

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042325\
 Data File : VN086378.D
 Acq On : 23 Apr 2025 11:53
 Operator : JC\MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC150

Quant Time: Apr 24 04:24:36 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042325W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Apr 24 03:57:58 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 04/24/2025
 Supervised By :Mahesh Dadoda 04/25/2025

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

Internal Standards						
1) Bromochloromethane	7.812	128	30321	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.094	114	175444	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	164865	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	84791	29.005	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	96.667%		
60) 4-Bromofluorobenzene	12.847	95	102335	31.582	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	105.267%		
63) Toluene-d8	10.565	98	269389	29.701	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	99.000%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	299421	143.036	ug/l	98
3) Chloromethane	2.359	50	402250	135.277	ug/l	98
4) Vinyl Chloride	2.512	62	401875	141.109	ug/l	99
5) Bromomethane	2.936	94	203863	137.107	ug/l	99
6) Chloroethane	3.112	64	272792	143.678	ug/l	96
7) Trichlorofluoromethane	3.495	101	483366	143.788	ug/l	99
8) Diethyl Ether	3.959	74	204867	144.374	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.371	101	301117	145.702	ug/l	98
10) 1,1-Dichloroethene	4.336	96	304401	143.905	ug/l	96
11) Methyl Iodide	4.583	142	373705	150.992	ug/l	97
12) Methyl Acetate	5.018	43	461659	153.979	ug/l	99
13) Acrolein	4.177	56	81825	737.319	ug/l	98
14) Acrylonitrile	5.712	53	835092	748.379	ug/l	99
15) Acetone	4.418	58	226833	737.712	ug/l	97
16) Carbon Disulfide	4.712	76	741034	132.947	ug/l	99
17) Allyl chloride	5.018	41	488863	144.536	ug/l	97
18) Methylene Chloride	5.271	84	350170	145.364	ug/l	97
19) trans-1,2-Dichloroethene	5.789	96	331115	146.862	ug/l	97
20) Diisopropyl ether	6.665	45	1209486	150.395	ug/l	96
21) 1,1-Dichloroethane	6.565	63	650070	147.673	ug/l	98
22) cis-1,2-Dichloroethene	7.483	96	419371	148.755	ug/l	98
23) tert-Butyl Alcohol	5.512	59	299669	693.246	ug/l #	100
24) Methyl tert-Butyl Ether	5.789	73	1155950	147.908	ug/l	100
25) Chloroform	7.965	83	654724	146.957	ug/l	98
26) Cyclohexane	8.253	56	566144	145.656	ug/l #	99
29) 1,1-Dichloropropene	8.371	75	474701	153.479	ug/l	99
30) 2-Butanone	7.477	43	1154112	768.782	ug/l	100
31) 2,2-Dichloropropane	7.488	77	605480	152.287	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	560564	151.669	ug/l	99
33) Carbon Tetrachloride	8.359	117	465350	152.946	ug/l	97
34) Benzene	8.600	78	1491870	151.652	ug/l	97
35) Methacrylonitrile	7.771	41	264432	154.415	ug/l	97
36) 1,2-Dichloroethane	8.665	62	487034	152.489	ug/l	100
37) Trichloroethene	9.347	130	387155	157.207	ug/l	95
38) Methylcyclohexane	9.594	83	538821	150.840	ug/l	99
39) 1,2-Dichloropropane	9.618	63	364271	149.889	ug/l	98
40) Dibromomethane	9.706	93	248997	153.205	ug/l	98
41) Bromodichloromethane	9.882	83	525304	152.734	ug/l	99
42) Vinyl Acetate	6.600	43	3696622	710.838	ug/l	100

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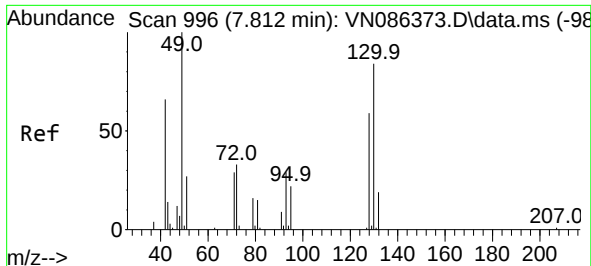
Manual Integrations
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Reviewed By : John Carlone 04/24/2025
 Supervised By : Mahesh Dadoda 04/25/2025

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.559	43	443217	149.188	ug/l	99
44) Isopropyl Acetate	8.683	43	834366	147.977	ug/l	98
45) 1,4-Dioxane	9.694	88	129985	2954.683	ug/l	96
46) Methyl methacrylate	9.677	41	398936	153.385	ug/l	99
47) n-amyl Acetate	12.488	43	794729	165.368	ug/l	100
48) t-1,3-Dichloropropene	10.829	75	606406	157.708	ug/l	99
49) cis-1,3-Dichloropropene	10.306	75	632116	155.890	ug/l	99
50) 1,1,2-Trichloroethane	11.012	97	351630	154.894	ug/l	98
51) Ethyl methacrylate	10.871	69	626046	158.346	ug/l	99
52) 1,3-Dichloropropane	11.159	76	618867	154.247	ug/l	99
53) Dibromochloromethane	11.353	129	400588	157.150	ug/l	99
54) 1,2-Dibromoethane	11.465	107	357033	154.682	ug/l	100
55) 2-Chloroethyl vinyl ether	10.159	63	1507826	811.169	ug/l	100
56) Bromoform	12.576	173	269808	163.108	ug/l	100
58) 4-Methyl-2-Pentanone	10.441	43	2458272	770.528	ug/l	100
59) 2-Hexanone	11.194	43	1818182	773.342	ug/l	99
61) Tetrachloroethene	11.100	164	388387	154.457	ug/l	96
62) Toluene	10.624	91	1668443	151.191	ug/l	99
64) Chlorobenzene	11.888	112	1045317	152.021	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.959	131	355984	154.833	ug/l	99
66) Ethyl Benzene	11.959	91	1924632	154.943	ug/l	99
67) m/p-Xylenes	12.071	106	1465950	311.039	ug/l	98
68) o-Xylene	12.394	106	723738	156.834	ug/l	98
69) Styrene	12.406	104	1271246	162.527	ug/l	100
70) Isopropylbenzene	12.694	105	1820093	158.002	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.935	83	445651	146.927	ug/l	99
72) 1,2,3-Trichloropropane	12.988	75	413811m	157.445	ug/l	
73) Bromobenzene	12.976	156	419234	158.301	ug/l	98
74) n-propylbenzene	13.035	91	2201757	160.846	ug/l	100
75) 2-Chlorotoluene	13.123	91	1351179	158.123	ug/l	99
76) 1,3,5-Trimethylbenzene	13.170	105	1539420	162.869	ug/l	100
77) t-1,4-Dichloro-2-butene	12.735	75	220662	164.423	ug/l	97
78) 4-Chlorotoluene	13.218	91	1398536	163.684	ug/l	100
79) tert-butylbenzene	13.435	119	1289675	159.319	ug/l	100
80) 1,2,4-Trimethylbenzene	13.476	105	1578141	163.487	ug/l	97
81) sec-Butylbenzene	13.612	105	1869347	161.777	ug/l	99
82) p-Isopropyltoluene	13.723	119	1628968	168.473	ug/l	100
83) 1,3-Dichlorobenzene	13.729	146	833116	166.415	ug/l	98
84) 1,4-Dichlorobenzene	13.806	146	817212	165.219	ug/l	99
85) n-Butylbenzene	14.053	91	1470566	170.449	ug/l	99
86) Hexachloroethane	14.329	117	267570	169.237	ug/l	98
87) 1,2-Dichlorobenzene	14.100	146	773464	162.374	ug/l	100
88) 1,2-Dibromo-3-Chloropr...	14.717	75	98763	160.195	ug/l	97
89) 1,2,4-Trichlorobenzene	15.835	180	358682	165.211	ug/l	99
90) Hexachlorobutadiene	15.494	225	132753	151.803	ug/l	98
91) Naphthalene	15.635	128	1293022	166.356	ug/l	100
92) 1,2,3-Trichlorobenzene	15.835	180	358682	165.211	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



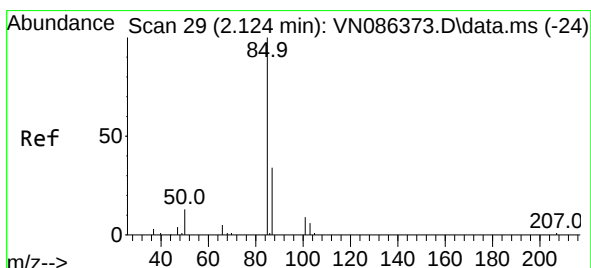
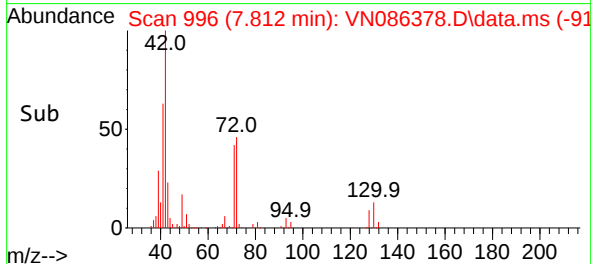
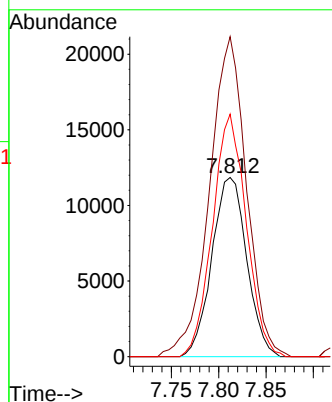
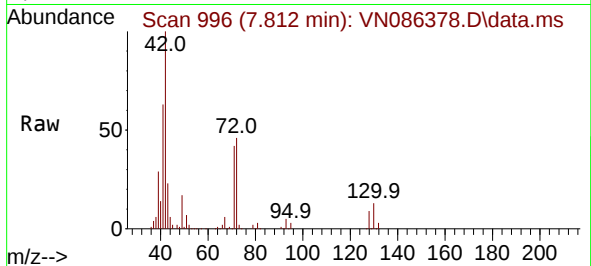
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Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.000 min
Lab File: VN086378.D
Acq: 23 Apr 2025 11:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Tgt Ion:128 Resp: 3032
Ion Ratio Lower Upper
128 100
49 189.2 0.0 433.8
130 131.0 0.0 325.0

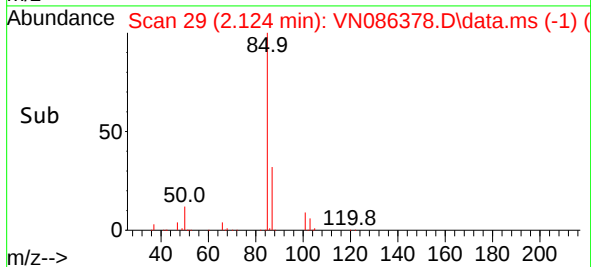
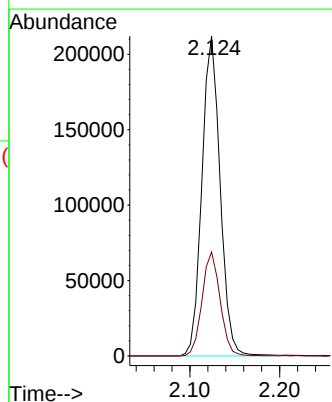
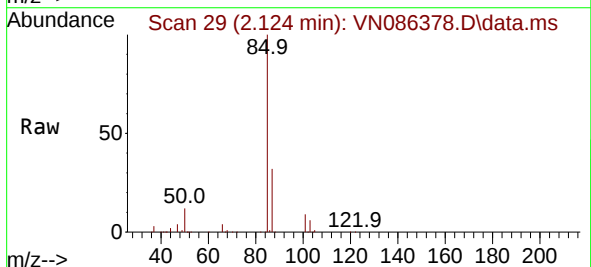
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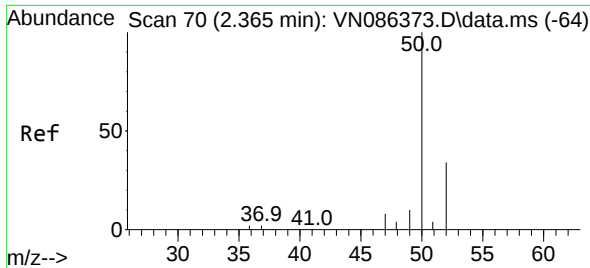
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#2
Dichlorodifluoromethane
Concen: 143.036 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN086378.D
Acq: 23 Apr 2025 11:53

Tgt Ion: 85 Resp: 299421
Ion Ratio Lower Upper
85 100
87 32.5 17.0 50.9





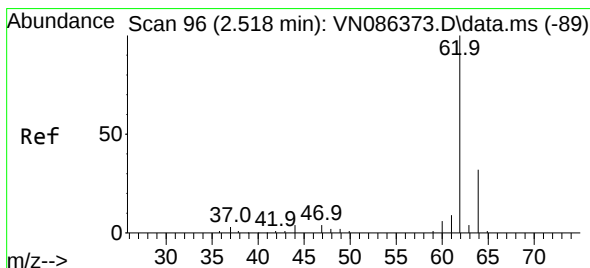
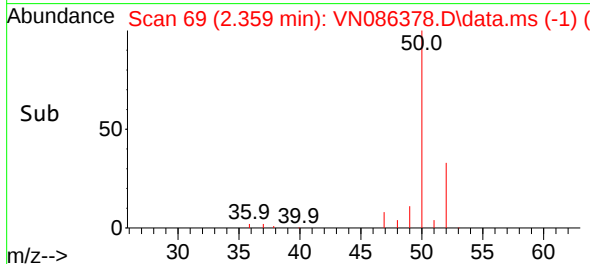
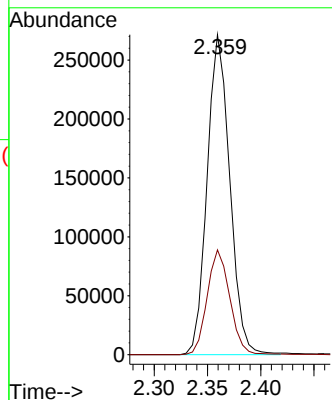
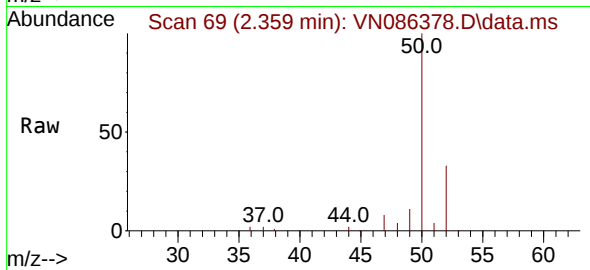
#3
Chloromethane
Concen: 135.277 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.006 min
Lab File: VN086378.D
Acq: 23 Apr 2025 11:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Tgt Ion: 50 Resp: 402250
Ion Ratio Lower Upper
50 100
52 32.8 27.3 40.9

