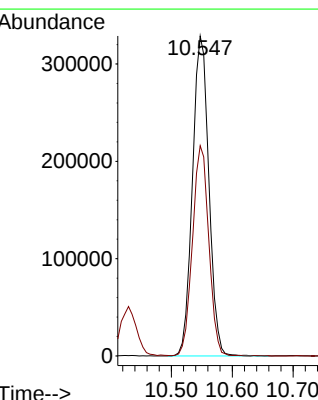
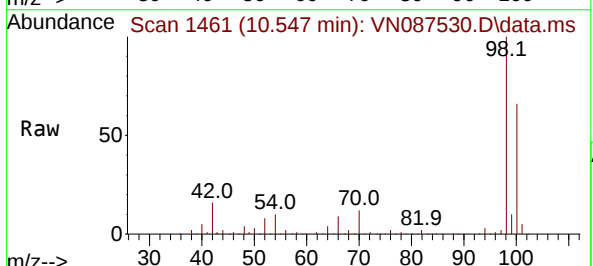
Acq: 13 Aug 2025 13:23

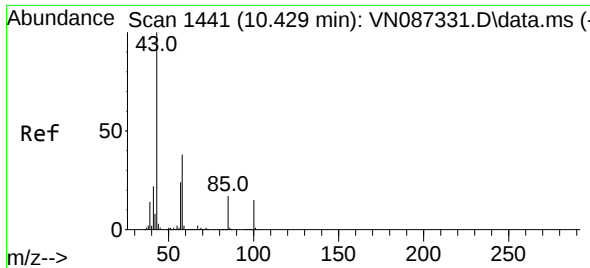
Tgt Ion: 98 Resp: 614481

Ion Ratio Lower Upper

98 100

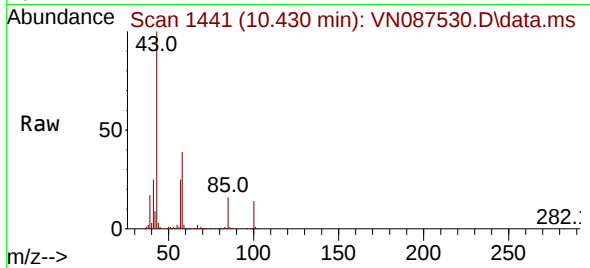
100 65.4 52.1 78.1





#51
4-Methyl-2-Pentanone
Concen: 102.315 ug/l
RT: 10.430 min Scan# 1441
Delta R.T. 0.001 min
Lab File: VN087530.D
Acq: 13 Aug 2025 13:23

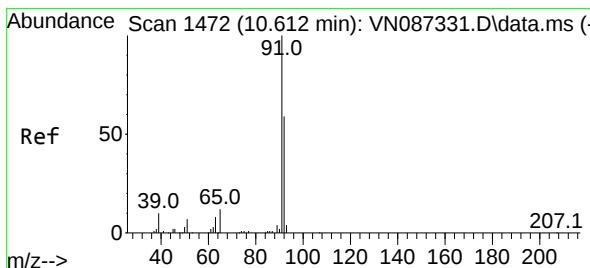
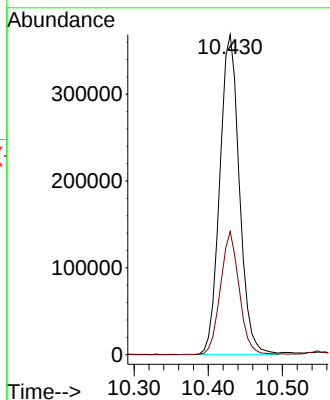
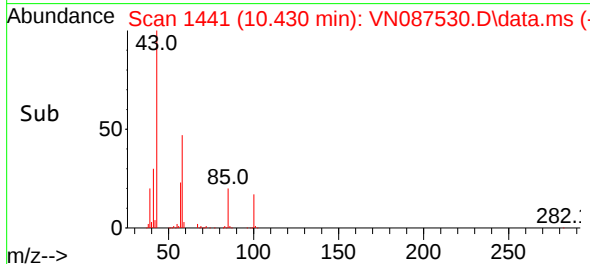
Instrument :
MSVOA_N
ClientSampleId :
VN0813WBSD01



Tgt Ion: 43 Resp: 677508
Ion Ratio Lower Upper
43 100
58 36.9 30.8 46.2

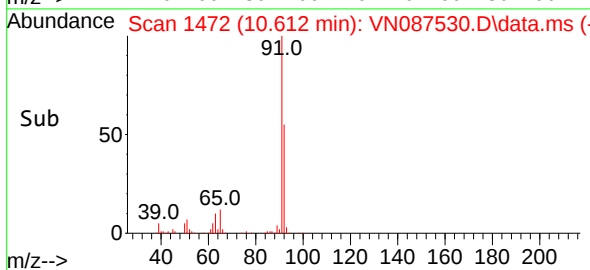
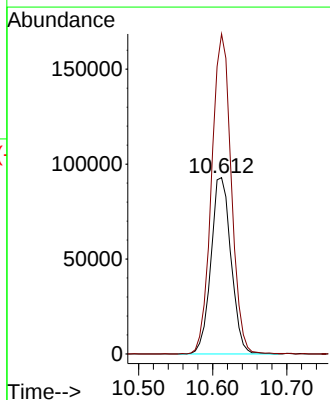
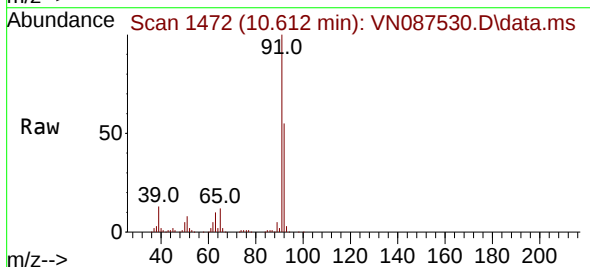
Manual Integrations
APPROVED

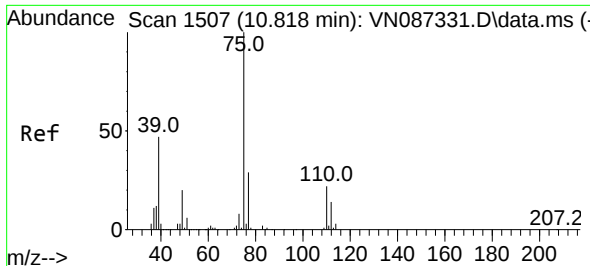
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#52
Toluene
Concen: 19.030 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VN087530.D
Acq: 13 Aug 2025 13:23

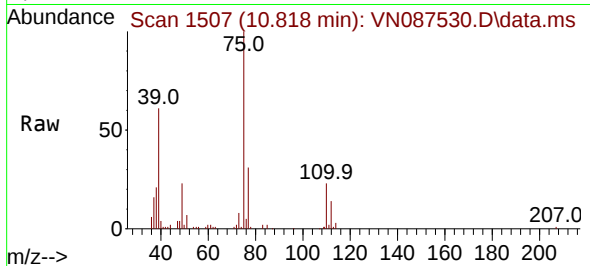
Tgt Ion: 92 Resp: 174579
Ion Ratio Lower Upper
92 100
91 178.2 135.1 202.7





#53
t-1,3-Dichloropropene
Concen: 19.602 ug/l
RT: 10.818 min Scan# 1507
Delta R.T. -0.000 min
Lab File: VN087530.D
Acq: 13 Aug 2025 13:23

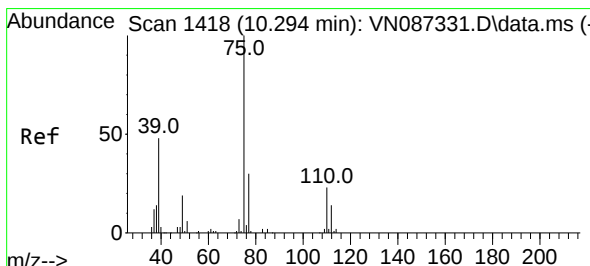
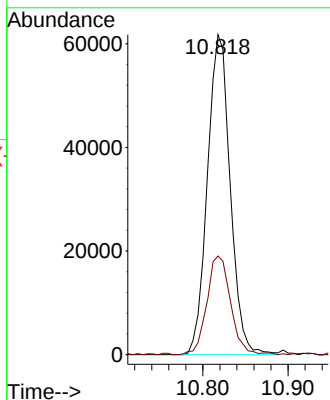
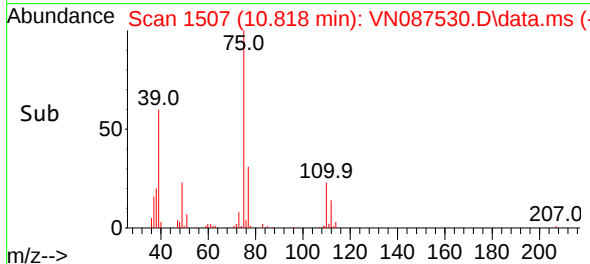
Instrument :
MSVOA_N
ClientSampleId :
VN0813WBSD01



Tgt Ion: 75 Resp: 114738
Ion Ratio Lower Upper
75 100
77 30.9 23.6 35.4

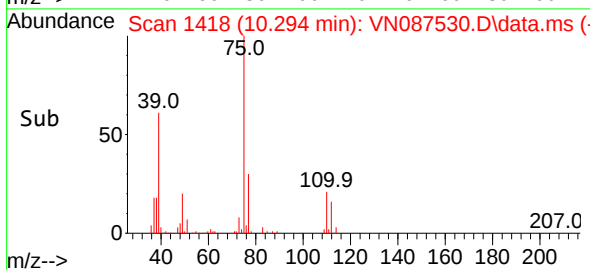
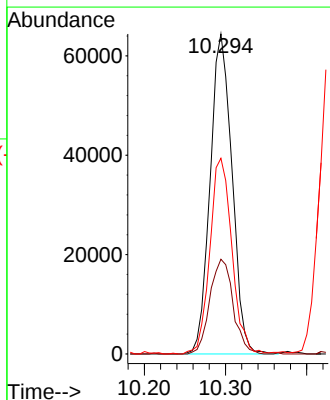
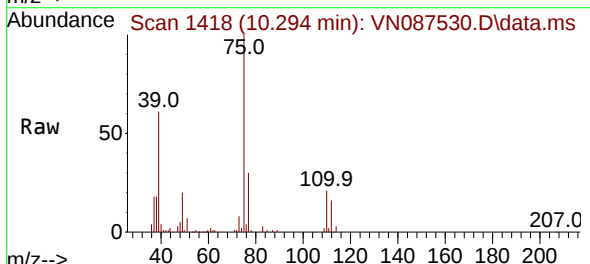
Manual Integrations
APPROVED

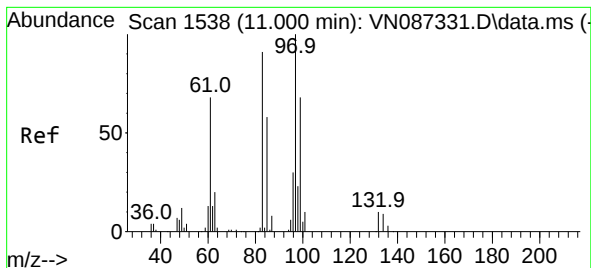
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#54
cis-1,3-Dichloropropene
Concen: 19.958 ug/l
RT: 10.294 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VN087530.D
Acq: 13 Aug 2025 13:23

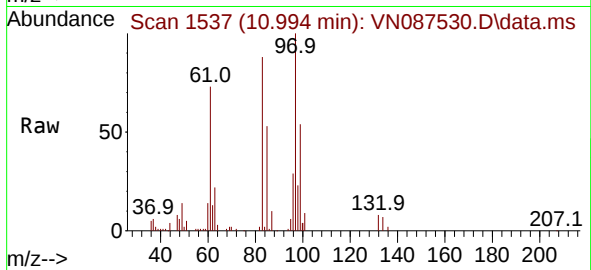
Tgt Ion: 75 Resp: 120668
Ion Ratio Lower Upper
75 100
77 29.6 24.2 36.2
39 61.1 38.4 57.6#





#55
1,1,2-Trichloroethane
Concen: 19.125 ug/l
RT: 10.994 min Scan# 1537
Delta R.T. -0.006 min
Lab File: VN087530.D
Acq: 13 Aug 2025 13:23

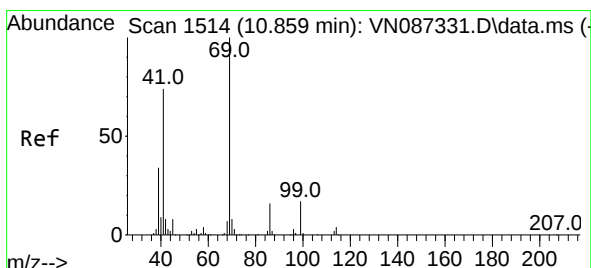
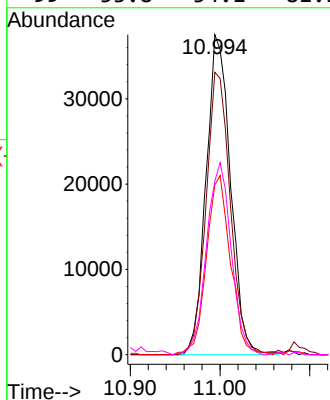
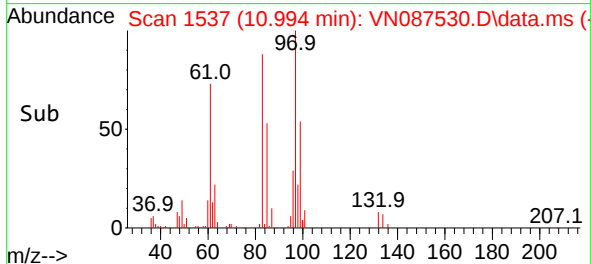
Instrument :
MSVOA_N
ClientSampleId :
VN0813WBSD01



Tgt Ion: 97 Resp: 7103
Ion Ratio Lower Upper
97 100
83 88.2 72.6 109.0
85 52.3 46.7 70.1
99 53.8 54.1 81.1#