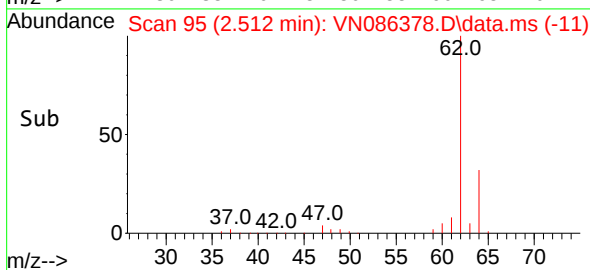
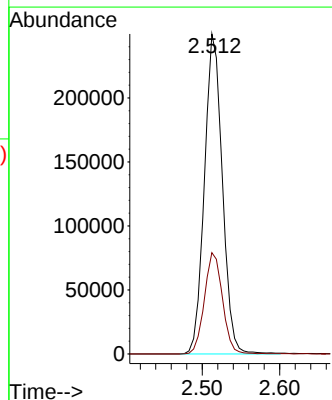
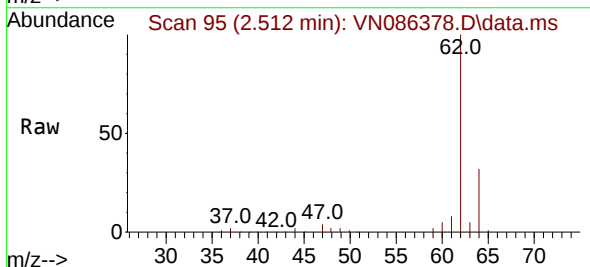
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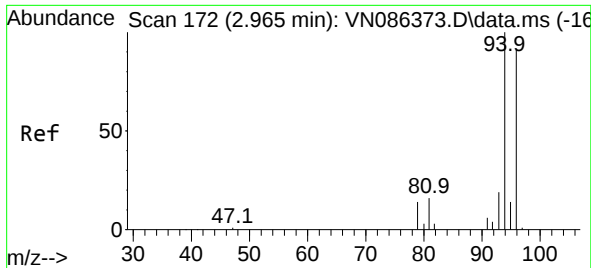
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#4
Vinyl Chloride
Concen: 141.109 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN086378.D
Acq: 23 Apr 2025 11:53

Tgt Ion: 62 Resp: 401875
Ion Ratio Lower Upper
62 100
64 31.7 25.8 38.8





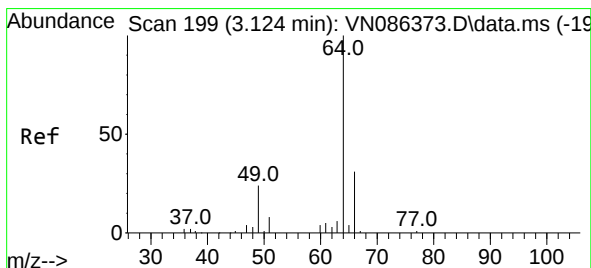
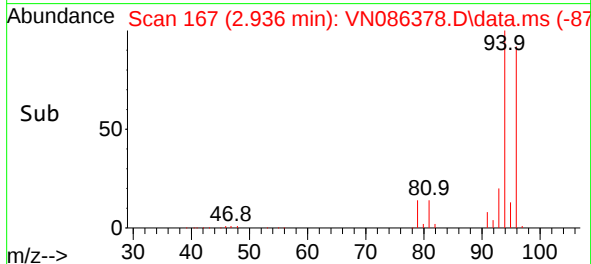
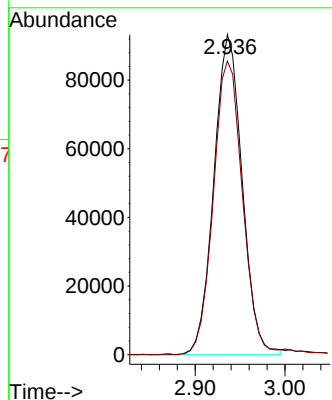
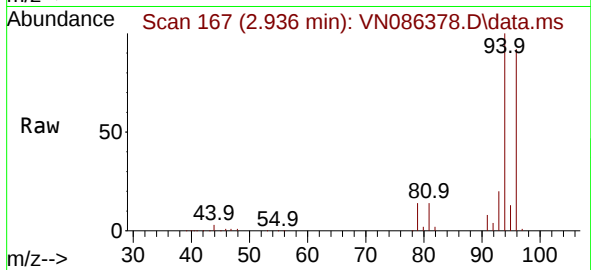
#5
Bromomethane
Concen: 137.107 ug/l
RT: 2.936 min Scan# 11
Delta R.T. -0.029 min
Lab File: VN086378.D
Acq: 23 Apr 2025 11:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion: 94 Resp: 20386
Ion Ratio Lower Upper
94 100
96 91.6 72.4 108.6

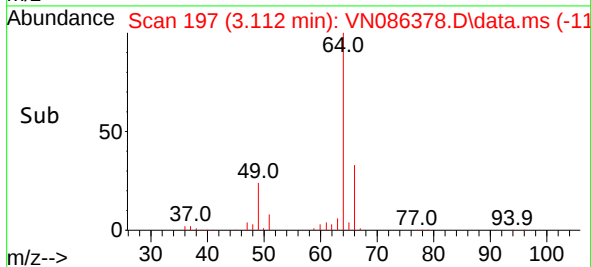
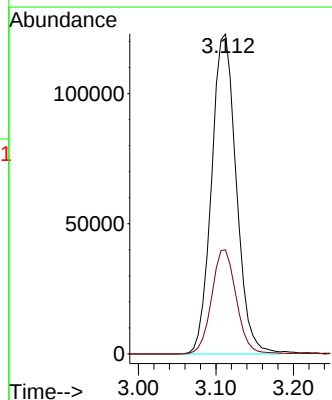
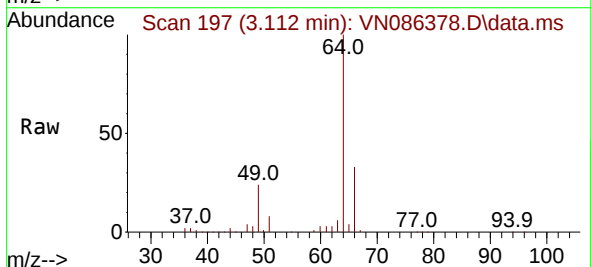
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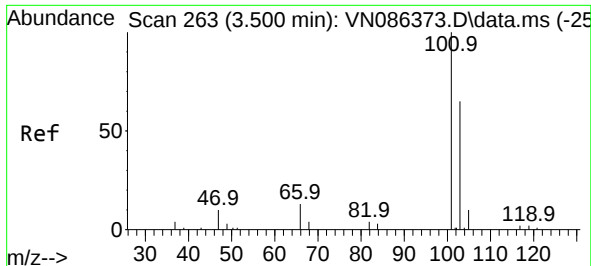
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#6
Chloroethane
Concen: 143.678 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.012 min
Lab File: VN086378.D
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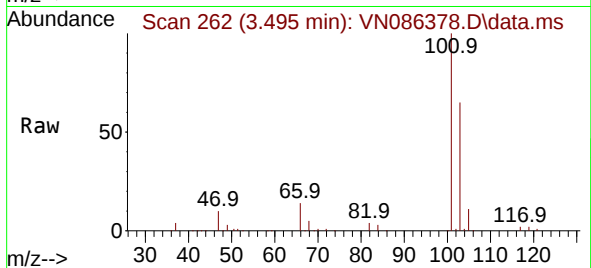
Tgt Ion: 64 Resp: 272792
Ion Ratio Lower Upper
64 100
66 32.5 24.5 36.7





#7
Trichlorofluoromethane
Concen: 143.788 ug/l
RT: 3.495 min Scan# 262
Delta R.T. -0.006 min
Lab File: VN086378.D
Acq: 23 Apr 2025 11:53

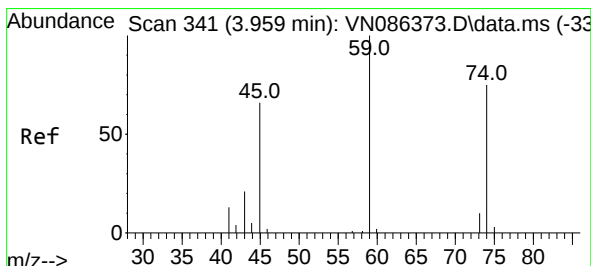
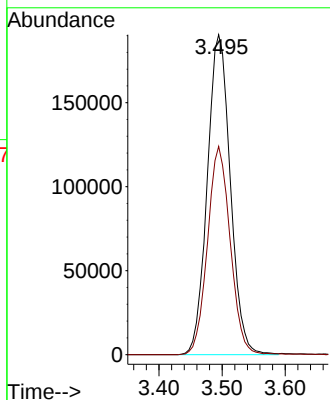
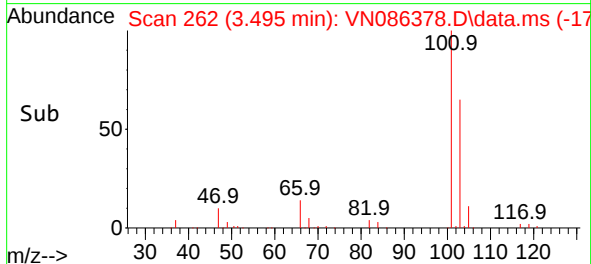
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Tgt Ion:101 Resp: 483360
Ion Ratio Lower Upper
101 100
103 65.1 51.8 77.6

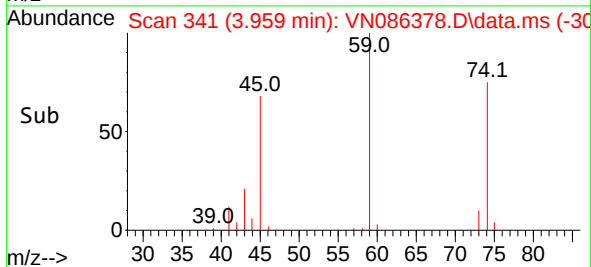
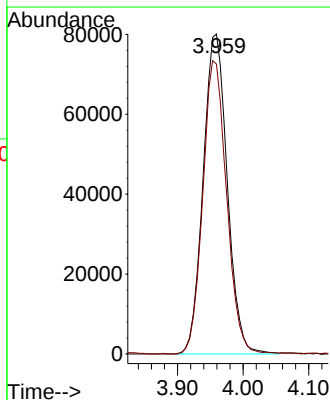
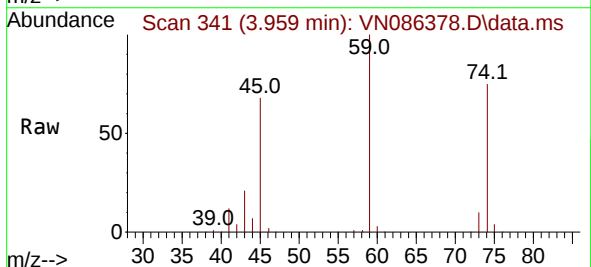
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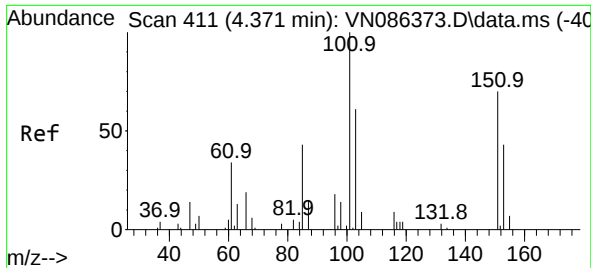
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#8
Diethyl Ether
Concen: 144.374 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.000 min
Lab File: VN086378.D
Acq: 23 Apr 2025 11:53

Tgt Ion: 74 Resp: 204867
Ion Ratio Lower Upper
74 100
45 90.5 18.5 166.3





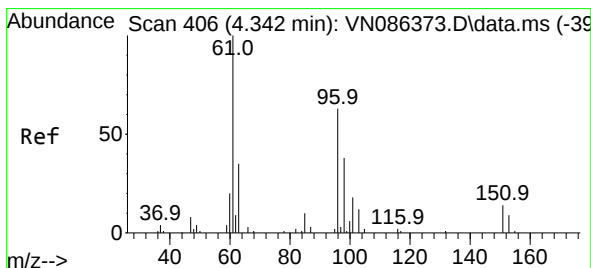
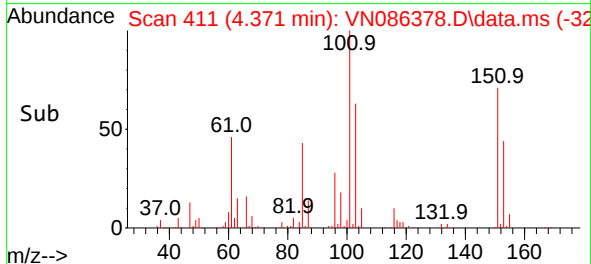
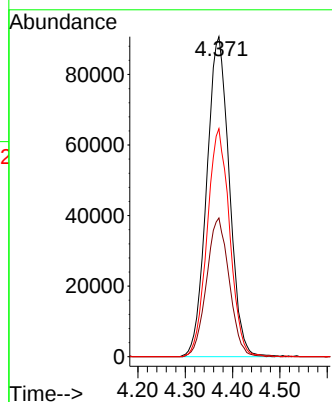
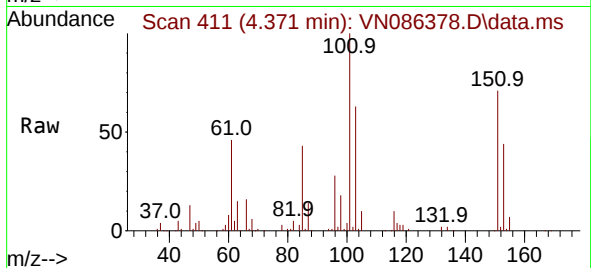
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1,1,2-Trichlorotrifluoroethane
Concen: 145.702 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN086378.D
Acq: 23 Apr 2025 11:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Tgt Ion:101 Resp: 30111
Ion Ratio Lower Upper
101 100
85 43.5 0.0 84.4
151 70.6 0.0 145.8