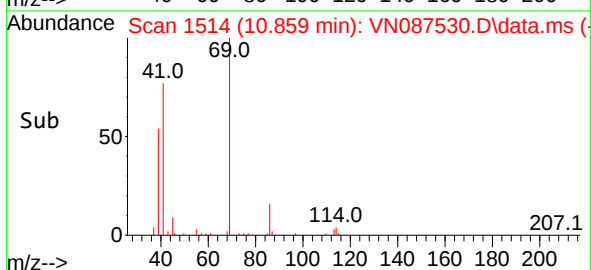
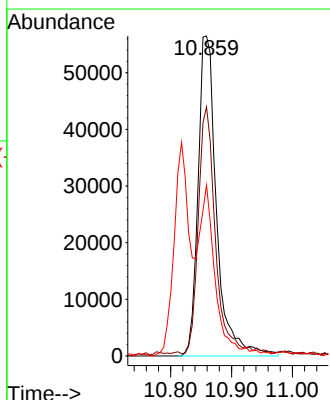
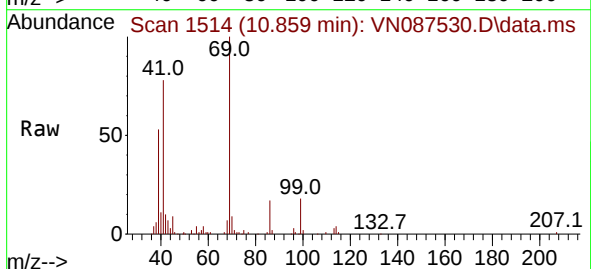
Manual Integrations
APPROVED

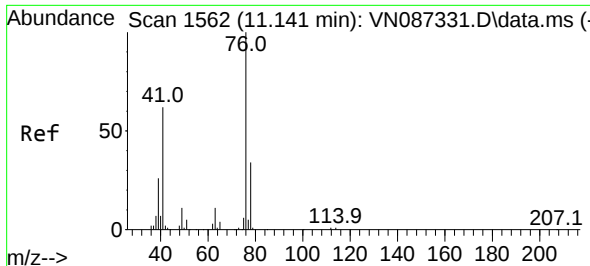
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#56
Ethyl methacrylate
Concen: 19.958 ug/l
RT: 10.859 min Scan# 1514
Delta R.T. -0.000 min
Lab File: VN087530.D
Acq: 13 Aug 2025 13:23

Tgt Ion: 69 Resp: 119790
Ion Ratio Lower Upper
69 100
41 71.6 55.1 82.7
39 43.6 27.9 41.9#





#57

1,3-Dichloropropane

Concen: 19.584 ug/l

RT: 11.147 min Scan# 1563

Delta R.T. 0.006 min

Lab File: VN087530.D

Acq: 13 Aug 2025 13:23

Instrument :

MSVOA_N

ClientSampleId :

VN0813WBSD01

Tgt Ion: 76 Resp: 12576

Ion Ratio Lower Upper

76 100

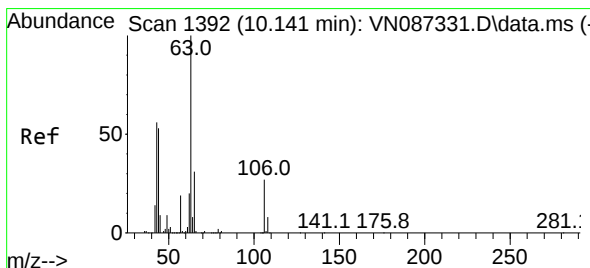
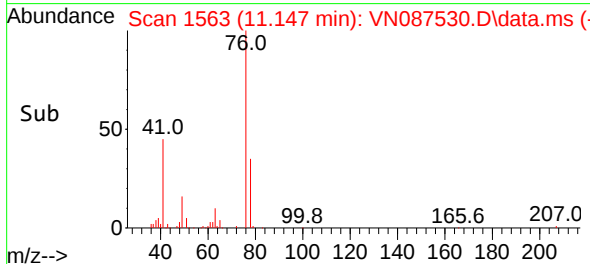
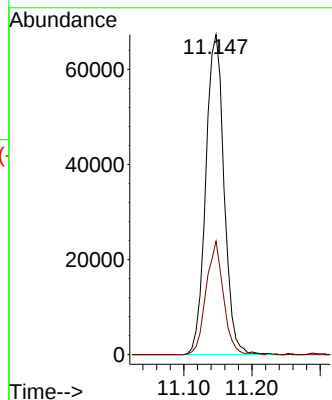
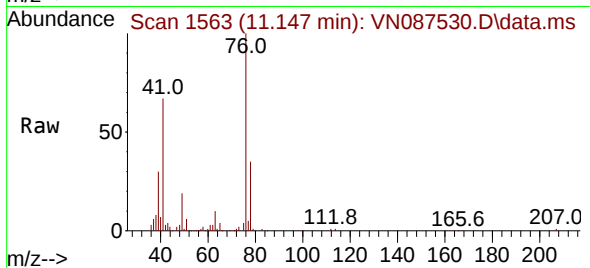
78 33.7 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/14/2025

Supervised By :Mahesh Dadoda 08/18/2025



#58

2-Chloroethyl Vinyl ether

Concen: 111.937 ug/l

RT: 10.141 min Scan# 1392

Delta R.T. 0.000 min

Lab File: VN087530.D

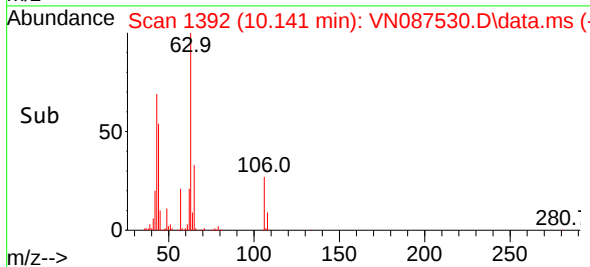
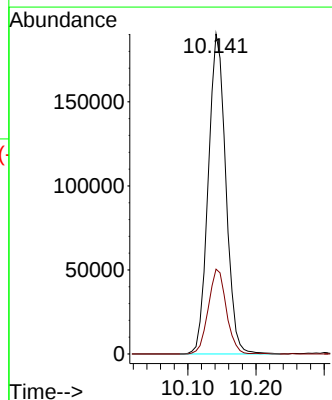
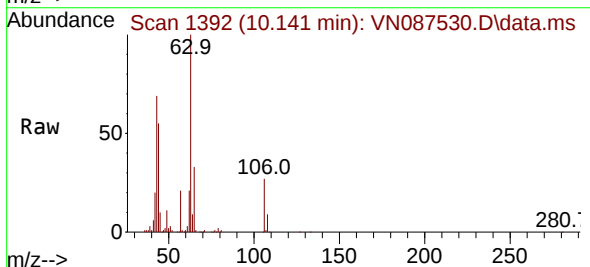
Acq: 13 Aug 2025 13:23

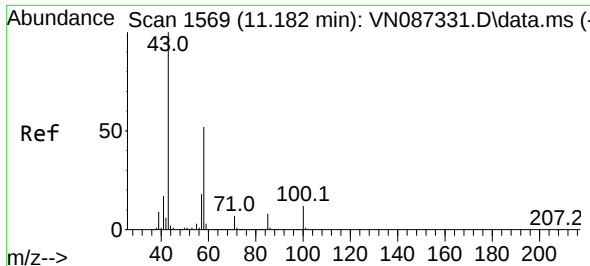
Tgt Ion: 63 Resp: 341037

Ion Ratio Lower Upper

63 100

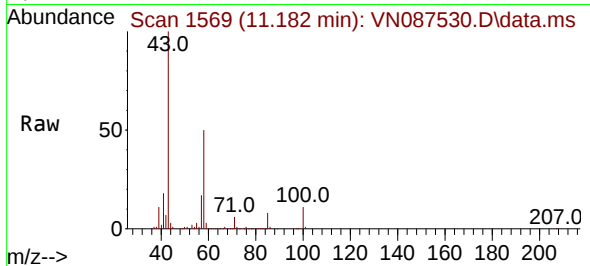
106 27.2 21.7 32.5





#59
2-Hexanone
Concen: 98.981 ug/l
RT: 11.182 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VN087530.D
Acq: 13 Aug 2025 13:23

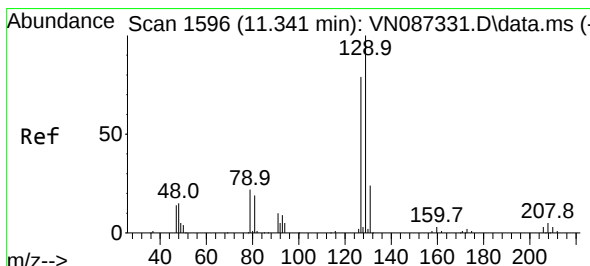
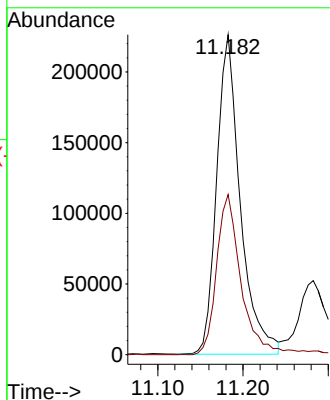
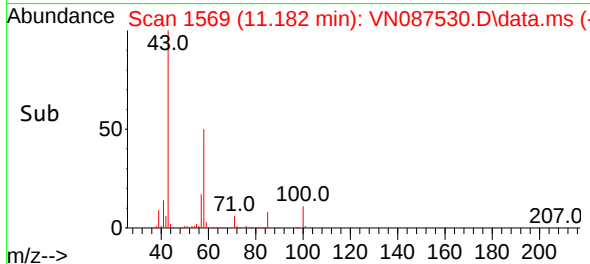
Instrument :
MSVOA_N
ClientSampleId :
VN0813WBSD01



Tgt Ion: 43 Resp: 43484
Ion Ratio Lower Upper
43 100
58 52.8 26.7 80.0

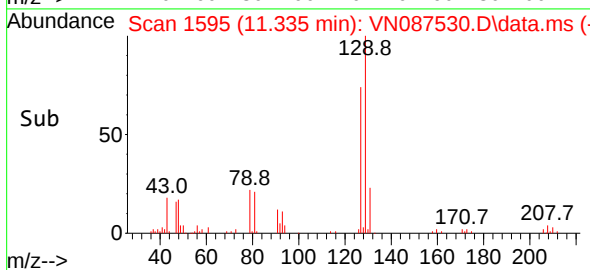
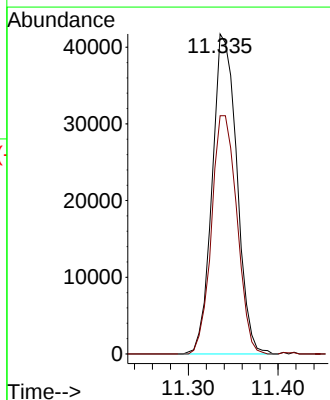
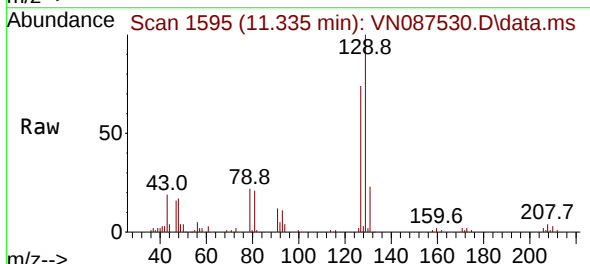
Manual Integrations
APPROVED

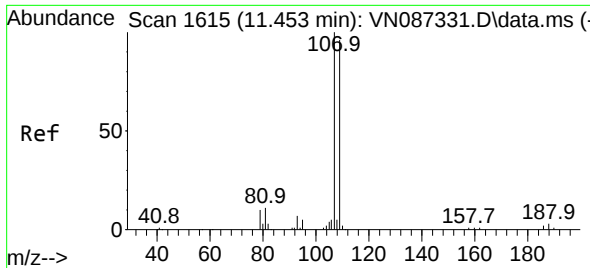
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#60
Dibromochloromethane
Concen: 18.765 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. -0.006 min
Lab File: VN087530.D
Acq: 13 Aug 2025 13:23

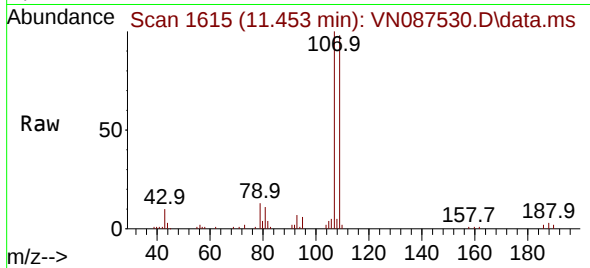
Tgt Ion:129 Resp: 79483
Ion Ratio Lower Upper
129 100
127 76.7 39.1 117.5





#61
1,2-Dibromoethane
Concen: 19.374 ug/l
RT: 11.453 min Scan# 1615
Delta R.T. 0.000 min
Lab File: VN087530.D
Acq: 13 Aug 2025 13:23

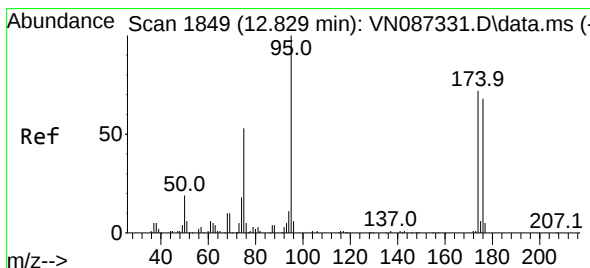
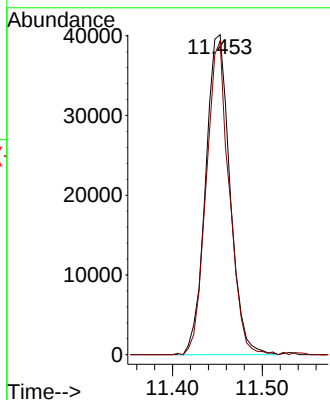
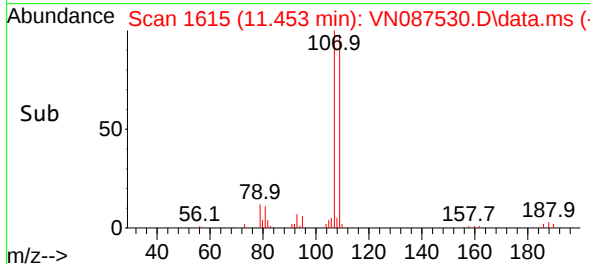
Instrument :
MSVOA_N
ClientSampleId :
VN0813WBSD01



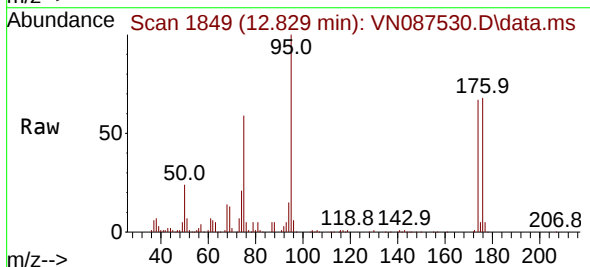
Tgt Ion:107 Resp: 75658
Ion Ratio Lower Upper
107 100
109 92.5 77.5 116.3

Manual Integrations
APPROVED

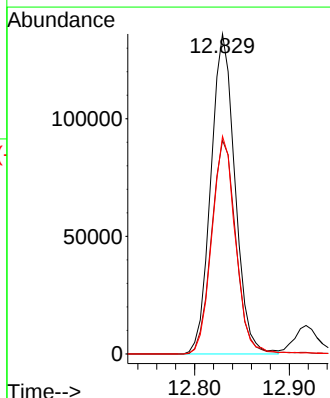
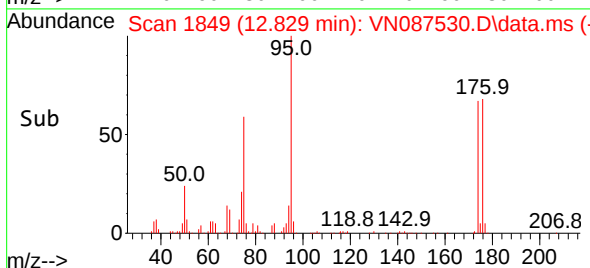
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

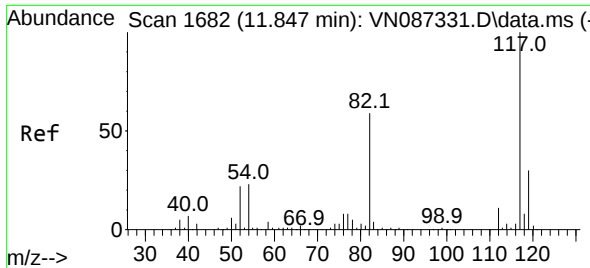


#62
4-Bromofluorobenzene
Concen: 51.682 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN087530.D
Acq: 13 Aug 2025 13:23



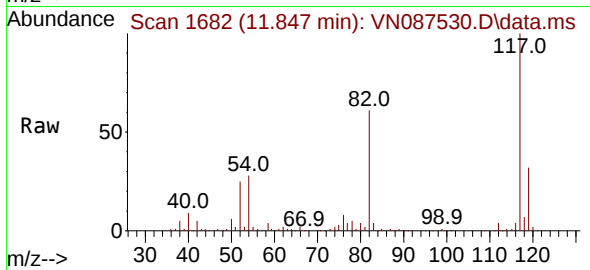
Tgt Ion: 95 Resp: 240746
Ion Ratio Lower Upper
95 100
174 67.4 0.0 149.4
176 66.9 0.0 141.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN087530.D
Acq: 13 Aug 2025 13:23

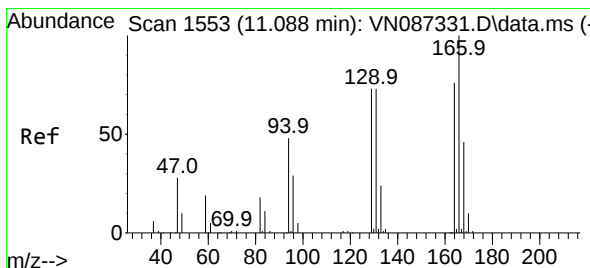
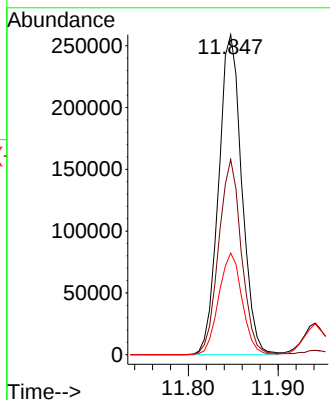
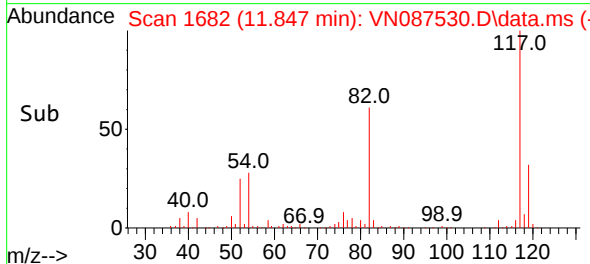
Instrument :
MSVOA_N
ClientSampleId :
VN0813WBSD01



Tgt Ion:117 Resp: 46425
Ion Ratio Lower Upper
117 100
82 61.0 47.4 71.2
119 31.8 23.8 35.8

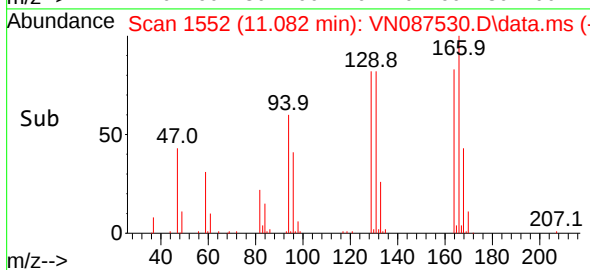
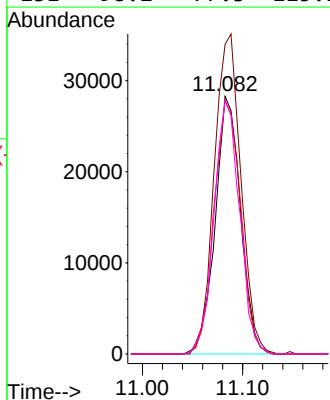
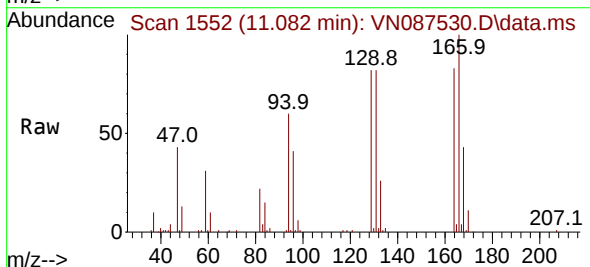
Manual Integrations
APPROVED

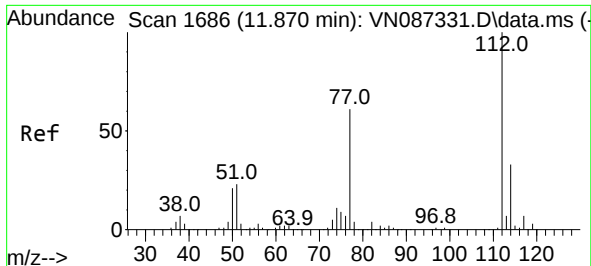
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#64
Tetrachloroethene
Concen: 16.635 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. -0.006 min
Lab File: VN087530.D
Acq: 13 Aug 2025 13:23

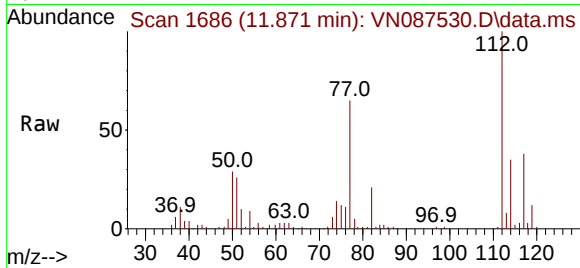
Tgt Ion:164 Resp: 49705
Ion Ratio Lower Upper
164 100
166 120.2 105.5 158.3
129 98.4 77.4 116.2
131 98.2 77.3 115.9





#65
Chlorobenzene
Concen: 17.787 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN087530.D
Acq: 13 Aug 2025 13:23

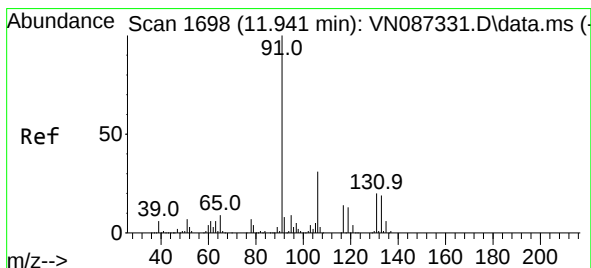
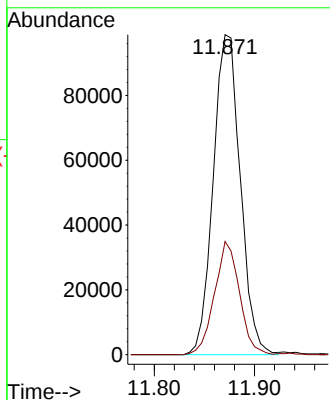
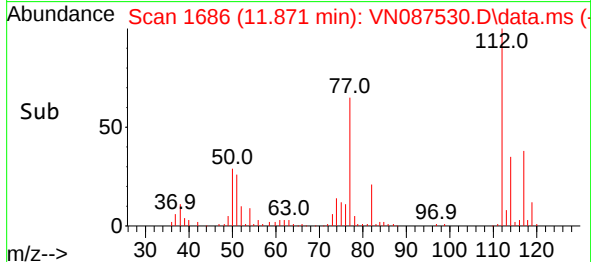
Instrument :
MSVOA_N
ClientSampleId :
VN0813WBSD01



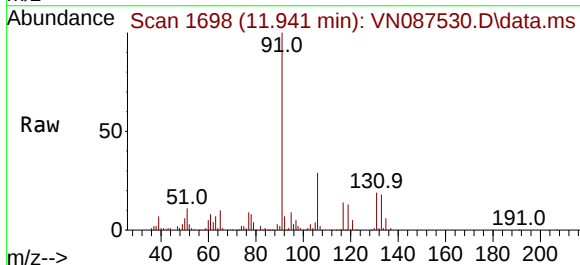
Tgt Ion:112 Resp: 185394
Ion Ratio Lower Upper
112 100
114 35.3 26.5 39.7

Manual Integrations
APPROVED

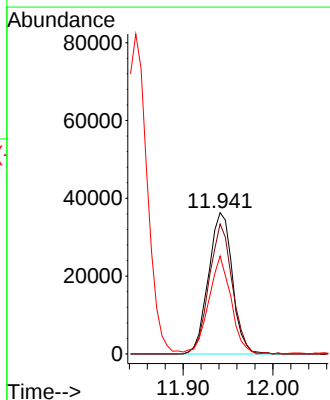
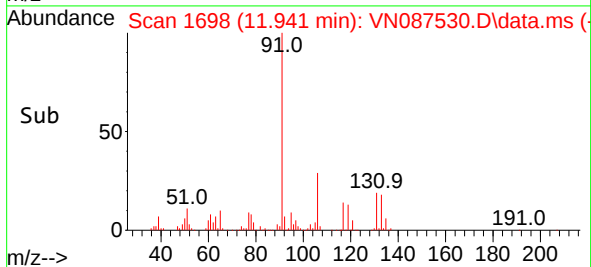
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

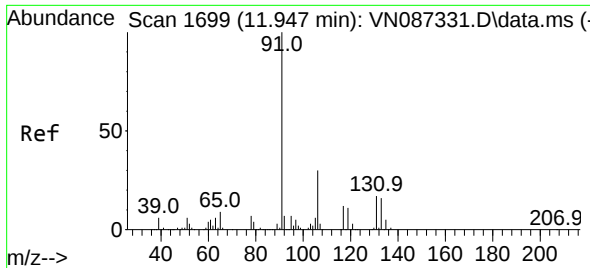


#66
1,1,1,2-Tetrachloroethane
Concen: 18.862 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN087530.D
Acq: 13 Aug 2025 13:23



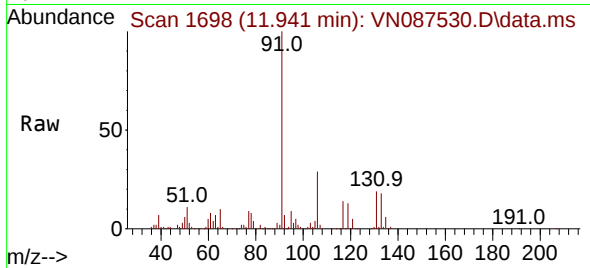
Tgt Ion:131 Resp: 66848
Ion Ratio Lower Upper
131 100
133 90.2 47.4 142.3
119 64.1 33.1 99.2





#67
Ethyl Benzene
Concen: 19.562 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.006 min
Lab File: VN087530.D
Acq: 13 Aug 2025 13:23