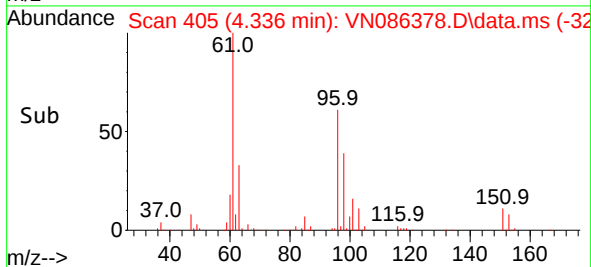
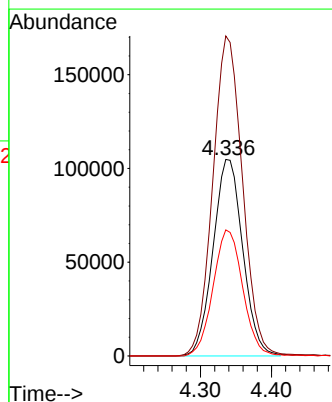
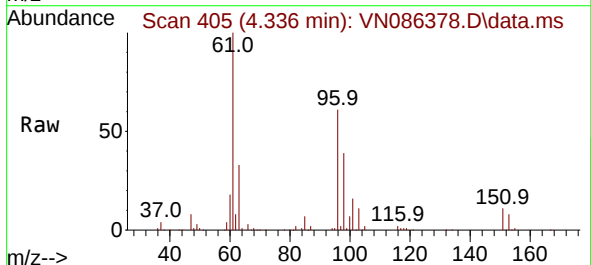
Manual Integrations
APPROVED

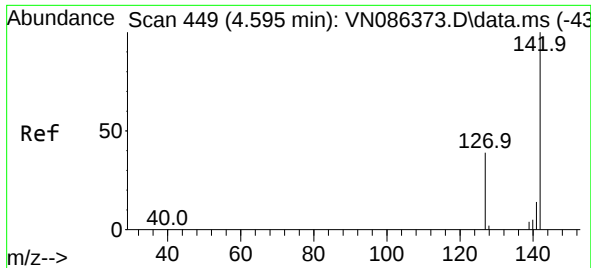
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#10
1,1-Dichloroethene
Concen: 143.905 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.006 min
Lab File: VN086378.D
Acq: 23 Apr 2025 11:53

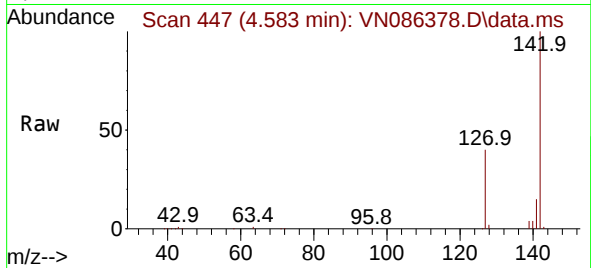
Tgt Ion: 96 Resp: 304401
Ion Ratio Lower Upper
96 100
61 162.7 126.2 189.4
98 64.2 48.5 72.7





#11
Methyl Iodide
Concen: 150.992 ug/l
RT: 4.583 min Scan# 449
Delta R.T. -0.012 min
Lab File: VN086378.D
Acq: 23 Apr 2025 11:53

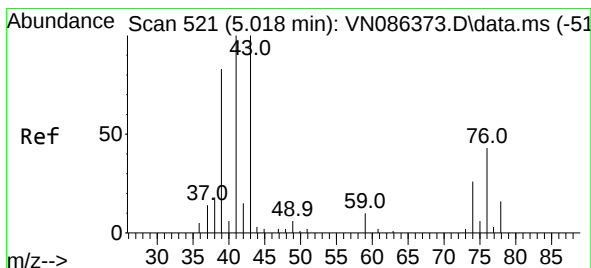
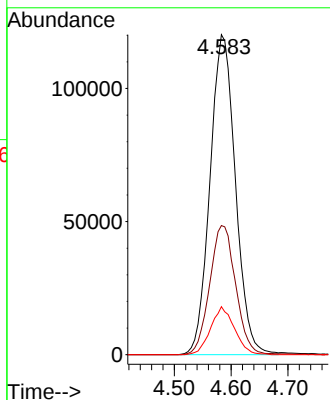
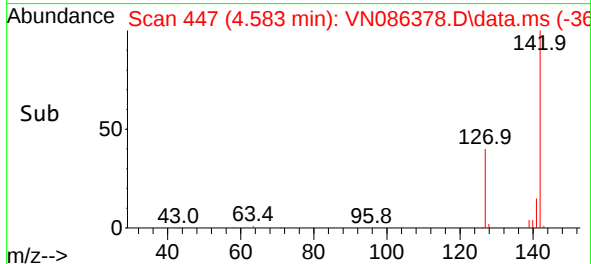
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



Tgt Ion:142 Resp: 37370
Ion Ratio Lower Upper
142 100
127 40.3 19.3 57.9
141 15.0 7.1 21.3

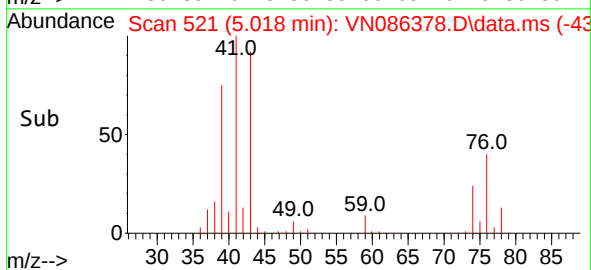
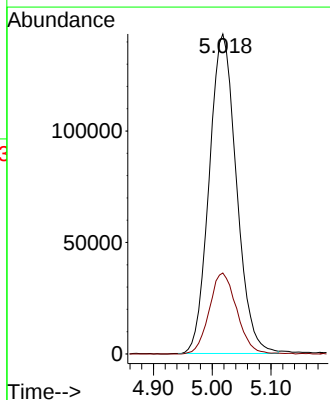
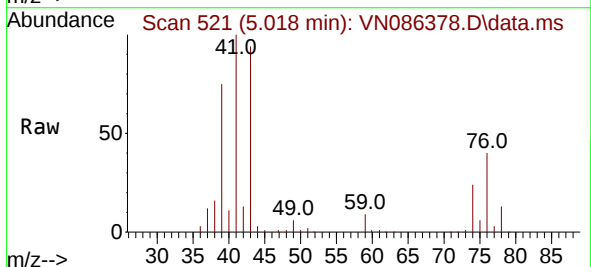
Manual Integrations
APPROVED

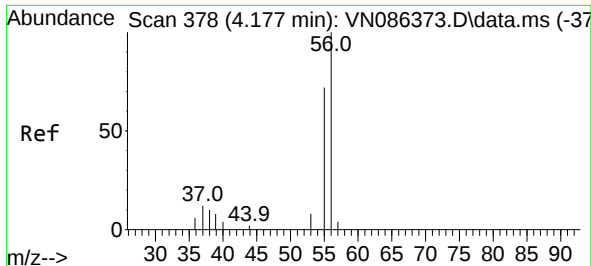
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#12
Methyl Acetate
Concen: 153.979 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN086378.D
Acq: 23 Apr 2025 11:53

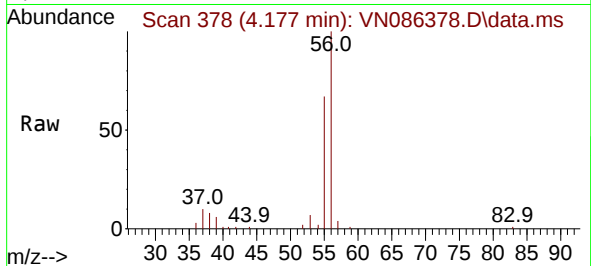
Tgt Ion: 43 Resp: 461659
Ion Ratio Lower Upper
43 100
74 25.3 20.8 31.2





#13
Acrolein
Concen: 737.319 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN086378.D
Acq: 23 Apr 2025 11:53

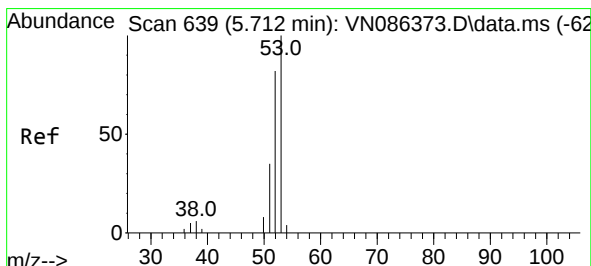
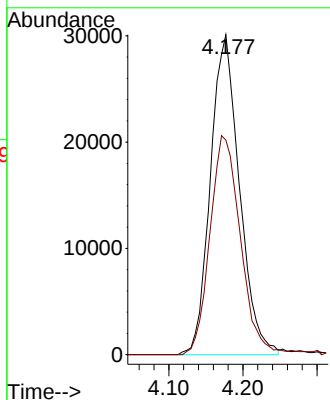
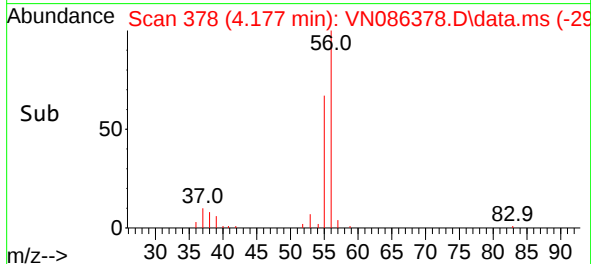
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



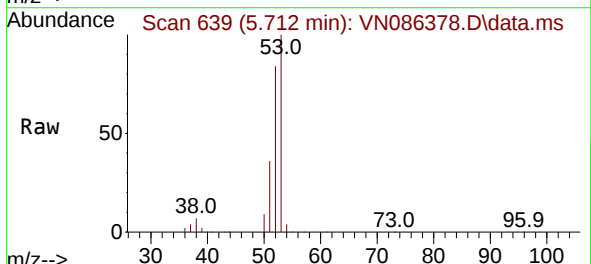
Tgt Ion: 56 Resp: 8182
Ion Ratio Lower Upper
56 100
55 71.7 56.1 84.1

Manual Integrations
APPROVED

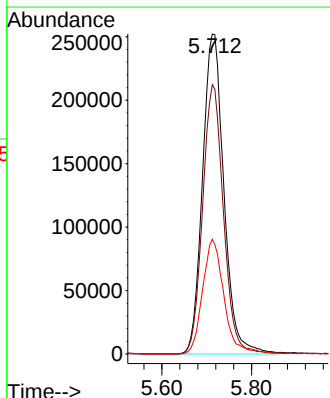
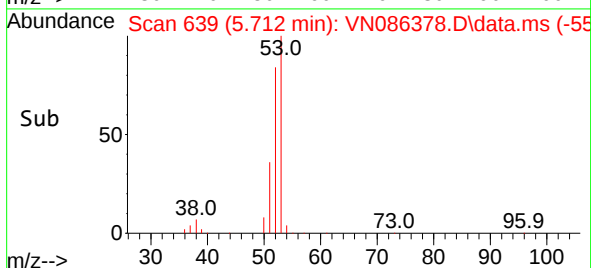
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025

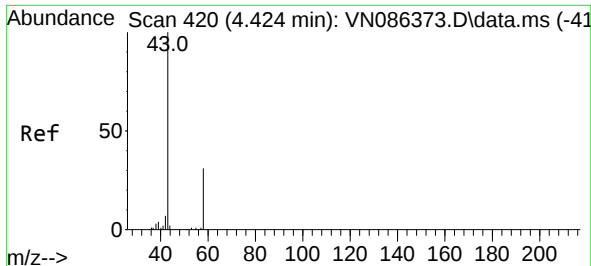


#14
Acrylonitrile
Concen: 748.379 ug/l
RT: 5.712 min Scan# 639
Delta R.T. 0.000 min
Lab File: VN086378.D
Acq: 23 Apr 2025 11:53



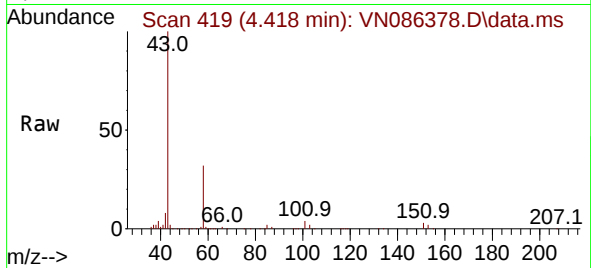
Tgt Ion: 53 Resp: 835092
Ion Ratio Lower Upper
53 100
52 81.7 41.2 123.6
51 36.0 17.6 52.8





#15
Acetone
Concen: 737.712 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN086378.D
Acq: 23 Apr 2025 11:53