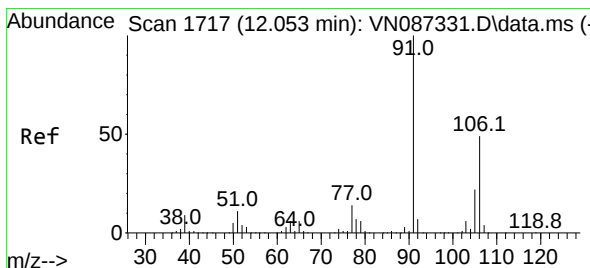
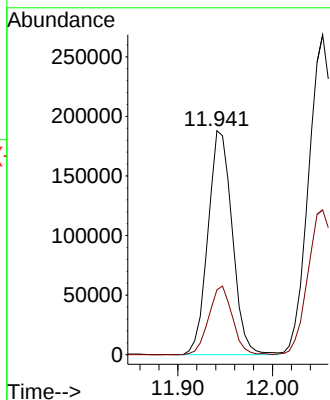
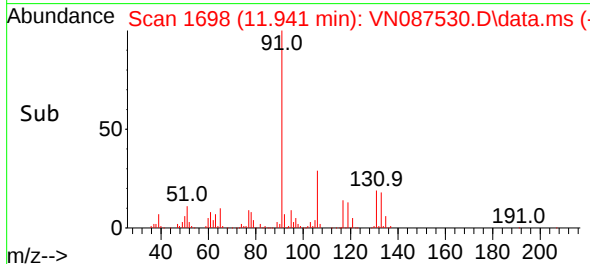
Instrument :
MSVOA_N
ClientSampleId :
VN0813WBSD01



Tgt Ion: 91 Resp: 335652
Ion Ratio Lower Upper
91 100
106 29.0 24.3 36.5

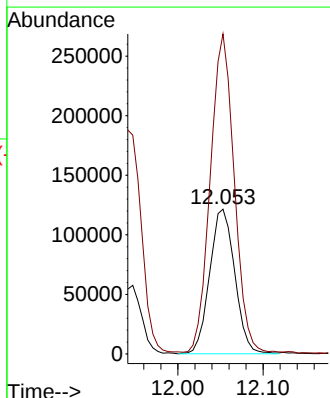
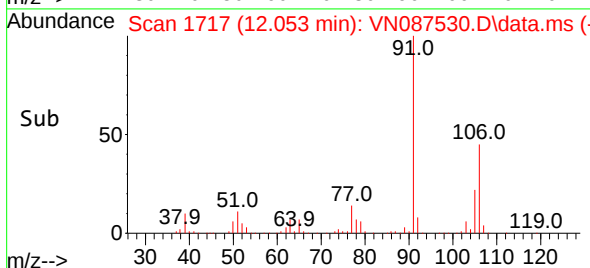
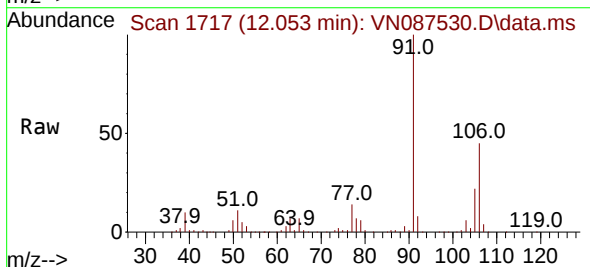
Manual Integrations
APPROVED

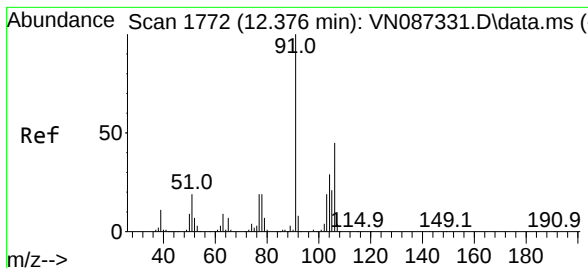
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#68
m/p-Xylenes
Concen: 38.658 ug/l
RT: 12.053 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VN087530.D
Acq: 13 Aug 2025 13:23

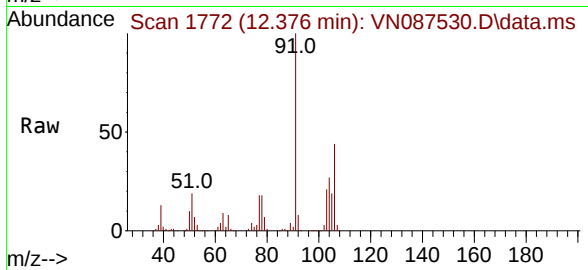
Tgt Ion:106 Resp: 248384
Ion Ratio Lower Upper
106 100
91 212.8 162.0 243.0





#69
o-Xylene
Concen: 19.637 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VN087530.D
Acq: 13 Aug 2025 13:23

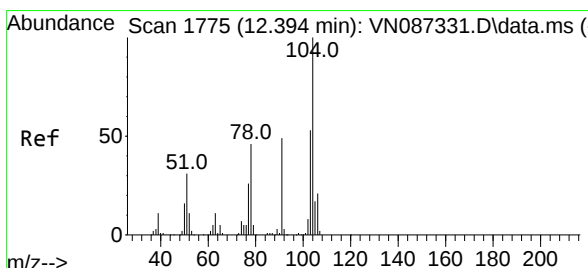
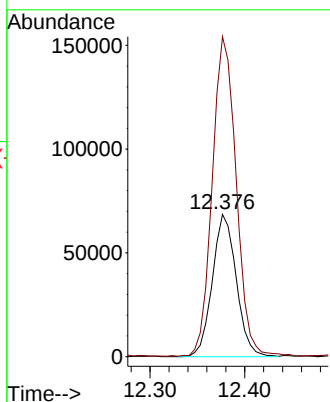
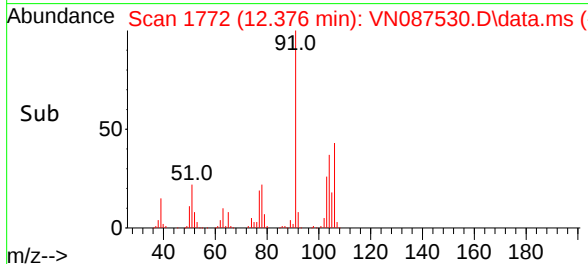
Instrument :
MSVOA_N
ClientSampleId :
VN0813WBSD01



Tgt Ion:106 Resp: 120524
Ion Ratio Lower Upper
106 100
91 224.2 107.7 323.3

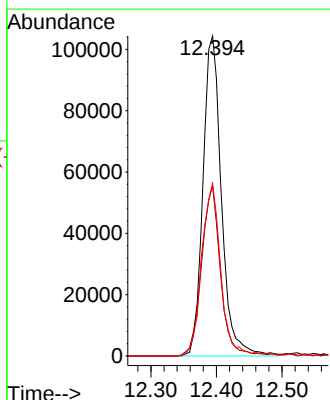
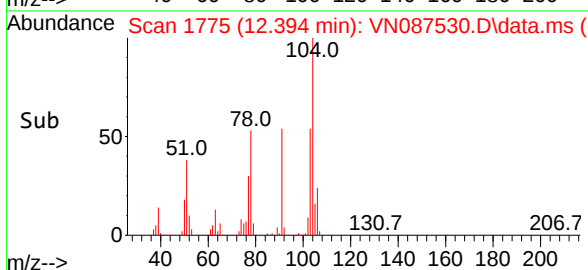
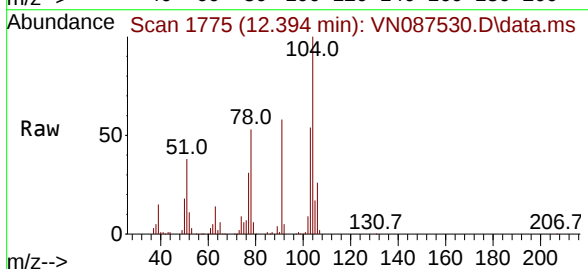
Manual Integrations
APPROVED

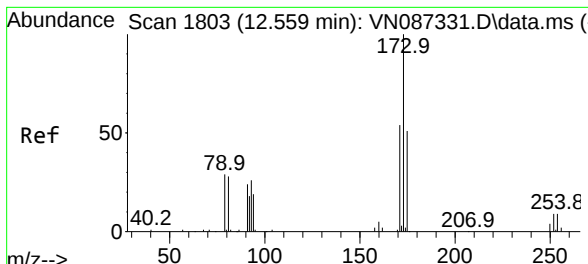
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#70
Styrene
Concen: 19.838 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN087530.D
Acq: 13 Aug 2025 13:23

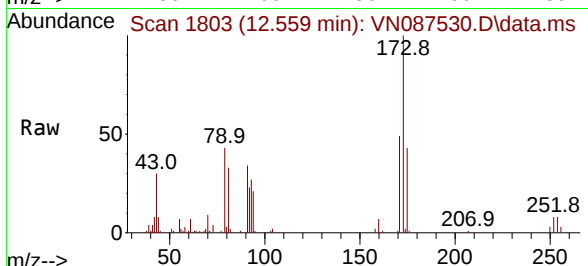
Tgt Ion:104 Resp: 204820
Ion Ratio Lower Upper
104 100
78 54.0 41.0 61.6
103 55.3 43.9 65.9





#71
 Bromoform
 Concen: 17.755 ug/l
 RT: 12.559 min Scan# 1803
 Delta R.T. 0.000 min
 Lab File: VN087530.D
 Acq: 13 Aug 2025 13:23

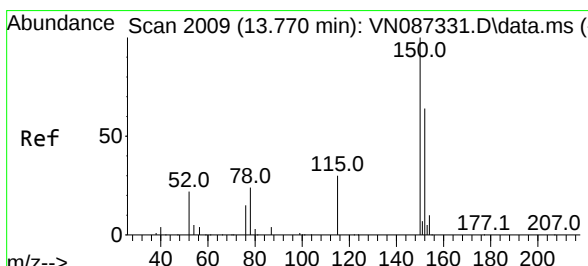
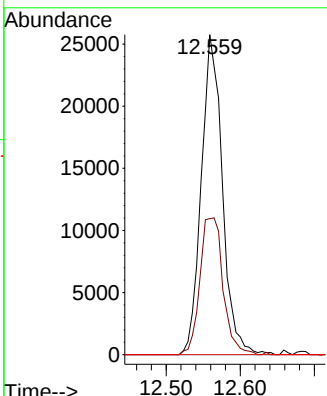
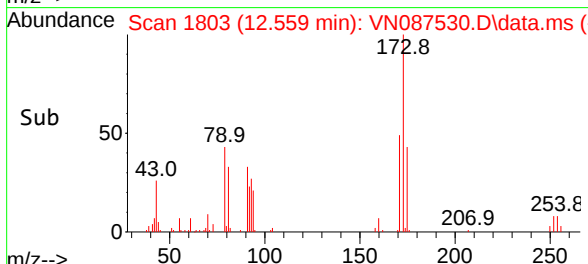
Instrument : MSVOA_N
 ClientSampleId : VN0813WBSD01



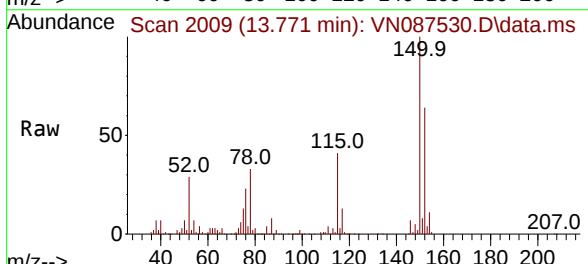
Tgt Ion:	173	Resp:	5083
Ion Ratio	Lower	Upper	
173	100		
175	47.1	24.1	72.3
254	0.0	0.0	0.0

Manual Integrations
 APPROVED

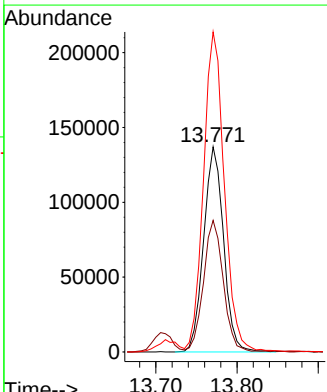
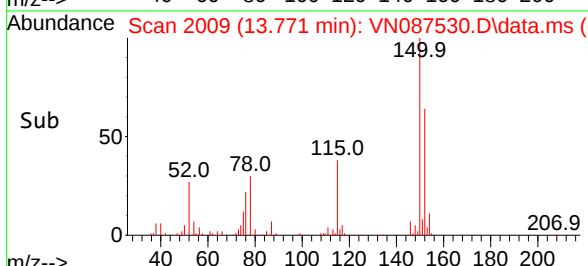
Reviewed By :John Carlone 08/14/2025
 Supervised By :Mahesh Dadoda 08/18/2025

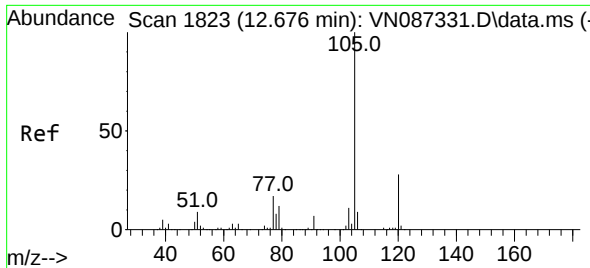


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.771 min Scan# 2009
 Delta R.T. 0.000 min
 Lab File: VN087530.D
 Acq: 13 Aug 2025 13:23



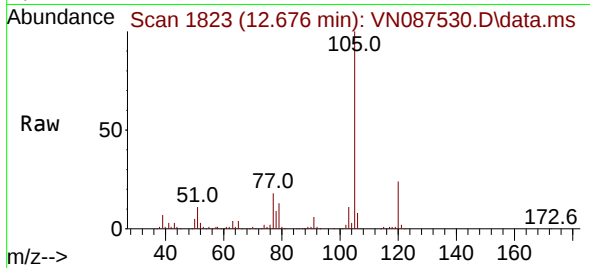
Tgt Ion:	152	Resp:	233575
Ion Ratio	Lower	Upper	
152	100		
115	63.5	31.1	93.5
150	162.5	0.0	349.0





#73
Isopropylbenzene
Concen: 21.497 ug/l
RT: 12.676 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087530.D
Acq: 13 Aug 2025 13:23