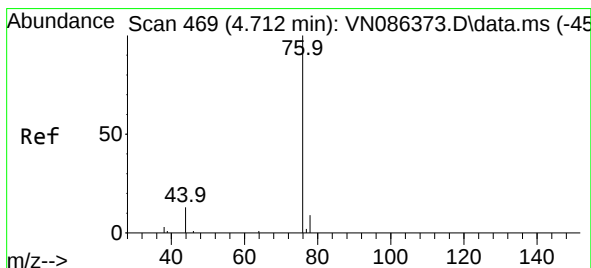
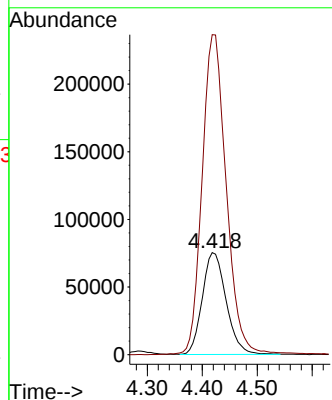
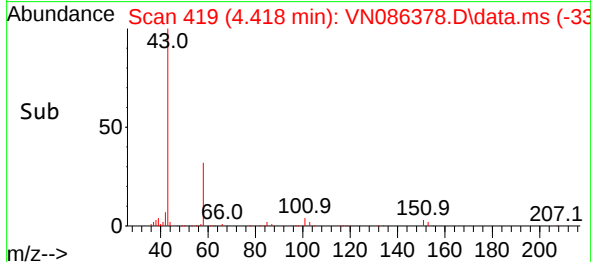
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



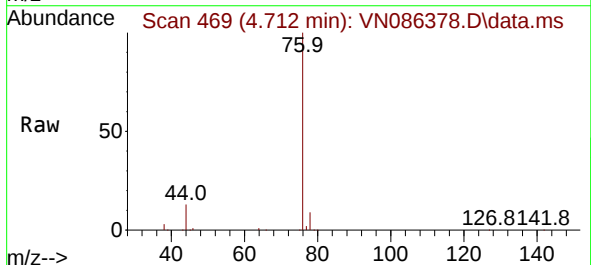
Tgt Ion: 58 Resp: 22683
Ion Ratio Lower Upper
58 100
43 312.9 255.1 382.7

Manual Integrations
APPROVED

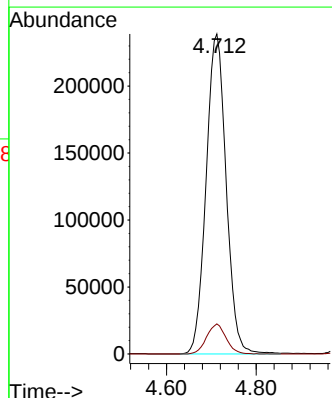
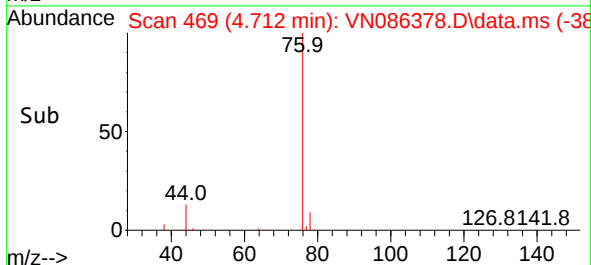
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025

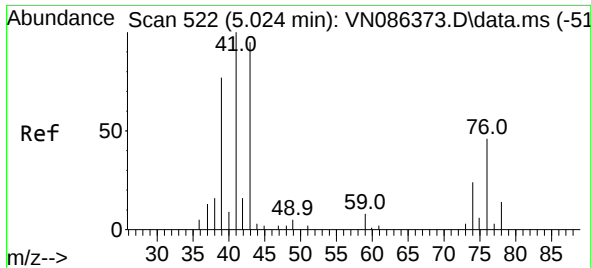


#16
Carbon Disulfide
Concen: 132.947 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN086378.D
Acq: 23 Apr 2025 11:53



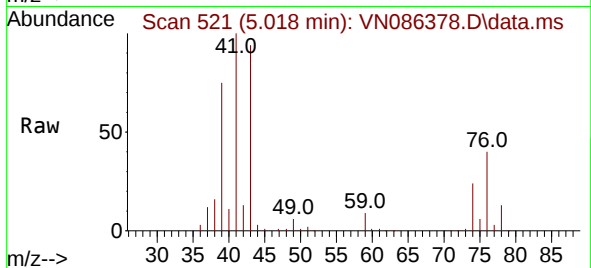
Tgt Ion: 76 Resp: 741034
Ion Ratio Lower Upper
76 100
78 9.4 7.1 10.7





#17
 Allyl chloride
 Concen: 144.536 ug/l
 RT: 5.018 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VN086378.D
 Acq: 23 Apr 2025 11:53

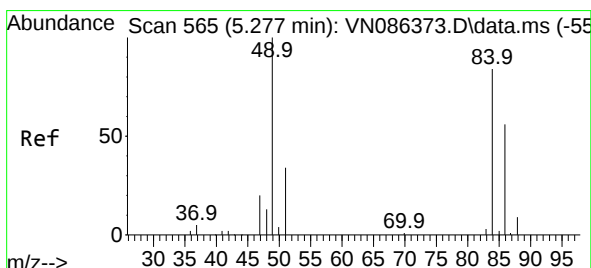
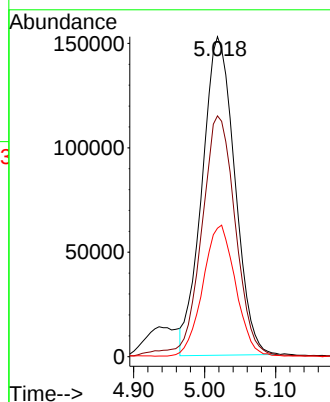
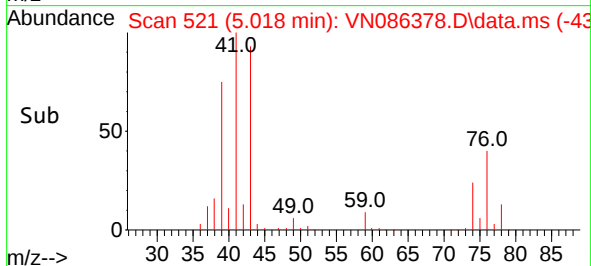
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150



Tgt Ion: 41 Resp: 48886
 Ion Ratio Lower Upper
 41 100
 39 75.2 36.7 110.1
 76 40.1 21.8 65.4

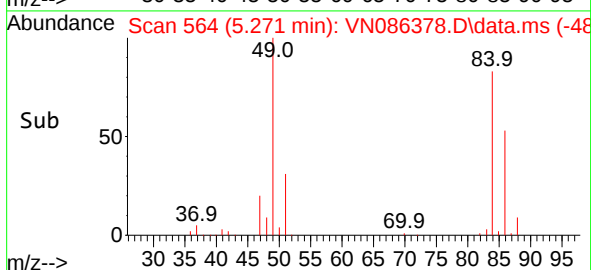
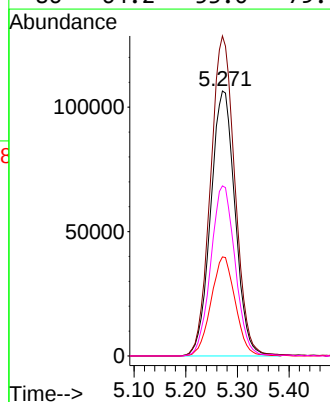
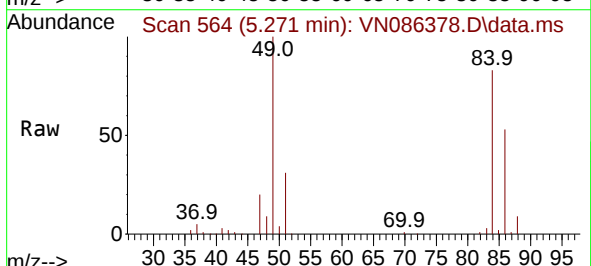
Manual Integrations
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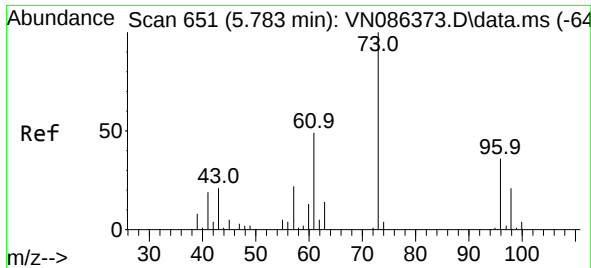
Reviewed By :John Carlone 04/24/2025
 Supervised By :Mahesh Dadoda 04/25/2025



#18
 Methylene Chloride
 Concen: 145.364 ug/l
 RT: 5.271 min Scan# 564
 Delta R.T. -0.006 min
 Lab File: VN086378.D
 Acq: 23 Apr 2025 11:53

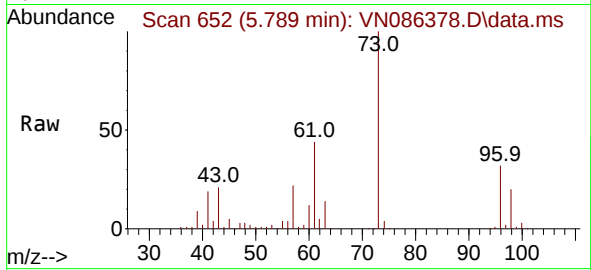
Tgt Ion: 84 Resp: 350170
 Ion Ratio Lower Upper
 84 100
 49 120.8 95.4 143.0
 51 37.4 32.8 49.2
 86 64.2 53.0 79.4





#19
trans-1,2-Dichloroethene
Concen: 146.862 ug/l
RT: 5.789 min Scan# 611
Delta R.T. 0.006 min
Lab File: VN086378.D
Acq: 23 Apr 2025 11:53

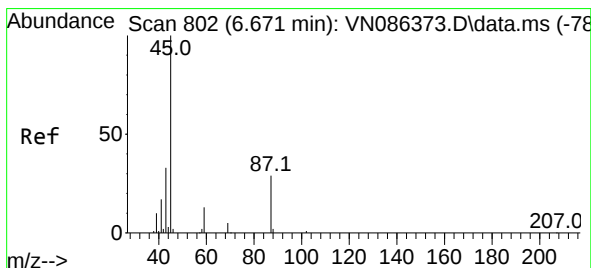
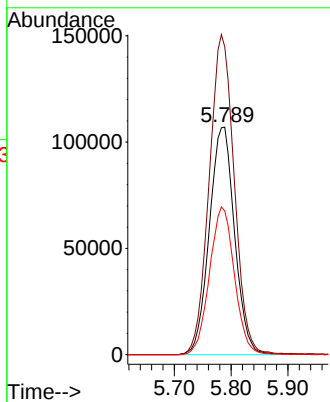
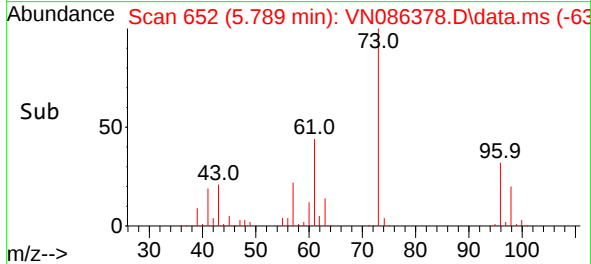
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion: 96 Resp: 331111
Ion Ratio Lower Upper
96 100
61 135.3 107.3 160.9
98 63.2 46.7 70.1

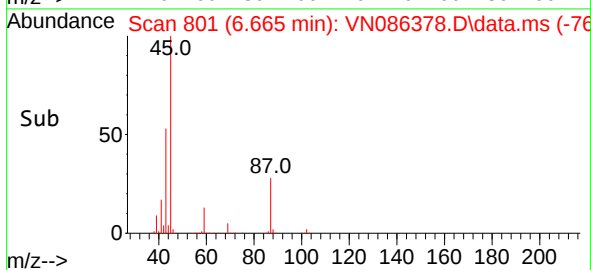
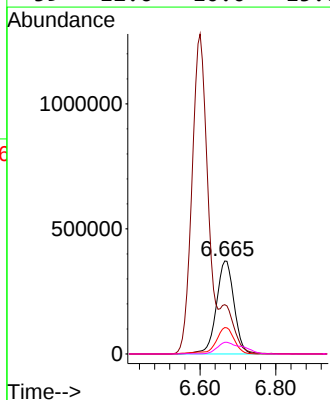
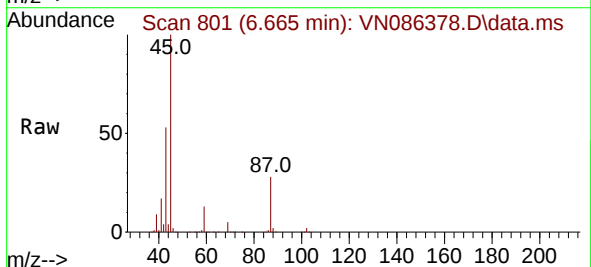
Manual Integrations
APPROVED

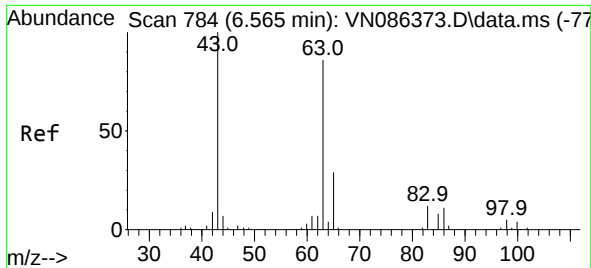
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#20
Diisopropyl ether
Concen: 150.395 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.006 min
Lab File: VN086378.D
Acq: 23 Apr 2025 11:53

Tgt Ion: 45 Resp: 1209486
Ion Ratio Lower Upper
45 100
43 52.6 38.8 58.2
87 28.4 23.5 35.3
59 12.6 10.0 15.0





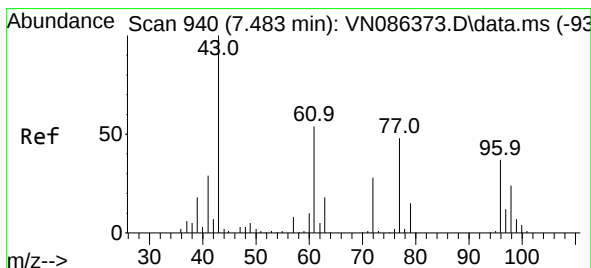
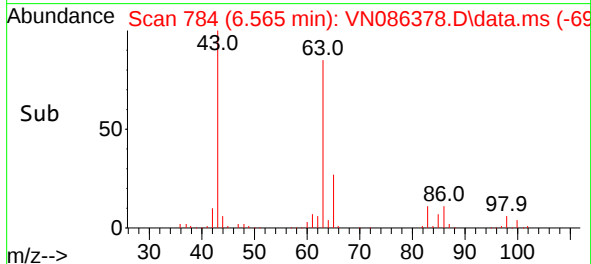
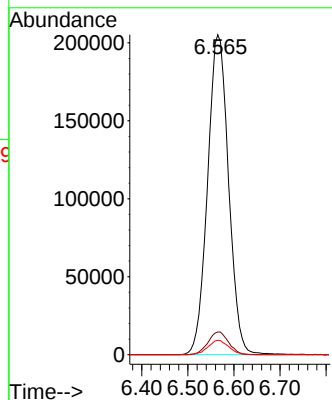
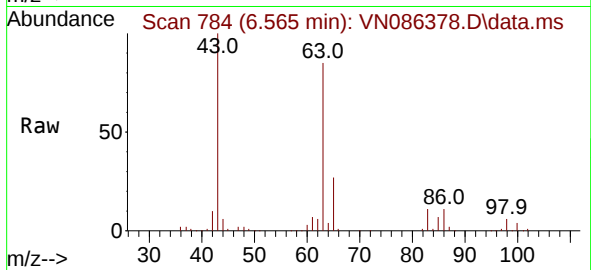
#21
1,1-Dichloroethane
Concen: 147.673 ug/l
RT: 6.565 min Scan# 784
Delta R.T. 0.000 min
Lab File: VN086378.D
Acq: 23 Apr 2025 11:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion: 63 Resp: 650070
Ion Ratio Lower Upper
63 100
98 7.1 3.0 9.2
100 4.5 2.3 6.8

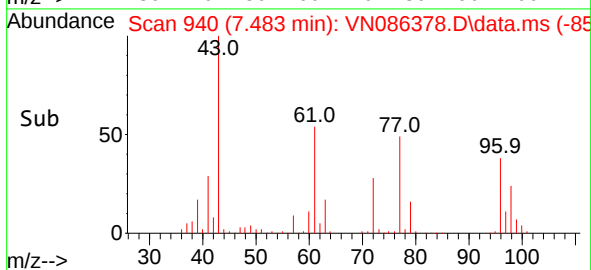
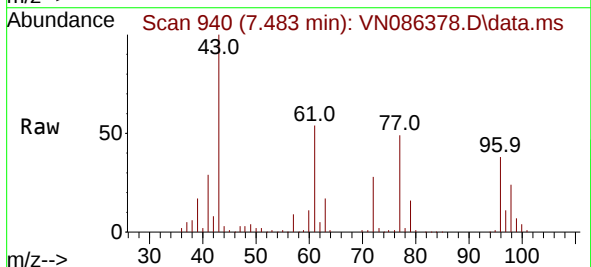
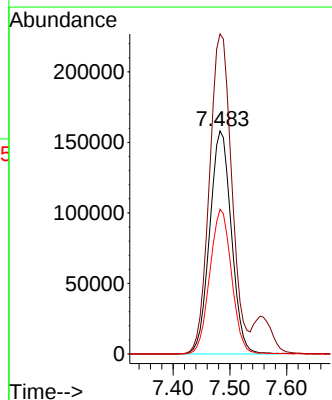
Manual Integrations
APPROVED

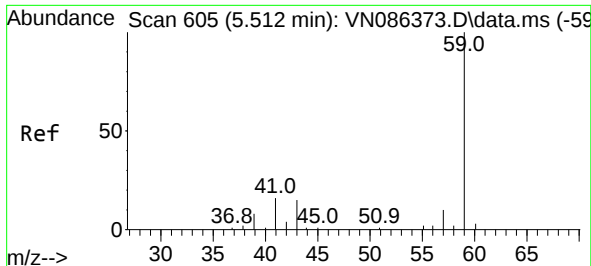
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#22
cis-1,2-Dichloroethene
Concen: 148.755 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN086378.D
Acq: 23 Apr 2025 11:53

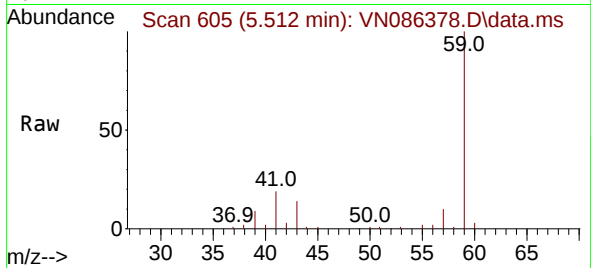
Tgt Ion: 96 Resp: 419371
Ion Ratio Lower Upper
96 100
61 147.8 120.6 181.0
98 64.7 51.8 77.6





#23
tert-Butyl Alcohol
Concen: 693.246 ug/l
RT: 5.512 min Scan# 605
Delta R.T. 0.000 min
Lab File: VN086378.D
Acq: 23 Apr 2025 11:53

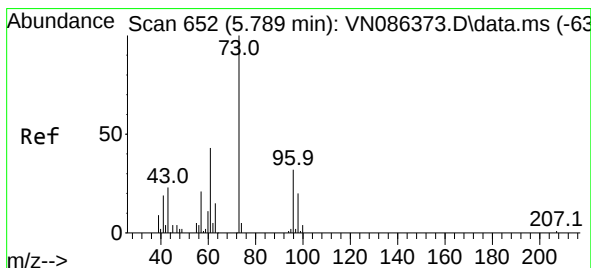
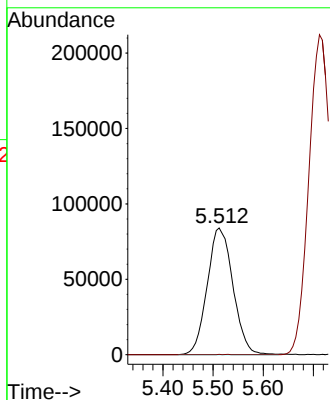
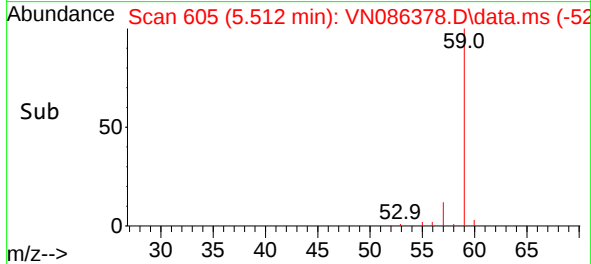
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion: 59 Resp: 299669
Ion Ratio Lower Upper
59 100
52 0.0 0.1 0.1

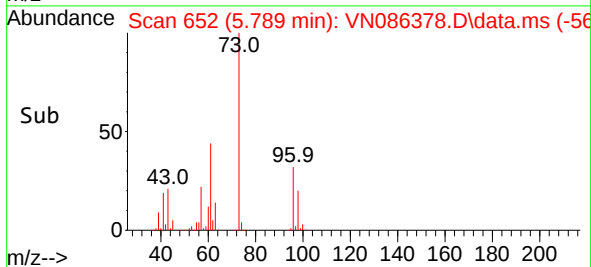
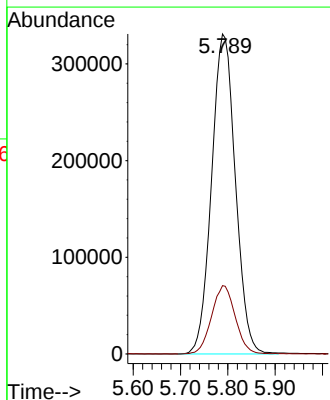
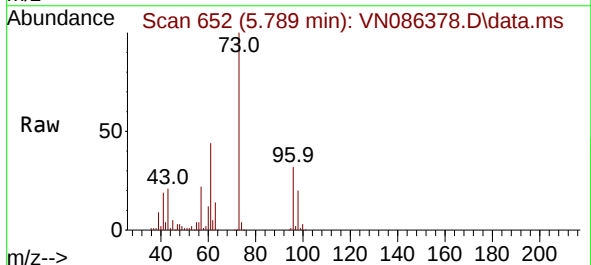
Manual Integrations
APPROVED

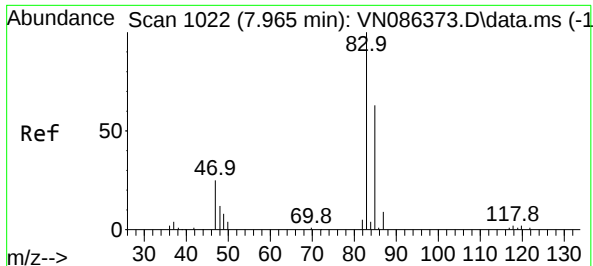
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#24
Methyl tert-Butyl Ether
Concen: 147.908 ug/l
RT: 5.789 min Scan# 652
Delta R.T. 0.000 min
Lab File: VN086378.D
Acq: 23 Apr 2025 11:53

Tgt Ion: 73 Resp: 1155950
Ion Ratio Lower Upper
73 100
43 21.2 17.1 25.7





#25

Chloroform

Concen: 146.957 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VN086378.D

Acq: 23 Apr 2025 11:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tgt Ion: 83 Resp: 654724

Ion Ratio Lower Upper

83 100

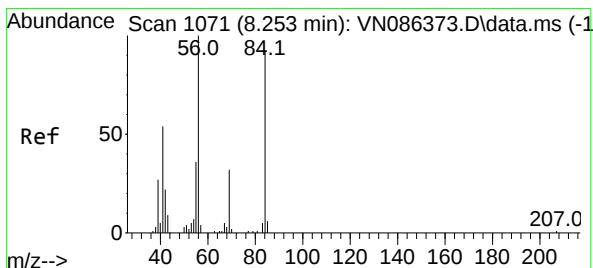
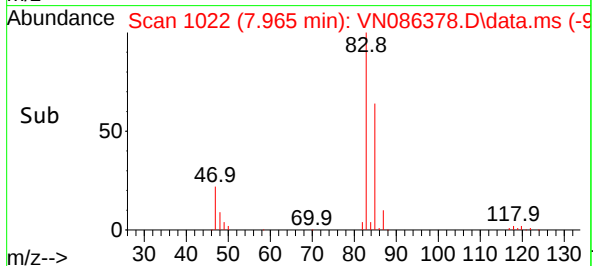
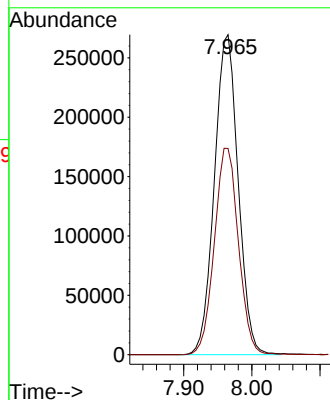
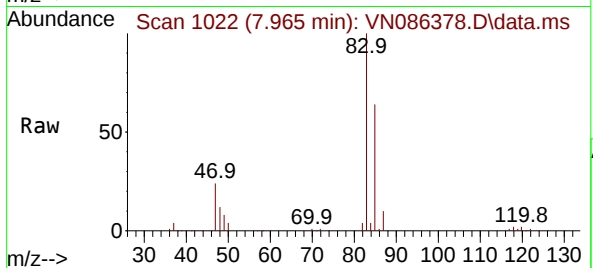
85 64.4 50.2 75.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/24/2025

Supervised By :Mahesh Dadoda 04/25/2025



#26

Cyclohexane

Concen: 145.656 ug/l

RT: 8.253 min Scan# 1071

Delta R.T. 0.000 min

Lab File: VN086378.D

Acq: 23 Apr 2025 11:53

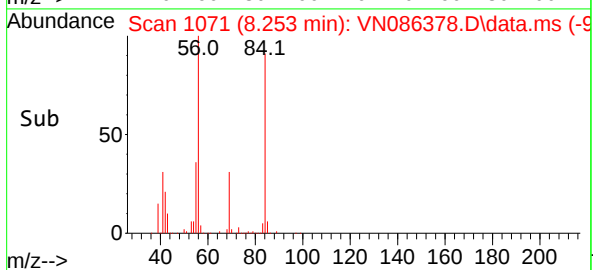
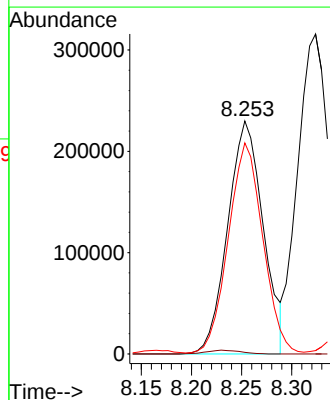
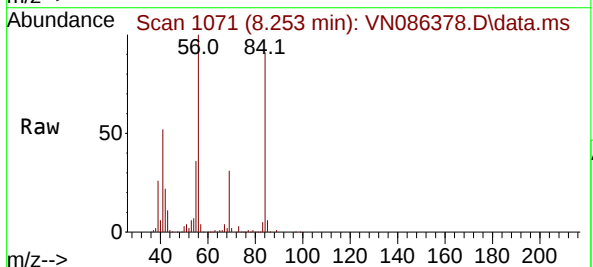
Tgt Ion: 56 Resp: 566144

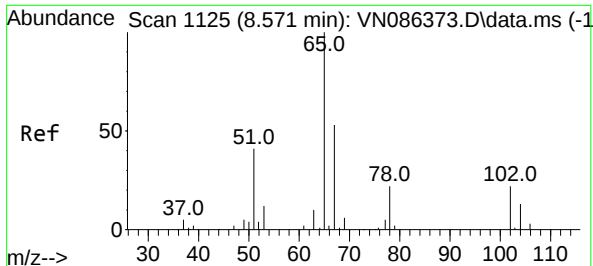
Ion Ratio Lower Upper

56 100

89 1.5 0.0 0.0#

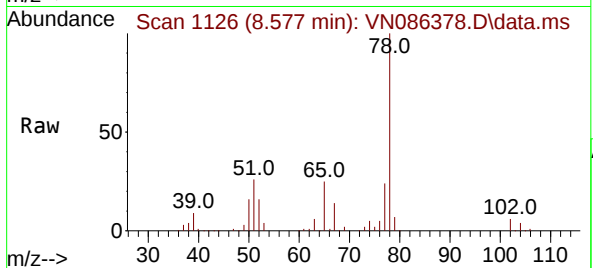
84 88.5 71.5 107.3





#27
 1,2-Dichloroethane-d4
 Concen: 29.005 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. 0.006 min
 Lab File: VN086378.D
 Acq: 23 Apr 2025 11:53