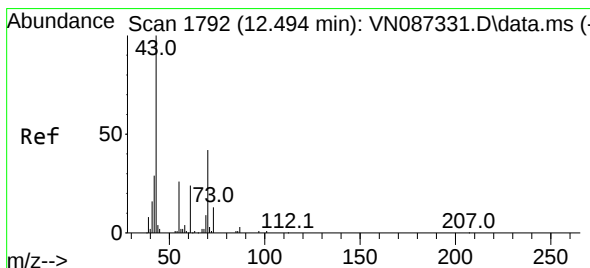
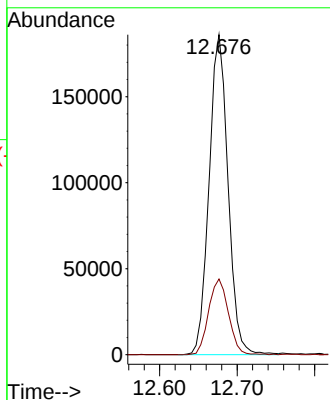
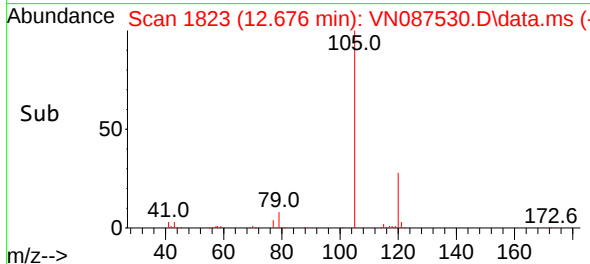
Instrument :
MSVOA_N
ClientSampleId :
VN0813WBSD01



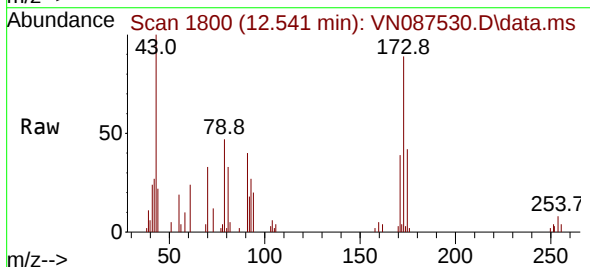
Tgt Ion:105 Resp: 316020
Ion Ratio Lower Upper
105 100
120 24.7 13.4 40.1

Manual Integrations
APPROVED

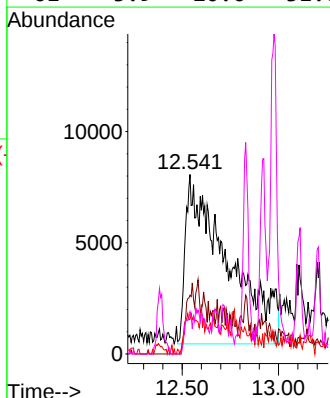
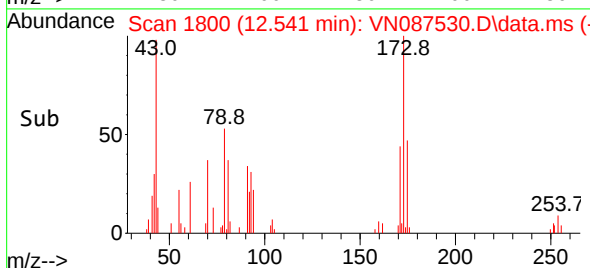
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

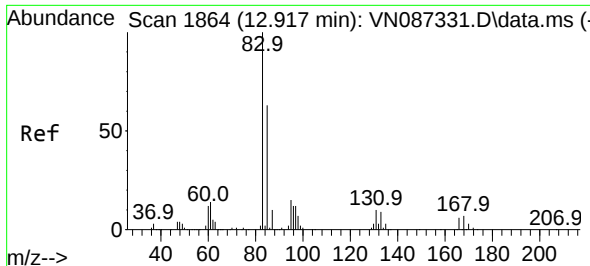


#74
N-ethyl acetate
Concen: 18.893 ug/l m
RT: 12.541 min Scan# 1800
Delta R.T. 0.047 min
Lab File: VN087530.D
Acq: 13 Aug 2025 13:23



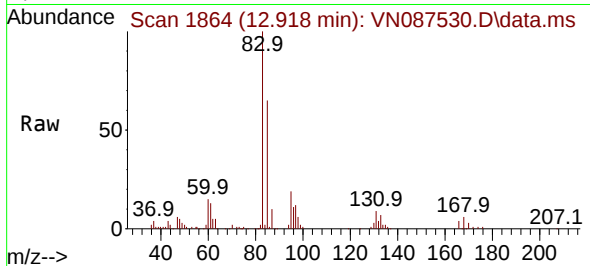
Tgt Ion: 43 Resp: 115395
Ion Ratio Lower Upper
43 100
70 7.5 37.6 56.4#
55 0.0 19.6 29.4#
61 3.9 20.6 31.0#





#75
1,1,2,2-Tetrachloroethane
Concen: 20.697 ug/l
RT: 12.918 min Scan# 1864
Delta R.T. 0.000 min
Lab File: VN087530.D
Acq: 13 Aug 2025 13:23

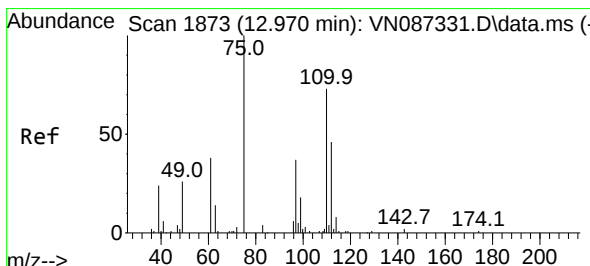
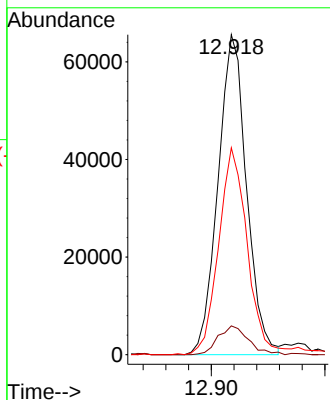
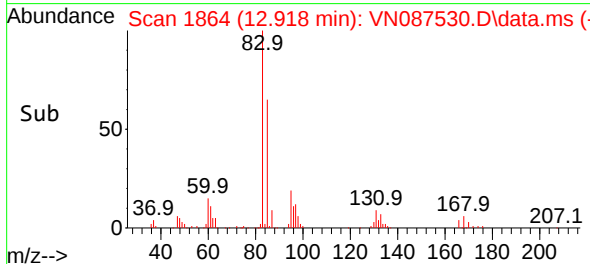
Instrument :
MSVOA_N
ClientSampleId :
VN0813WBSD01



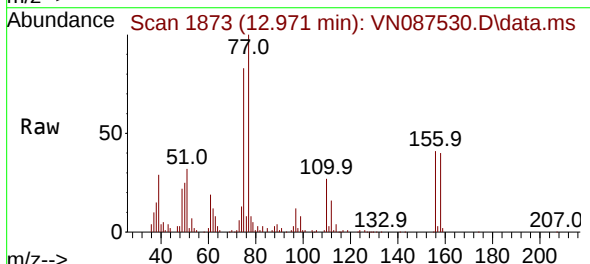
Tgt Ion: 83 Resp: 114480
Ion Ratio Lower Upper
83 100
131 9.7 5.1 15.3
85 66.8 32.5 97.4

Manual Integrations
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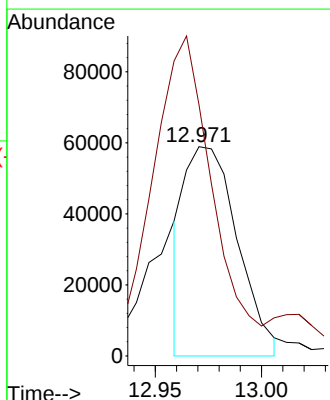
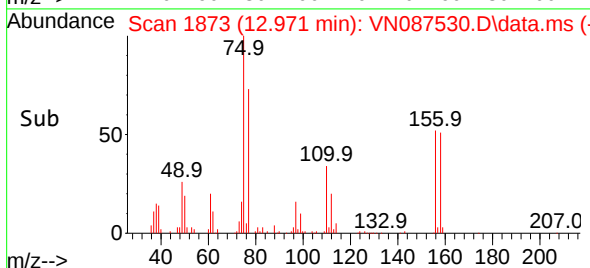
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

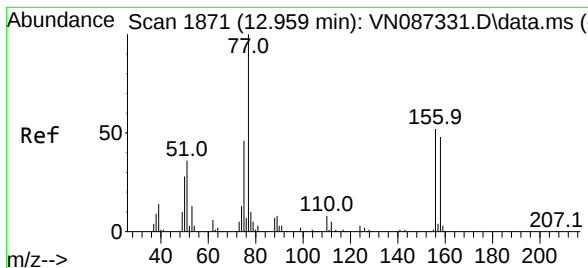


#76
1,2,3-Trichloropropane
Concen: 19.511 ug/l m
RT: 12.971 min Scan# 1873
Delta R.T. 0.000 min
Lab File: VN087530.D
Acq: 13 Aug 2025 13:23



Tgt Ion: 75 Resp: 102194
Ion Ratio Lower Upper
75 100
77 174.8 94.5 283.6





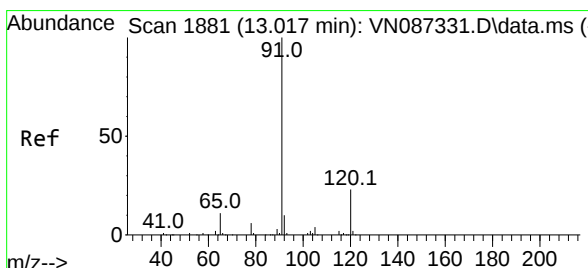
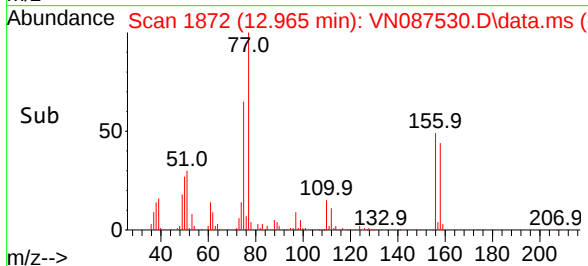
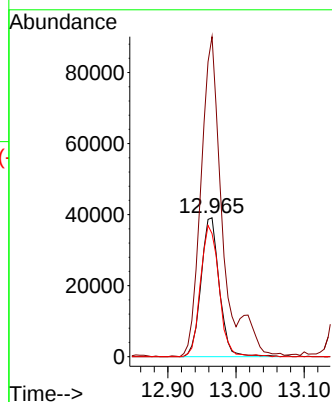
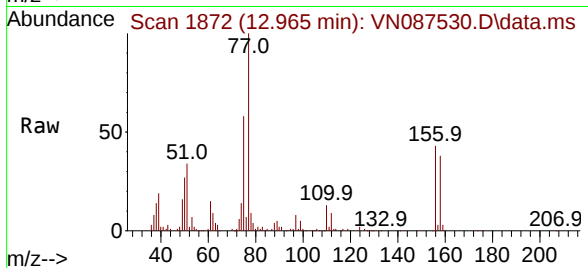
#77
Bromobenzene
Concen: 19.111 ug/l
RT: 12.965 min Scan# 1872
Delta R.T. 0.006 min
Lab File: VN087530.D
Acq: 13 Aug 2025 13:23

Instrument :
MSVOA_N
ClientSampleId :
VN0813WBSD01

Tgt Ion:156 Resp: 72862
Ion Ratio Lower Upper
156 100
77 245.2 114.9 344.6
158 96.1 48.5 145.5

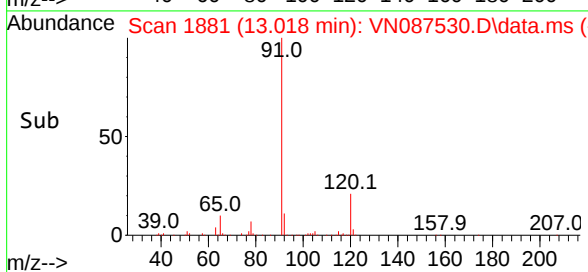
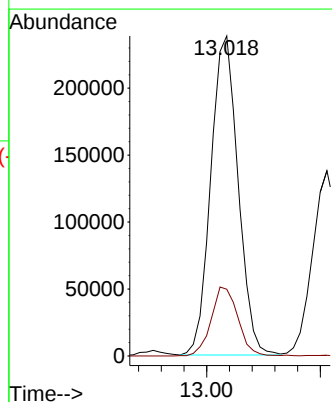
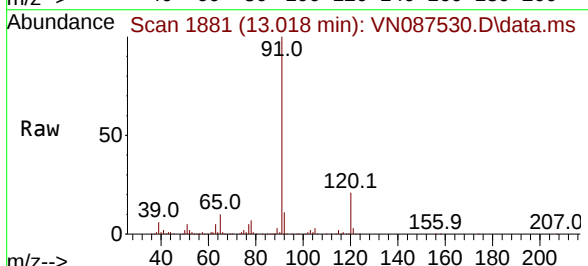
Manual Integrations
APPROVED

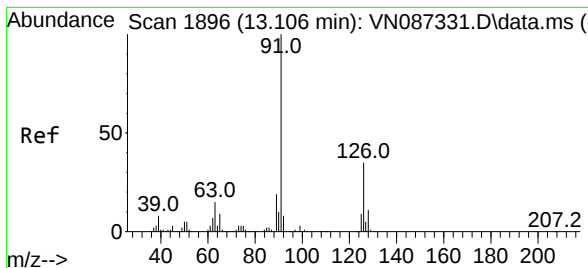
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#78
n-propylbenzene
Concen: 21.518 ug/l
RT: 13.018 min Scan# 1881
Delta R.T. 0.000 min
Lab File: VN087530.D
Acq: 13 Aug 2025 13:23