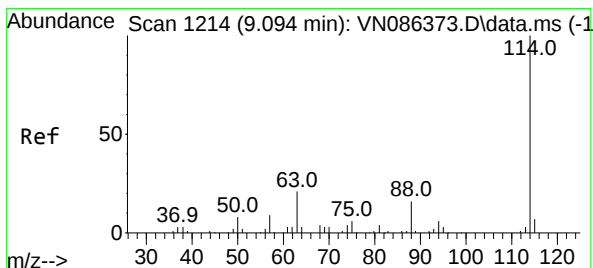
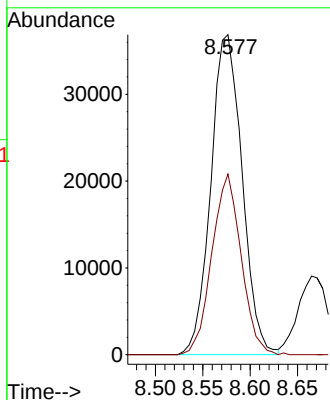
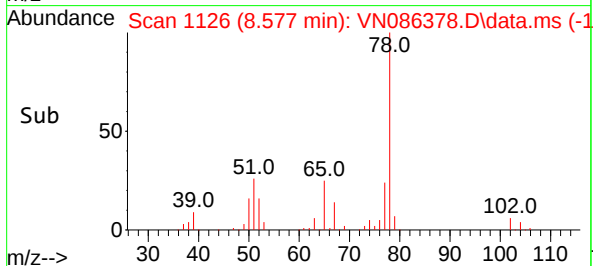
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150



Tgt Ion: 65 Resp: 8479
 Ion Ratio Lower Upper
 65 100
 67 52.7 42.5 63.7

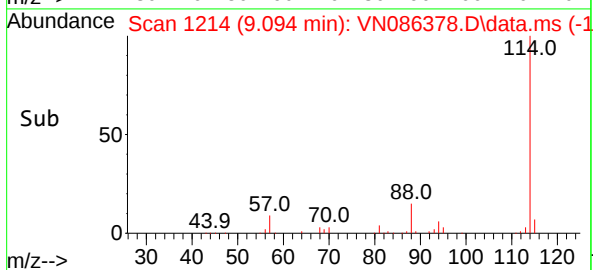
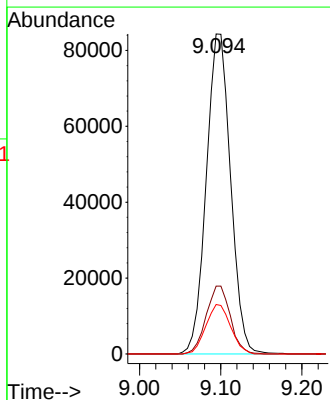
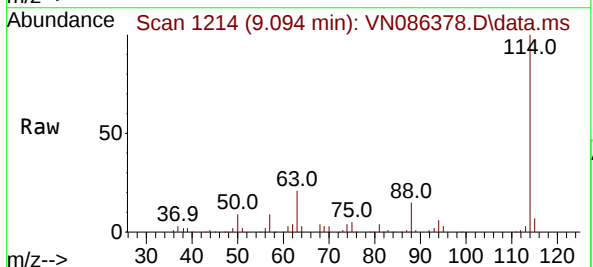
Manual Integrations
 APPROVED

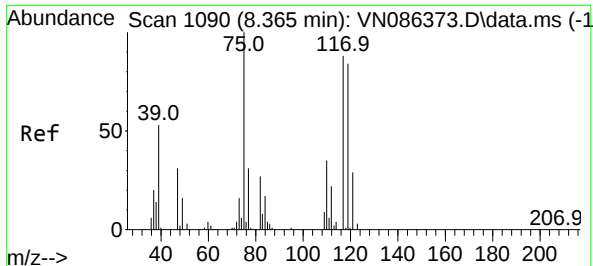
Reviewed By :John Carlone 04/24/2025
 Supervised By :Mahesh Dadoda 04/25/2025



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 9.094 min Scan# 1214
 Delta R.T. 0.000 min
 Lab File: VN086378.D
 Acq: 23 Apr 2025 11:53

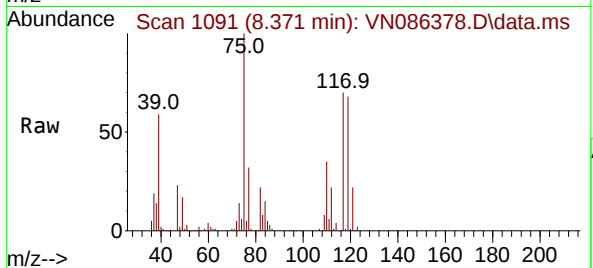
Tgt Ion:114 Resp: 175444
 Ion Ratio Lower Upper
 114 100
 63 21.0 16.7 25.1
 88 15.7 12.6 19.0





#29
1,1-Dichloropropene
Concen: 153.479 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VN086378.D
Acq: 23 Apr 2025 11:53

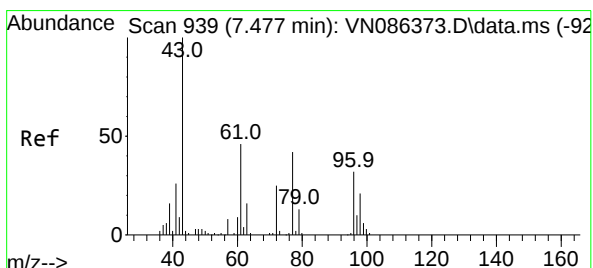
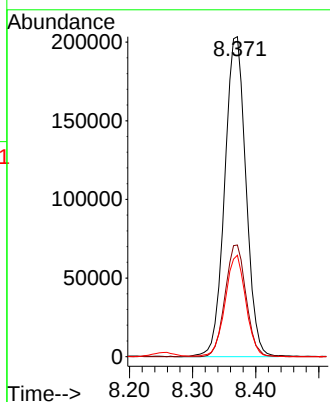
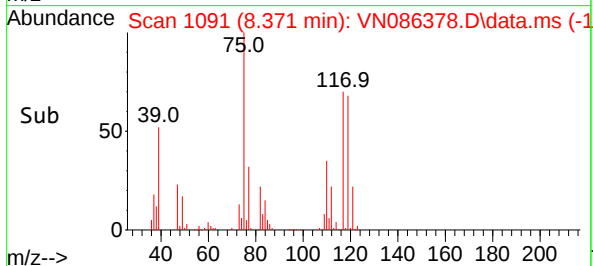
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion: 75 Resp: 47470
Ion Ratio Lower Upper
75 100
110 34.5 0.0 68.0
77 31.1 0.0 61.4

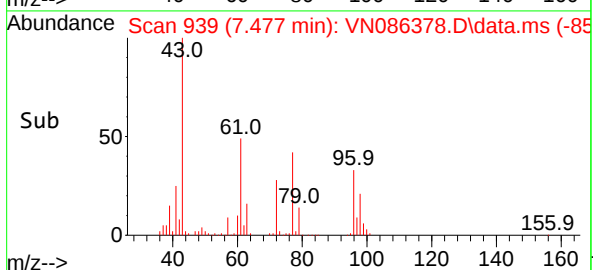
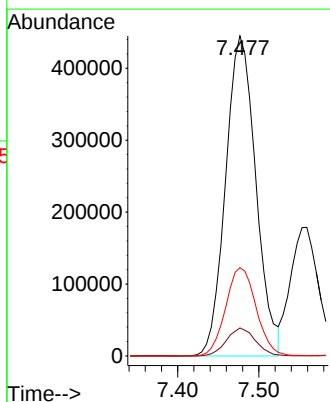
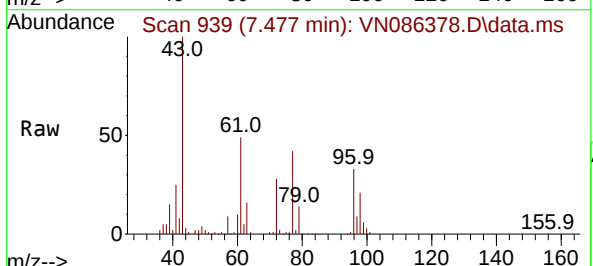
Manual Integrations
APPROVED

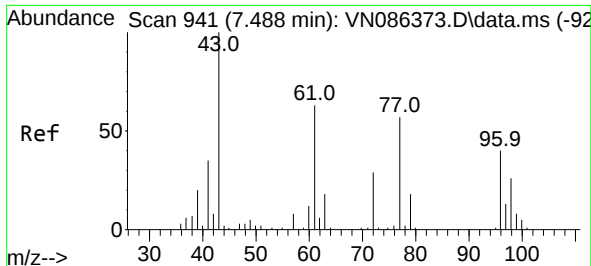
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#30
2-Butanone
Concen: 768.782 ug/l
RT: 7.477 min Scan# 939
Delta R.T. 0.000 min
Lab File: VN086378.D
Acq: 23 Apr 2025 11:53

Tgt Ion: 43 Resp: 1154112
Ion Ratio Lower Upper
43 100
57 8.4 6.6 10.0
72 27.9 22.2 33.4





#31

2,2-Dichloropropane

Concen: 152.287 ug/l

RT: 7.488 min Scan# 941

Delta R.T. 0.000 min

Lab File: VN086378.D

Acq: 23 Apr 2025 11:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC150

Tgt Ion: 77 Resp: 605480

Ion Ratio Lower Upper

77 100

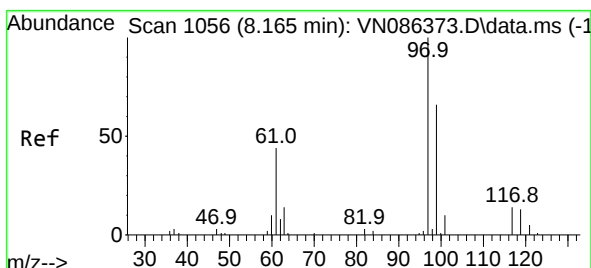
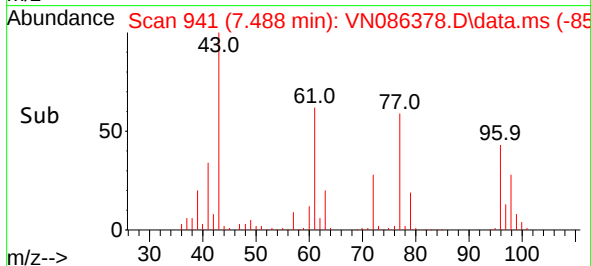
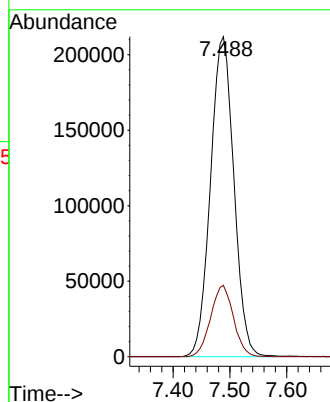
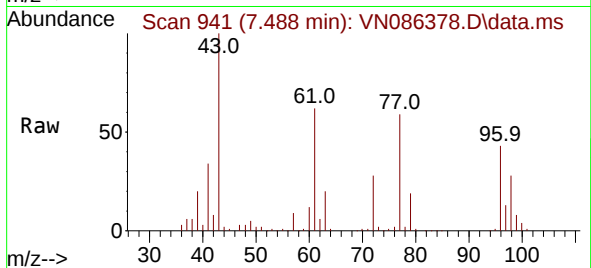
97 21.8 18.2 27.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/24/2025

Supervised By :Mahesh Dadoda 04/25/2025



#32

1,1,1-Trichloroethane

Concen: 151.669 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN086378.D

Acq: 23 Apr 2025 11:53

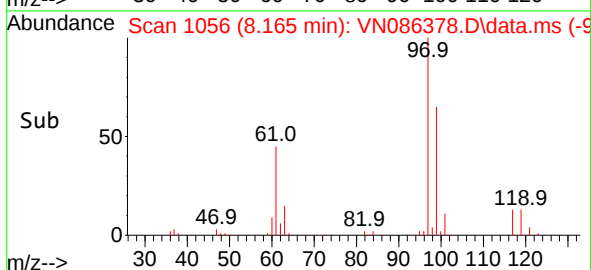
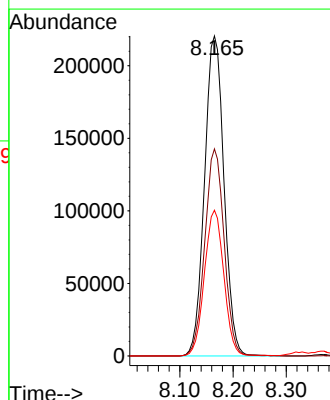
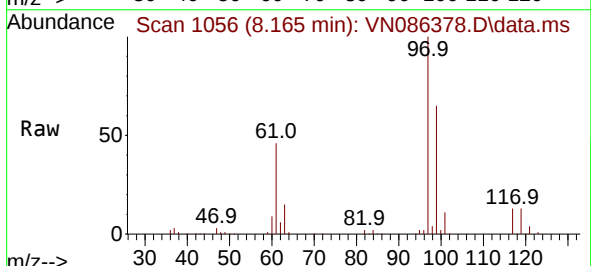
Tgt Ion: 97 Resp: 560564