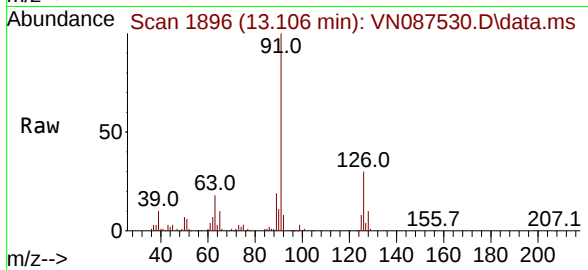
Tgt Ion: 91 Resp: 397991
Ion Ratio Lower Upper
91 100
120 21.3 11.3 33.8





#79
2-Chlorotoluene
Concen: 20.578 ug/l
RT: 13.106 min Scan# 1896
Delta R.T. 0.000 min
Lab File: VN087530.D
Acq: 13 Aug 2025 13:23

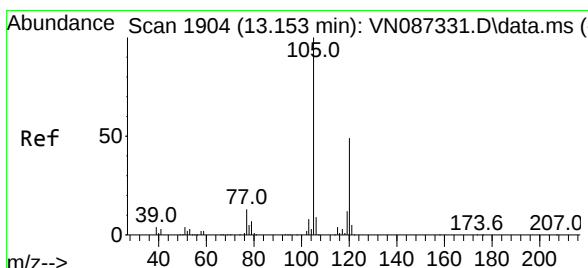
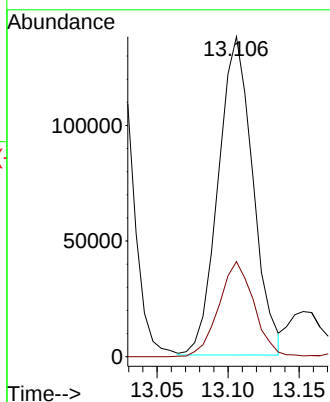
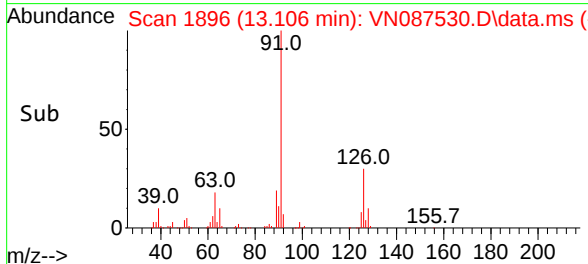
Instrument :
MSVOA_N
ClientSampleId :
VN0813WBSD01



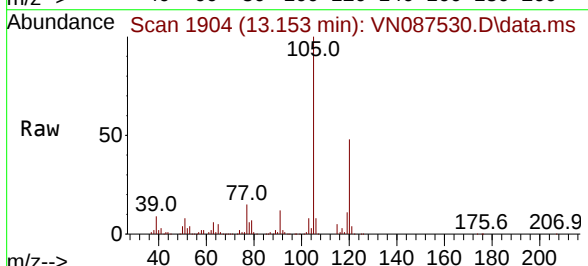
Tgt Ion: 91 Resp: 233909
Ion Ratio Lower Upper
91 100
126 30.2 16.9 50.6

Manual Integrations
APPROVED

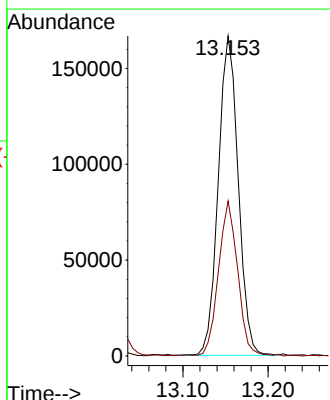
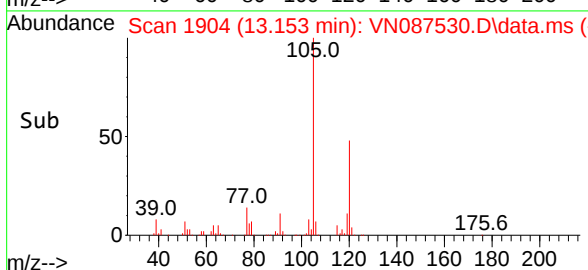
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

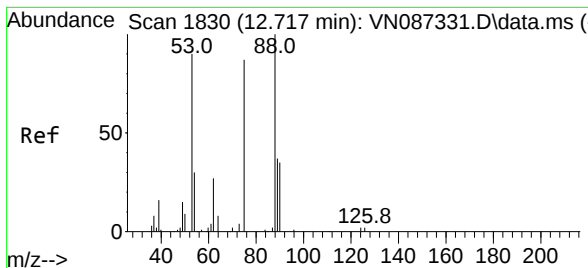


#80
1,3,5-Trimethylbenzene
Concen: 21.683 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VN087530.D
Acq: 13 Aug 2025 13:23



Tgt Ion:105 Resp: 271593
Ion Ratio Lower Upper
105 100
120 46.1 24.3 72.8





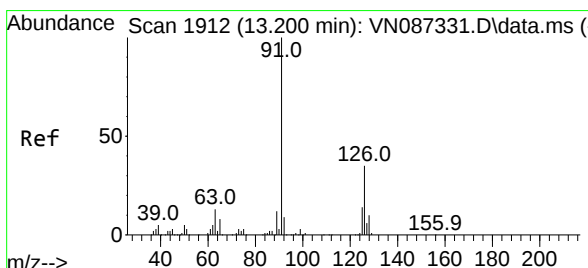
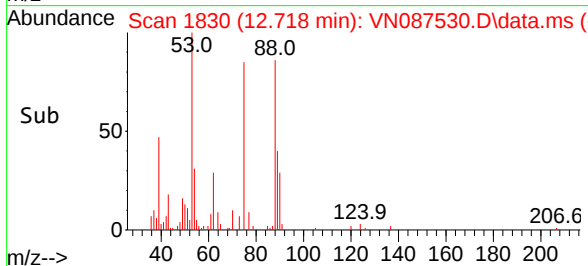
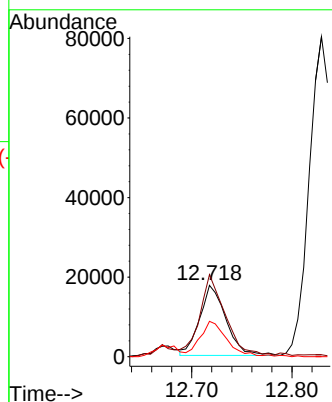
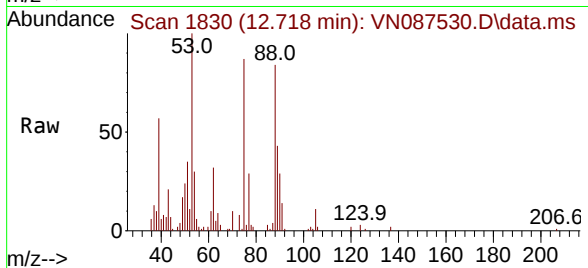
#81
trans-1,4-Dichloro-2-butene
Concen: 16.778 ug/l
RT: 12.718 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN087530.D
Acq: 13 Aug 2025 13:23

Instrument :
MSVOA_N
ClientSampleId :
VN0813WBSD01

Tgt Ion: 75 Resp: 32118
Ion Ratio Lower Upper
75 100
53 112.7 83.5 125.3
89 52.1 38.4 57.6

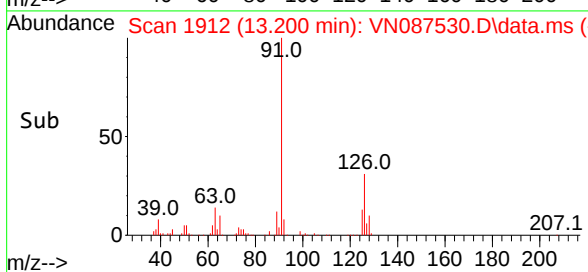
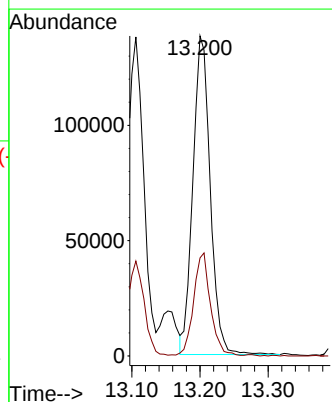
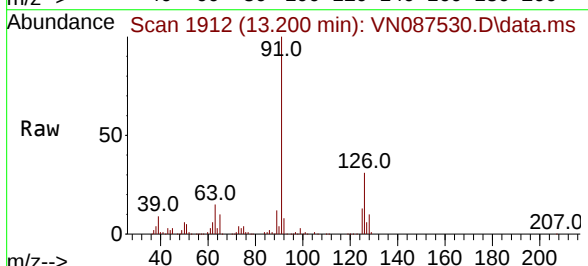
Manual Integrations
APPROVED

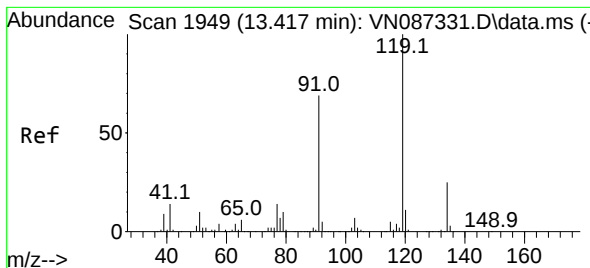
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#82
4-Chlorotoluene
Concen: 20.570 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VN087530.D
Acq: 13 Aug 2025 13:23

Tgt Ion: 91 Resp: 243438
Ion Ratio Lower Upper
91 100
126 31.2 16.6 49.7





#83

tert-Butylbenzene

Concen: 21.772 ug/l

RT: 13.418 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VN087530.D

Acq: 13 Aug 2025 13:23

Instrument :

MSVOA_N

ClientSampleId :

VN0813WBSD01

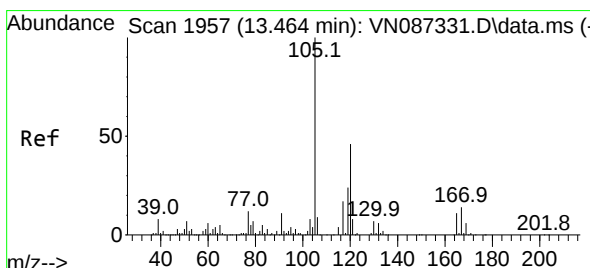
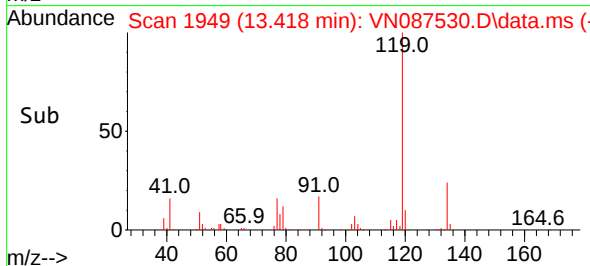
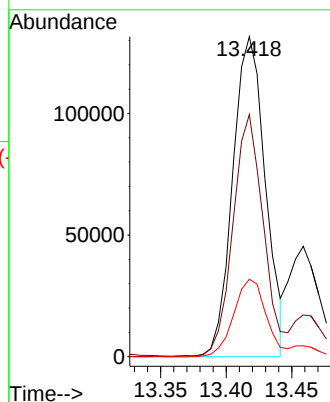
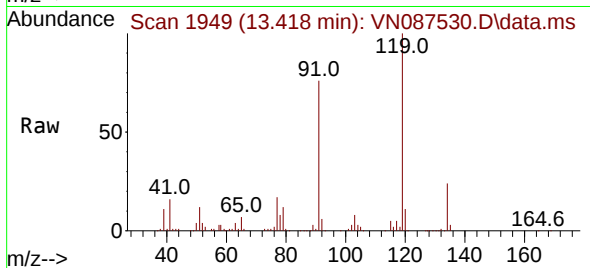
Tgt Ion:119 Resp: 22776
 Ion Ratio Lower Upper
 119 100
 91 70.9 35.0 105.1
 134 24.1 12.6 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/14/2025

Supervised By :Mahesh Dadoda 08/18/2025



#84

1,2,4-Trimethylbenzene

Concen: 21.494 ug/l

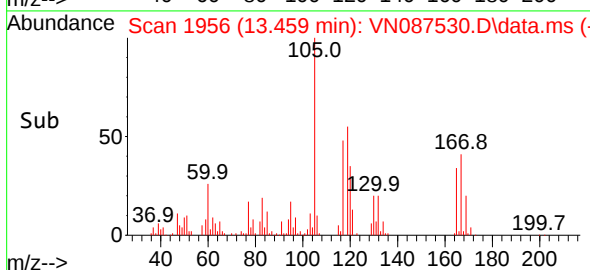
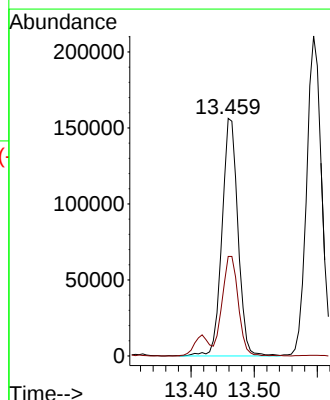
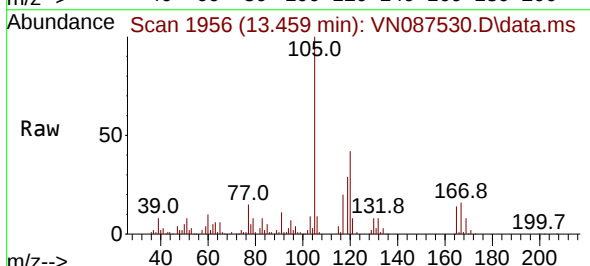
RT: 13.459 min Scan# 1956

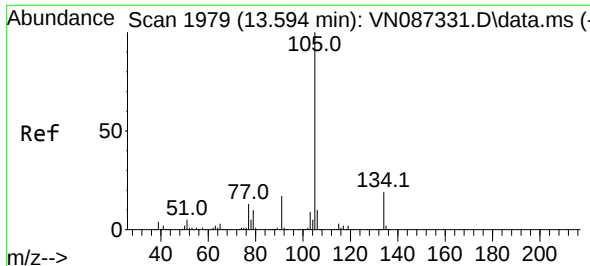
Delta R.T. -0.006 min

Lab File: VN087530.D

Acq: 13 Aug 2025 13:23

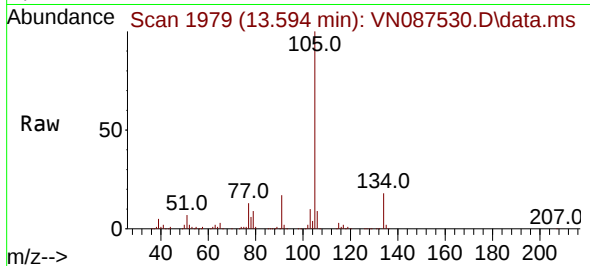
Tgt Ion:105 Resp: 274928
 Ion Ratio Lower Upper
 105 100
 120 42.0 22.8 68.3





#85
 sec-Butylbenzene
 Concen: 22.011 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VN087530.D
 Acq: 13 Aug 2025 13:23

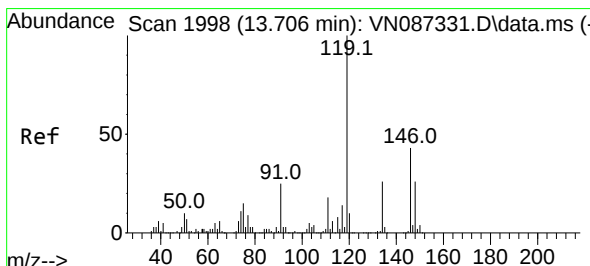
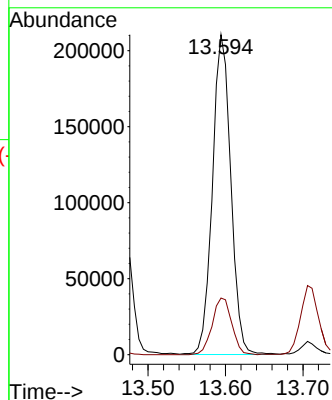
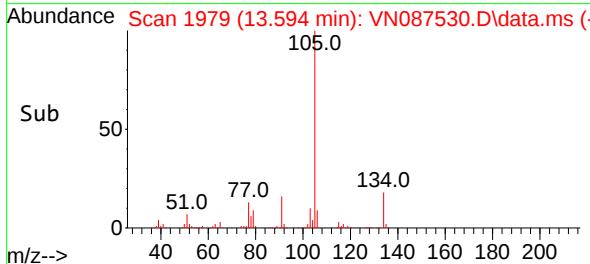
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0813WBSD01



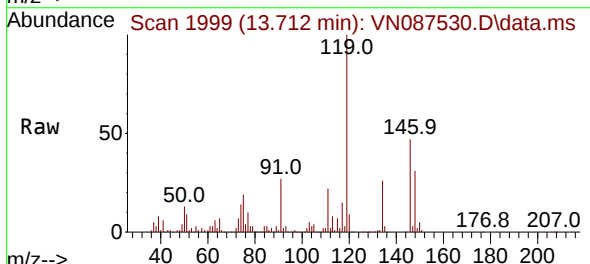
Tgt Ion:105 Resp: 34684
 Ion Ratio Lower Upper
 105 100
 134 18.8 9.8 29.4

Manual Integrations
 APPROVED

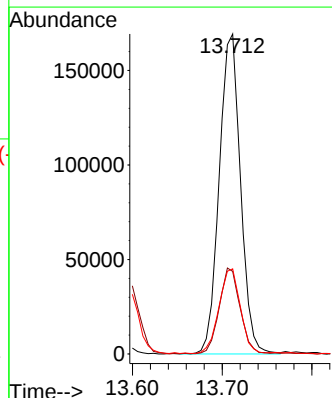
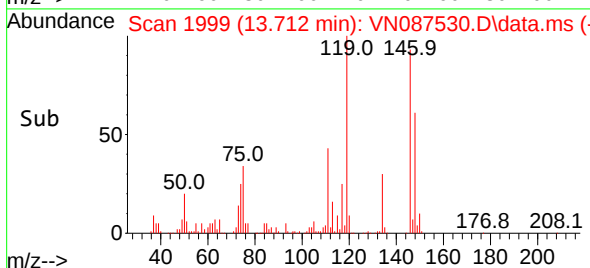
Reviewed By :John Carlone 08/14/2025
 Supervised By :Mahesh Dadoda 08/18/2025

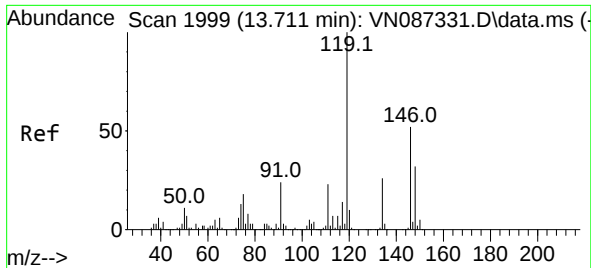


#86
 p-Isopropyltoluene
 Concen: 22.115 ug/l
 RT: 13.712 min Scan# 1999
 Delta R.T. 0.006 min
 Lab File: VN087530.D
 Acq: 13 Aug 2025 13:23



Tgt Ion:119 Resp: 279271
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.5 40.5
 91 26.4 12.2 36.6





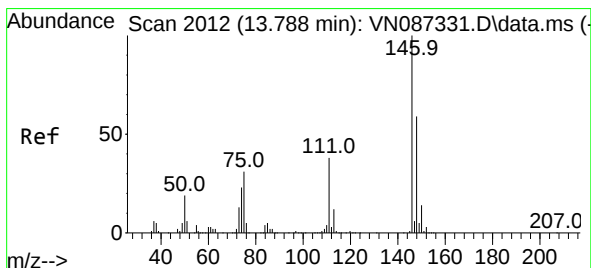
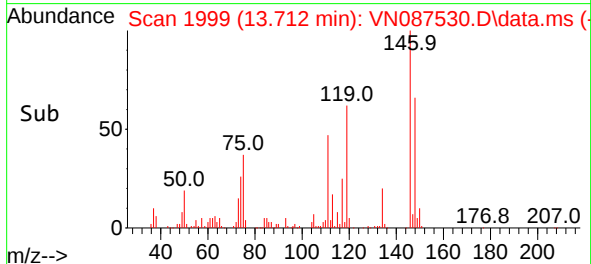
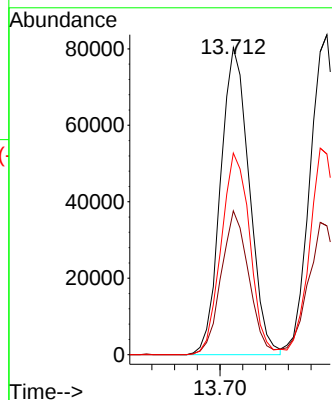
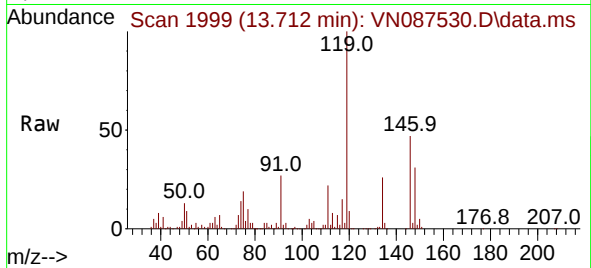
#87
1,3-Dichlorobenzene
Concen: 18.855 ug/l
RT: 13.712 min Scan# 1999
Delta R.T. 0.000 min
Lab File: VN087530.D
Acq: 13 Aug 2025 13:23

Instrument :
MSVOA_N
ClientSampleId :
VN0813WBSD01

Tgt Ion:146 Resp: 14108
Ion Ratio Lower Upper
146 100
111 44.9 21.4 64.3
148 65.8 31.6 95.0

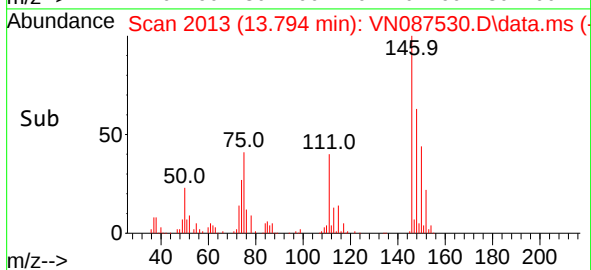
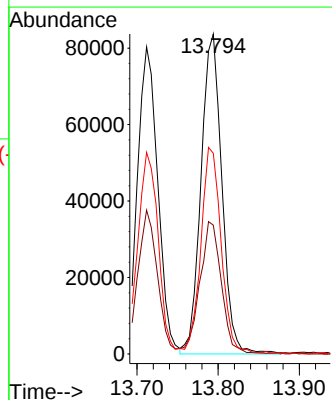
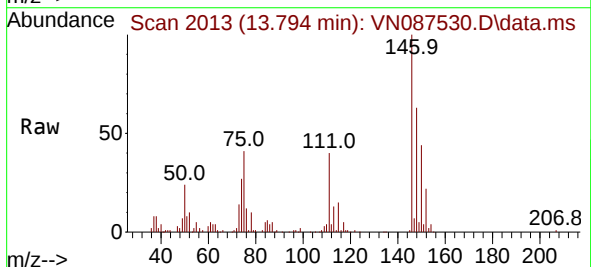
Manual Integrations
APPROVED

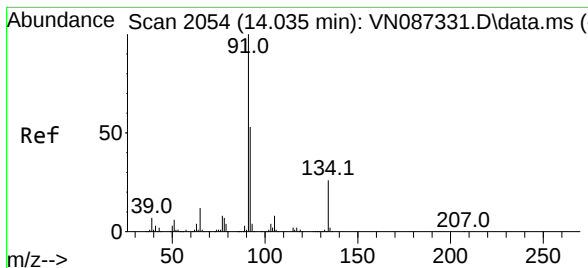
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#88
1,4-Dichlorobenzene
Concen: 18.707 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.006 min
Lab File: VN087530.D
Acq: 13 Aug 2025 13:23

Tgt Ion:146 Resp: 149500
Ion Ratio Lower Upper
146 100
111 42.4 19.6 58.7
148 61.9 31.4 94.0





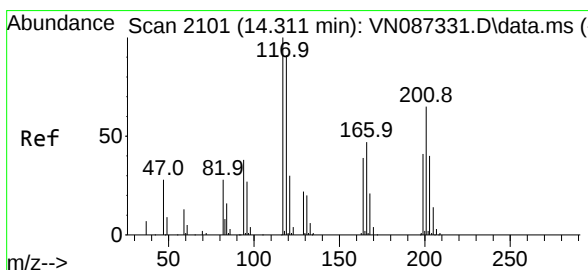
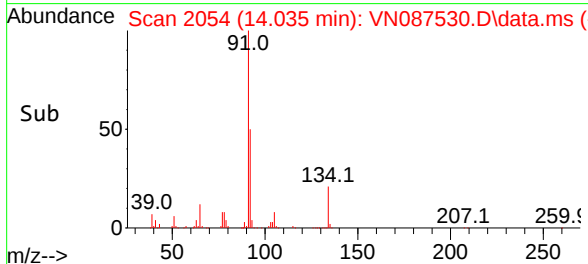
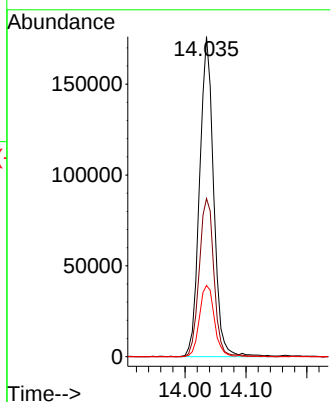
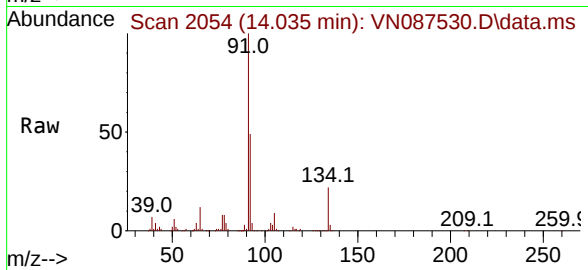
#89
n-Butylbenzene
Concen: 23.470 ug/l
RT: 14.035 min Scan# 2054
Delta R.T. 0.000 min
Lab File: VN087530.D
Acq: 13 Aug 2025 13:23

Instrument :
MSVOA_N
ClientSampleId :
VN0813WBSD01

Tgt Ion: 91 Resp: 283000
Ion Ratio Lower Upper
91 100
92 51.7 26.2 78.6
134 23.8 12.4 37.2

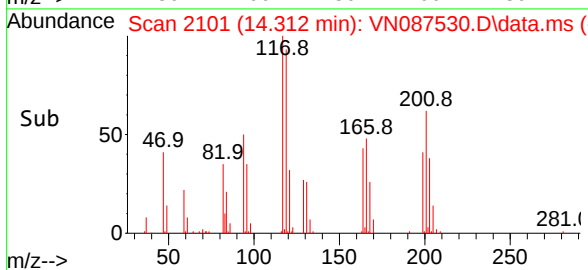
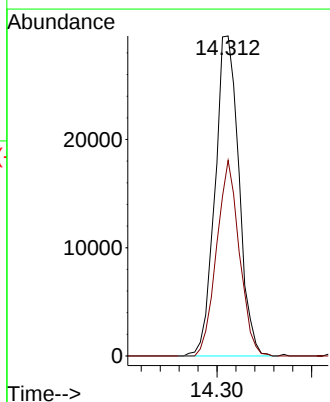
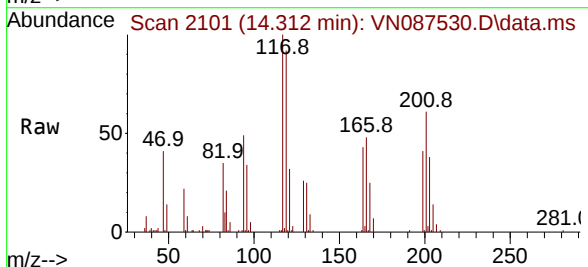
Manual Integrations
APPROVED