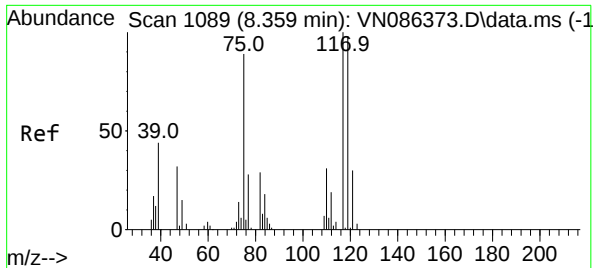
Ion Ratio Lower Upper

97 100

99 64.4 52.6 79.0

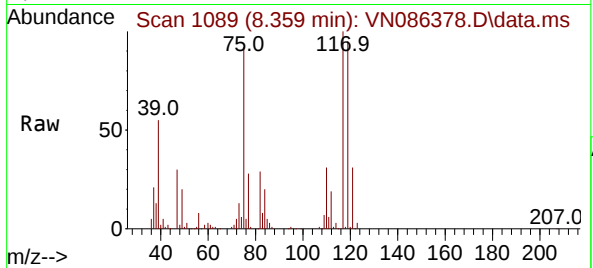
61 45.4 36.4 54.6





#33
Carbon Tetrachloride
Concen: 152.946 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN086378.D
Acq: 23 Apr 2025 11:53

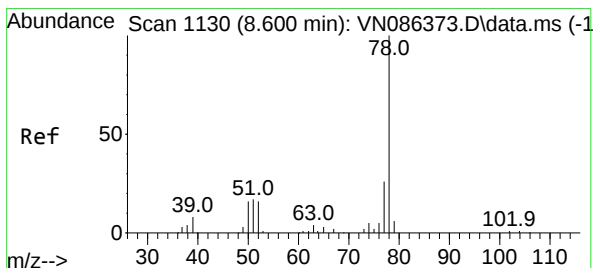
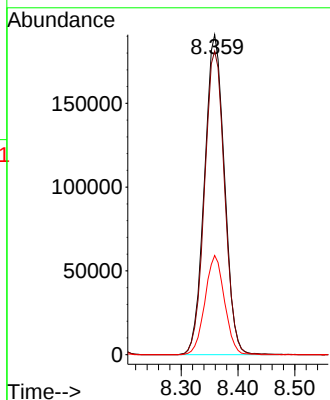
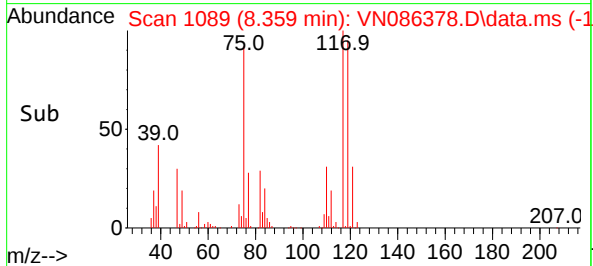
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



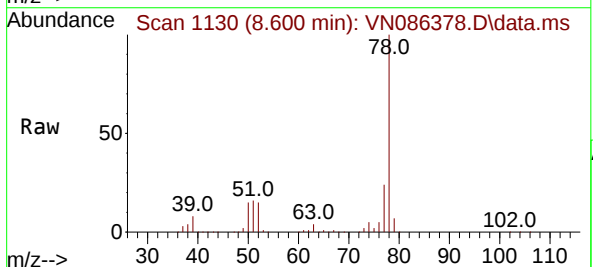
Tgt Ion: 117 Resp: 465350
Ion Ratio Lower Upper
117 100
119 94.9 78.6 117.8
121 31.0 24.0 36.0

Manual Integrations
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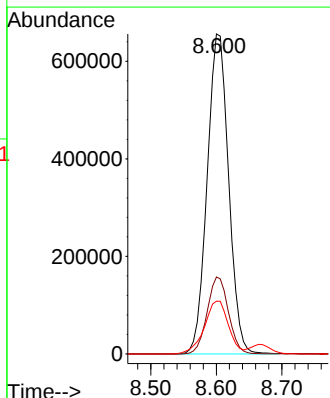
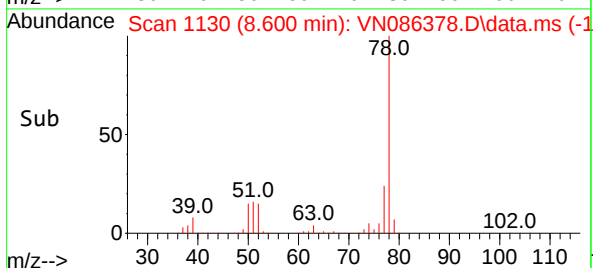
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025

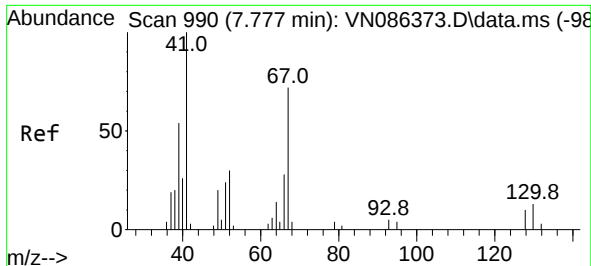


#34
Benzene
Concen: 151.652 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN086378.D
Acq: 23 Apr 2025 11:53



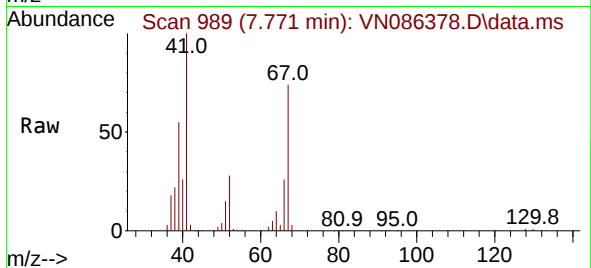
Tgt Ion: 78 Resp: 1491870
Ion Ratio Lower Upper
78 100
77 24.0 20.8 31.2
51 16.3 14.0 21.0





#35
Methacrylonitrile
Concen: 154.415 ug/l
RT: 7.771 min Scan# 989
Delta R.T. -0.006 min
Lab File: VN086378.D
Acq: 23 Apr 2025 11:53

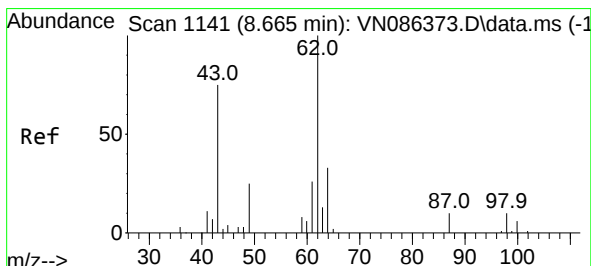
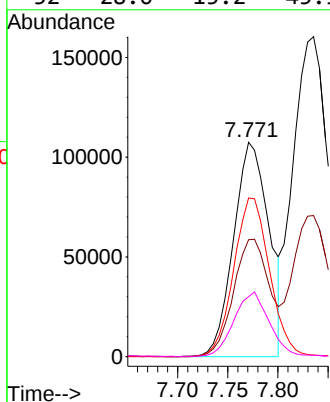
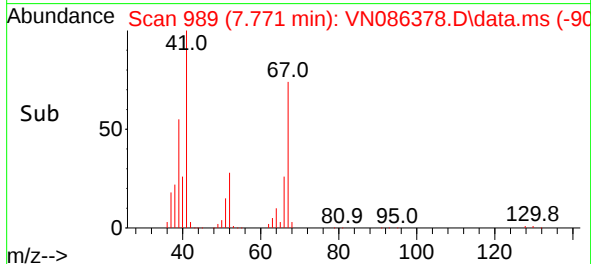
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion: 41 Resp: 26443
Ion Ratio Lower Upper
41 100
39 54.6 27.0 80.8
67 74.1 35.8 107.3
52 28.0 15.2 45.5

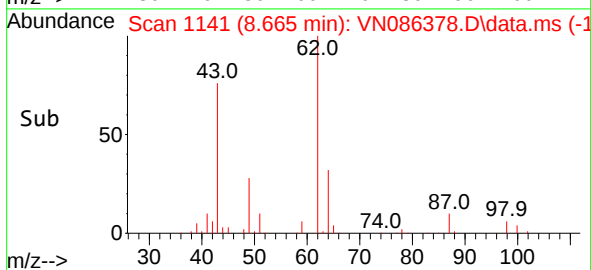
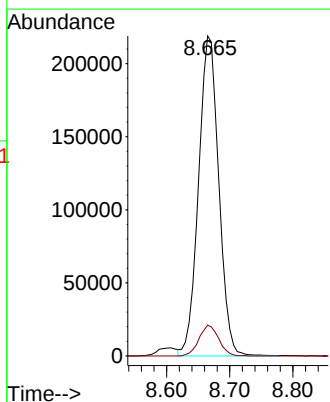
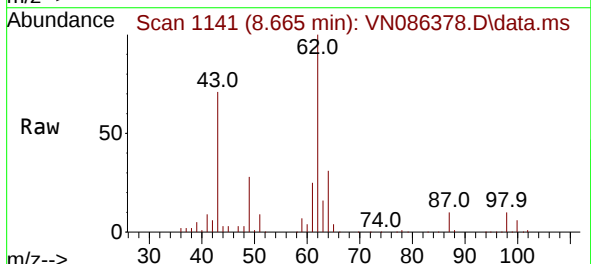
Manual Integrations
APPROVED

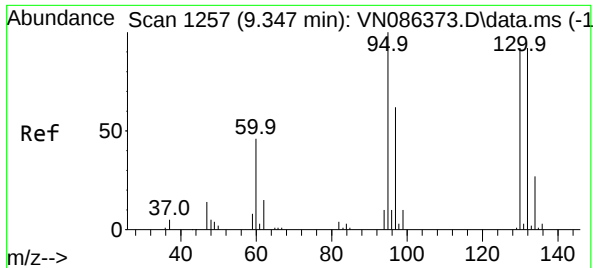
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#36
1,2-Dichloroethane
Concen: 152.489 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. 0.000 min
Lab File: VN086378.D
Acq: 23 Apr 2025 11:53

Tgt Ion: 62 Resp: 487034
Ion Ratio Lower Upper
62 100
98 9.4 7.6 11.4





#37

Trichloroethene

Concen: 157.207 ug/l

RT: 9.347 min Scan# 1257

Delta R.T. 0.000 min

Lab File: VN086378.D

Acq: 23 Apr 2025 11:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC150

Tgt Ion:130 Resp: 38715

Ion Ratio Lower Upper

130 100

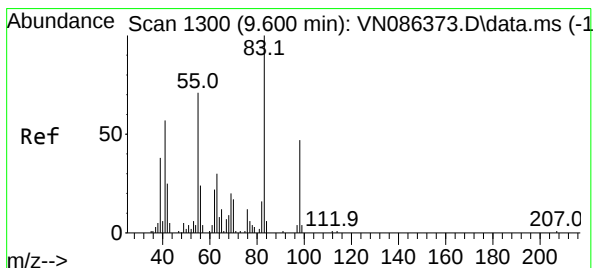
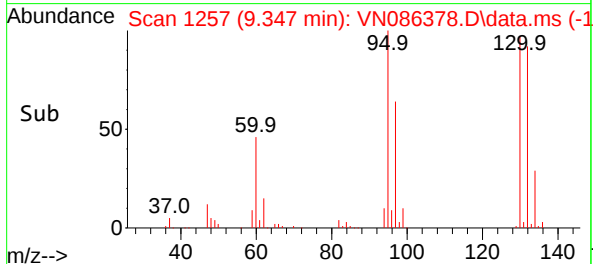
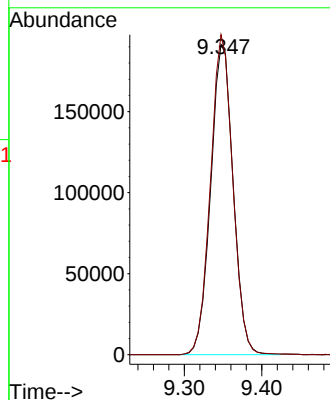
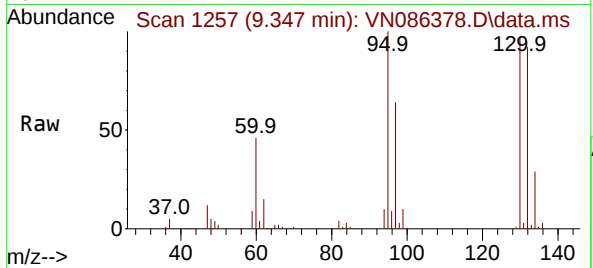
95 103.1 86.6 130.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/24/2025

Supervised By :Mahesh Dadoda 04/25/2025



#38

Methylcyclohexane

Concen: 150.840 ug/l

RT: 9.594 min Scan# 1299

Delta R.T. -0.006 min

Lab File: VN086378.D

Acq: 23 Apr 2025 11:53

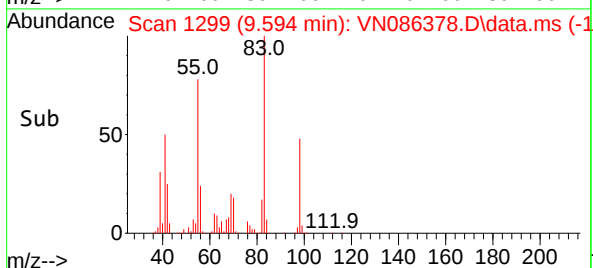
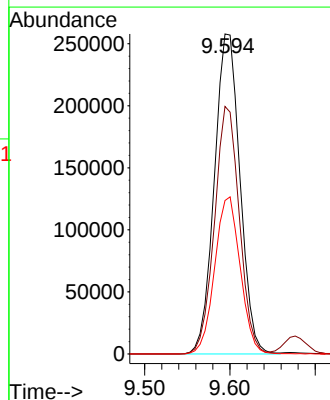
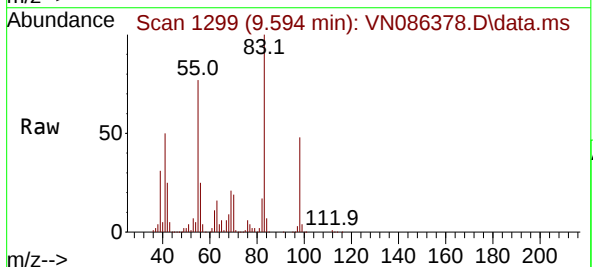
Tgt Ion: 83 Resp: 538821