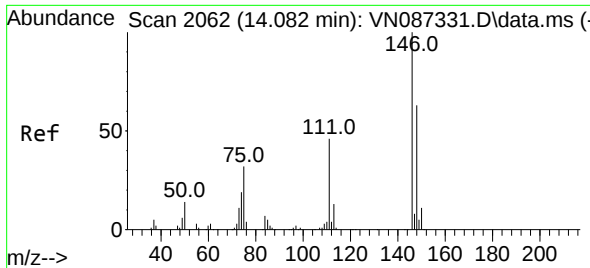
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#90
Hexachloroethane
Concen: 19.357 ug/l
RT: 14.312 min Scan# 2101
Delta R.T. 0.000 min
Lab File: VN087530.D
Acq: 13 Aug 2025 13:23

Tgt Ion:117 Resp: 51791
Ion Ratio Lower Upper
117 100
201 58.2 32.8 98.4





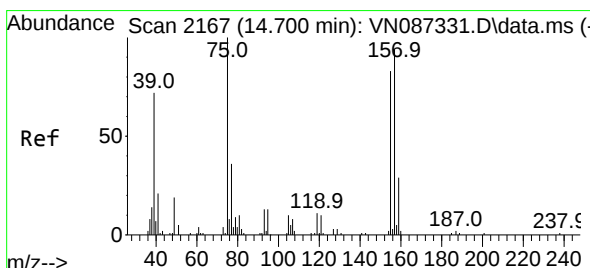
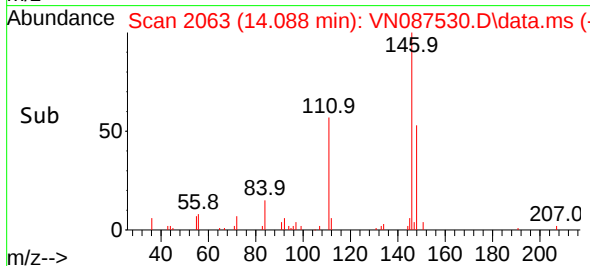
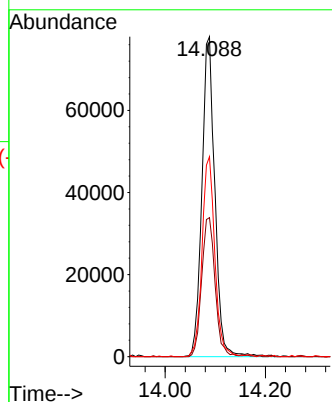
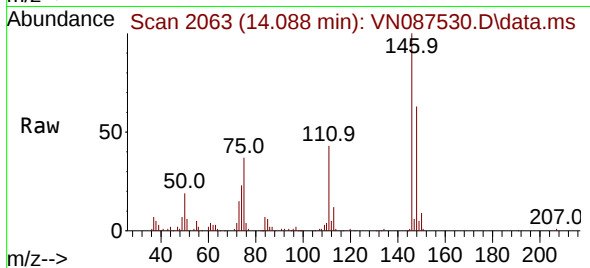
#91
1,2-Dichlorobenzene
Concen: 19.728 ug/l
RT: 14.088 min Scan# 2062
Delta R.T. 0.006 min
Lab File: VN087530.D
Acq: 13 Aug 2025 13:23

Instrument :
MSVOA_N
ClientSampleId :
VN0813WBSD01

Tgt Ion:146 Resp: 13984
Ion Ratio Lower Upper
146 100
111 44.9 22.0 66.0
148 61.5 32.7 98.1

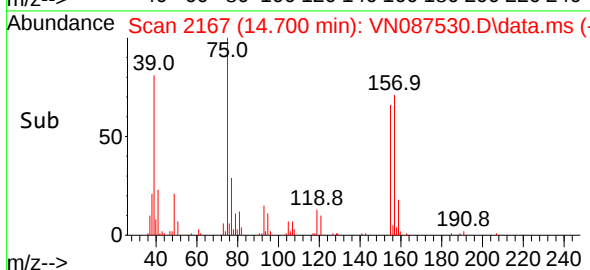
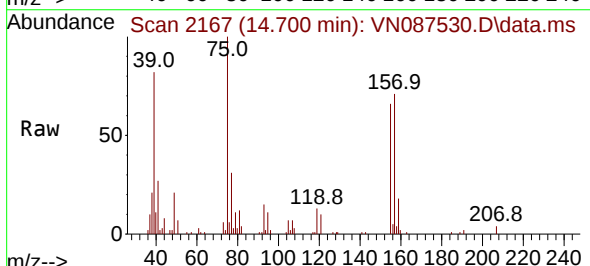
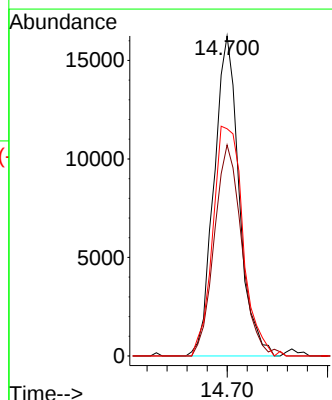
Manual Integrations
APPROVED

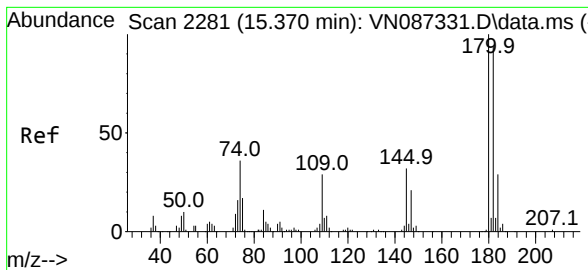
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.404 ug/l
RT: 14.700 min Scan# 2167
Delta R.T. 0.000 min
Lab File: VN087530.D
Acq: 13 Aug 2025 13:23

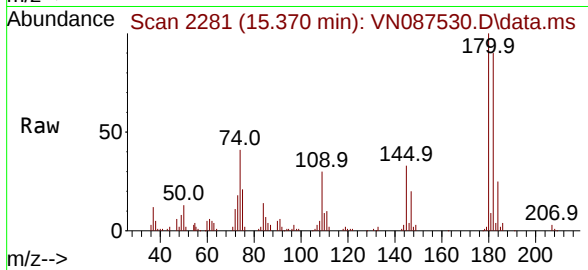
Tgt Ion: 75 Resp: 28181
Ion Ratio Lower Upper
75 100
155 72.2 37.3 111.8
157 86.0 46.2 138.6





#93
1,2,4-Trichlorobenzene
Concen: 20.929 ug/l
RT: 15.370 min Scan# 2281
Delta R.T. 0.000 min
Lab File: VN087530.D
Acq: 13 Aug 2025 13:23

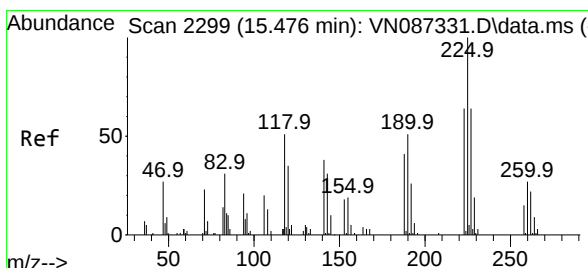
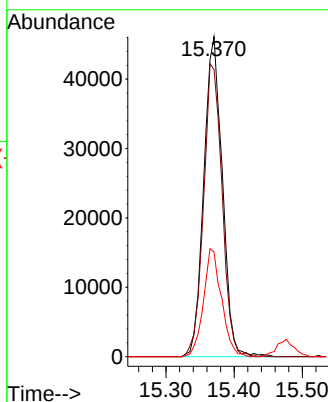
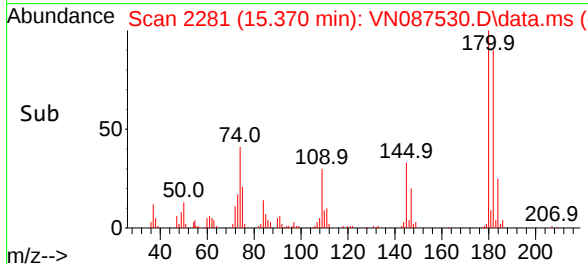
Instrument :
MSVOA_N
ClientSampleId :
VN0813WBSD01



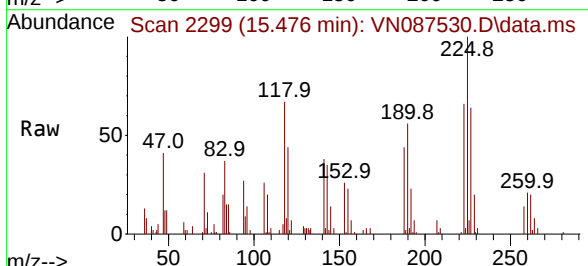
Tgt Ion:180 Resp: 87149
Ion Ratio Lower Upper
180 100
182 91.7 47.3 141.8
145 32.9 15.4 46.4

Manual Integrations
APPROVED

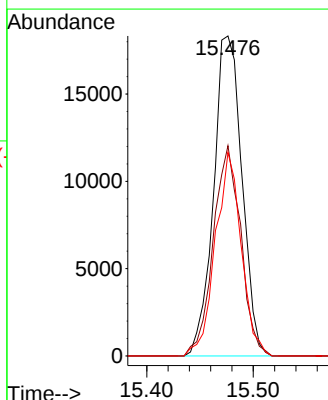
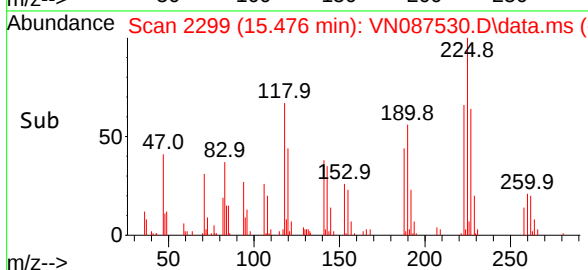
Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

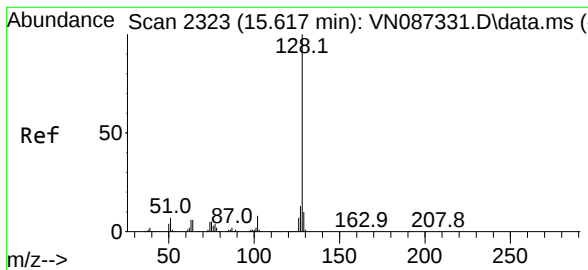


#94
Hexachlorobutadiene
Concen: 21.896 ug/l
RT: 15.476 min Scan# 2299
Delta R.T. 0.000 min
Lab File: VN087530.D
Acq: 13 Aug 2025 13:23



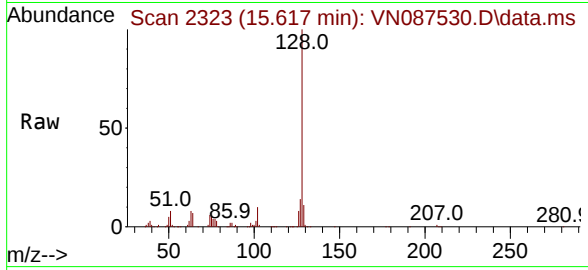
Tgt Ion:225 Resp: 33877
Ion Ratio Lower Upper
225 100
223 63.6 32.1 96.3
227 58.1 31.3 93.9





#95
Naphthalene
Concen: 20.814 ug/l
RT: 15.617 min Scan# 2323
Delta R.T. 0.000 min
Lab File: VN087530.D
Acq: 13 Aug 2025 13:23

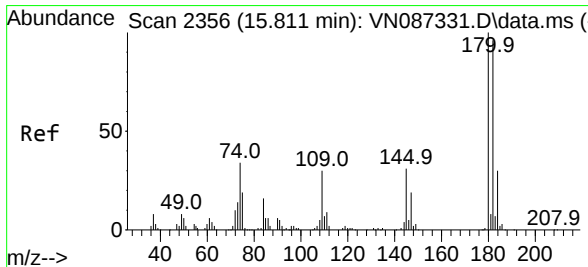
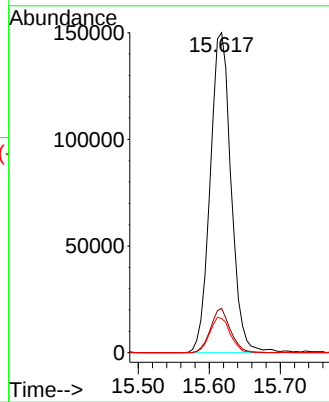
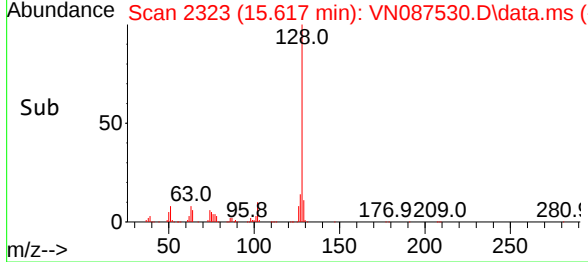
Instrument :
MSVOA_N
ClientSampleId :
VN0813WBSD01



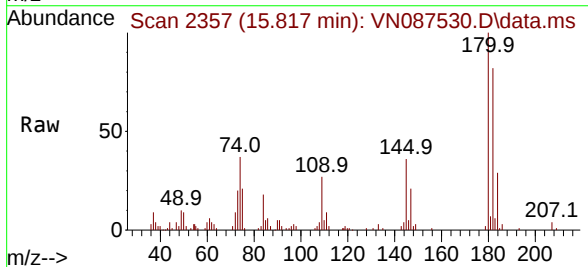
Tgt Ion:128 Resp: 307032
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 10.9 8.4 12.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#96
1,2,3-Trichlorobenzene
Concen: 19.541 ug/l
RT: 15.817 min Scan# 2357
Delta R.T. 0.006 min
Lab File: VN087530.D
Acq: 13 Aug 2025 13:23



Tgt Ion:180 Resp: 81621
Ion Ratio Lower Upper
180 100
182 94.0 47.1 141.4
145 35.9 16.9 50.6