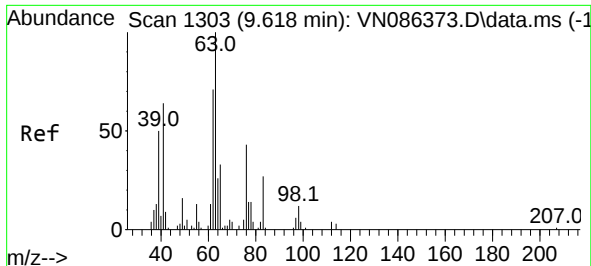
Ion Ratio Lower Upper

83 100

55 75.2 37.3 111.9

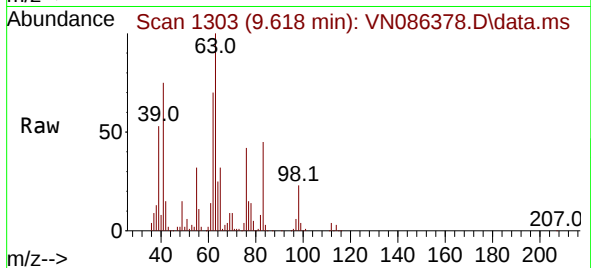
98 48.9 23.8 71.5





#39
1,2-Dichloropropane
Concen: 149.889 ug/l
RT: 9.618 min Scan# 1303
Delta R.T. 0.000 min
Lab File: VN086378.D
Acq: 23 Apr 2025 11:53

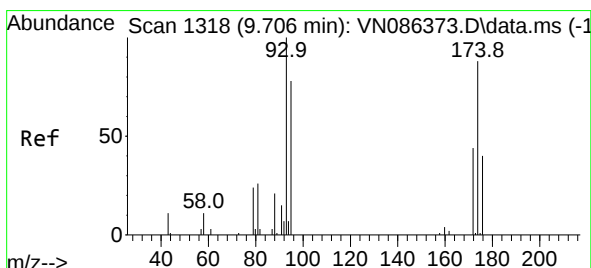
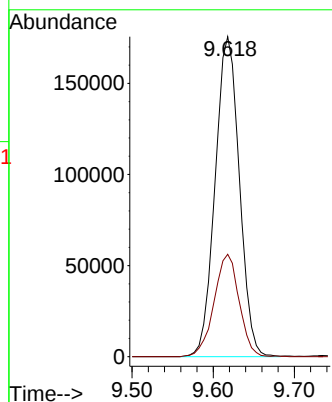
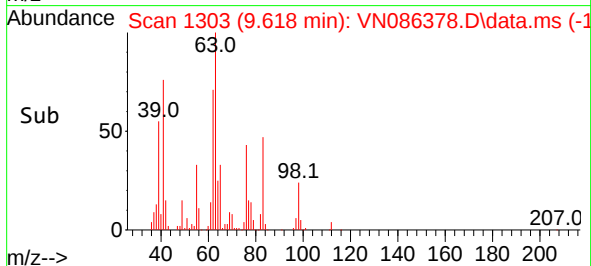
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion: 63 Resp: 36427
Ion Ratio Lower Upper
63 100
65 32.0 26.7 40.1

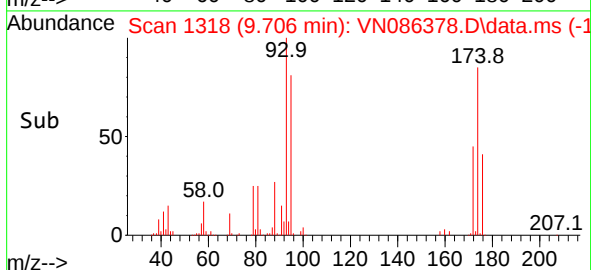
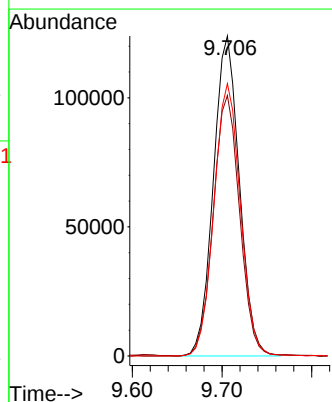
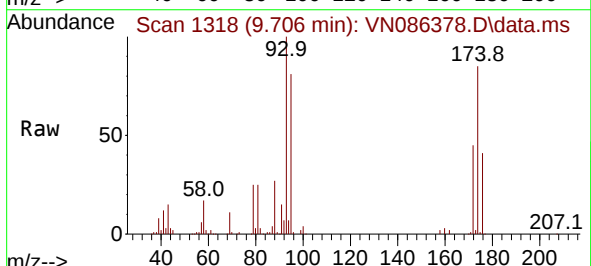
Manual Integrations
APPROVED

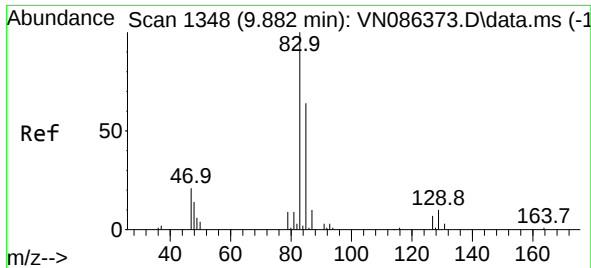
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#40
Dibromomethane
Concen: 153.205 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. 0.000 min
Lab File: VN086378.D
Acq: 23 Apr 2025 11:53

Tgt Ion: 93 Resp: 248997
Ion Ratio Lower Upper
93 100
95 82.7 0.0 159.2
174 86.4 0.0 171.4





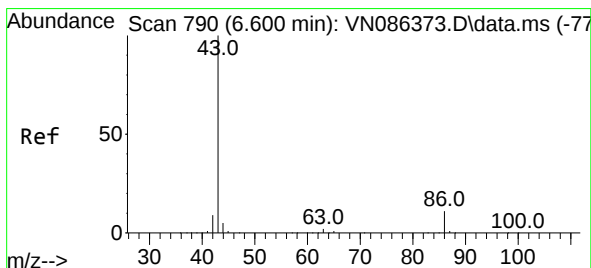
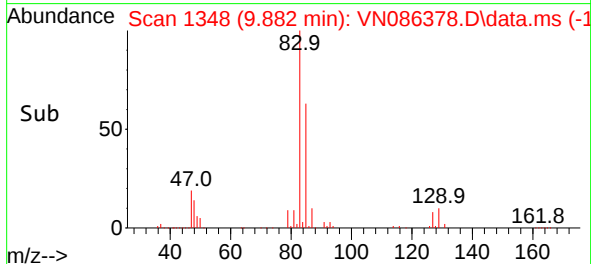
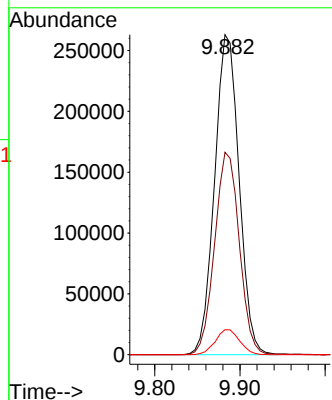
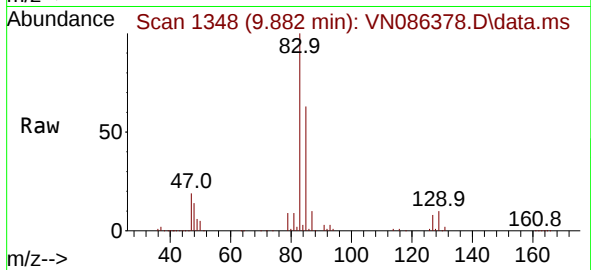
#41
Bromodichloromethane
Concen: 152.734 ug/l
RT: 9.882 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN086378.D
Acq: 23 Apr 2025 11:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion: 83 Resp: 525304
Ion Ratio Lower Upper
83 100
85 63.3 51.1 76.7
127 7.8 5.9 8.9

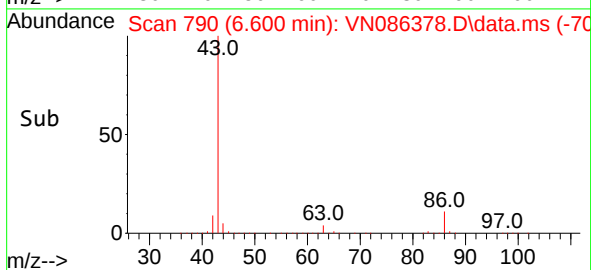
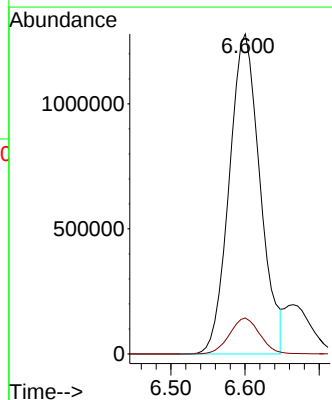
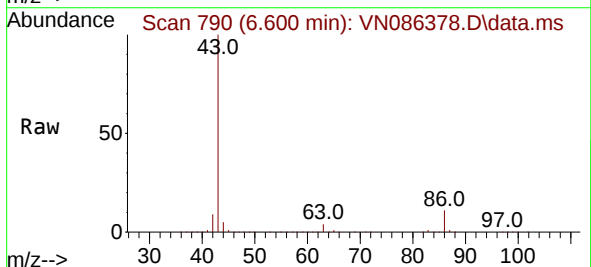
Manual Integrations
APPROVED

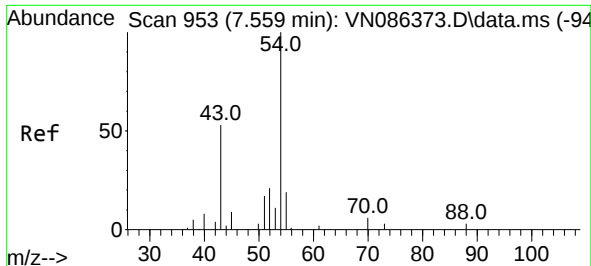
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#42
Vinyl Acetate
Concen: 710.838 ug/l
RT: 6.600 min Scan# 790
Delta R.T. 0.000 min
Lab File: VN086378.D
Acq: 23 Apr 2025 11:53

Tgt Ion: 43 Resp: 3696622
Ion Ratio Lower Upper
43 100
86 11.1 8.9 13.3





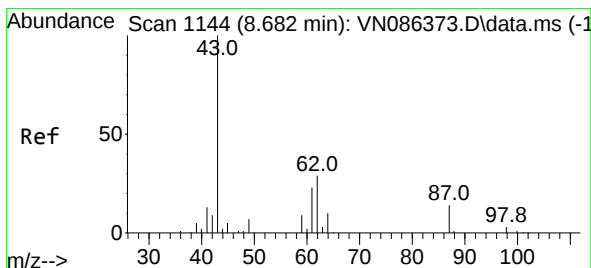
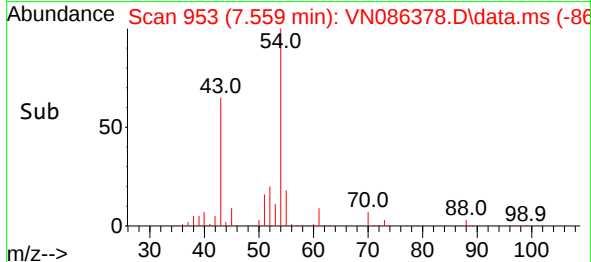
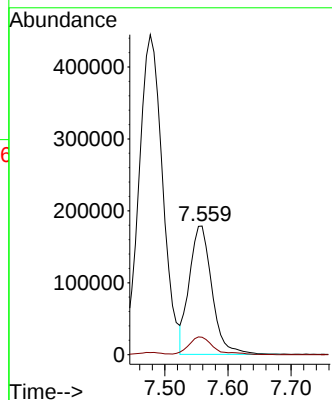
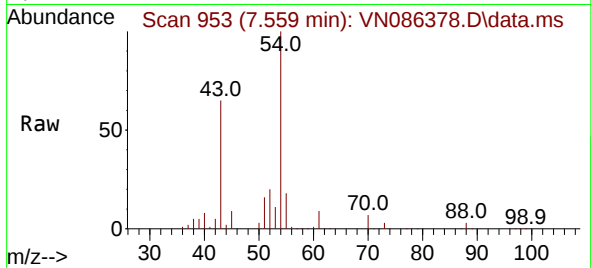
#43
Ethyl Acetate
Concen: 149.188 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN086378.D
Acq: 23 Apr 2025 11:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Tgt Ion: 43 Resp: 44321
Ion Ratio Lower Upper
43 100
45 14.9 11.4 17.2

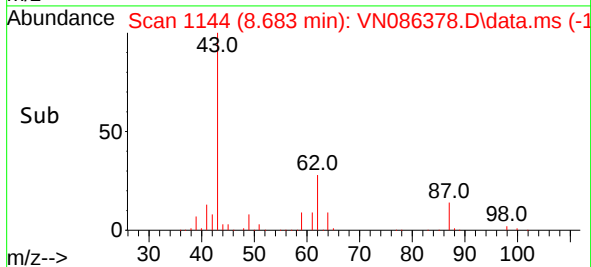
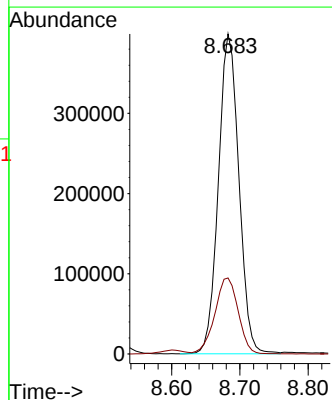
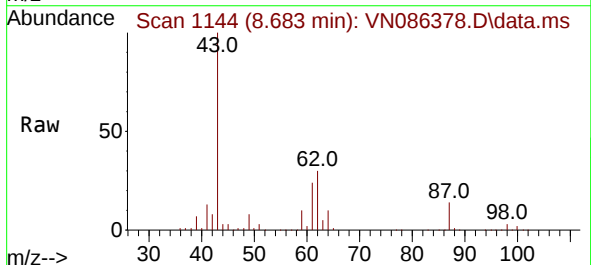
Manual Integrations
APPROVED

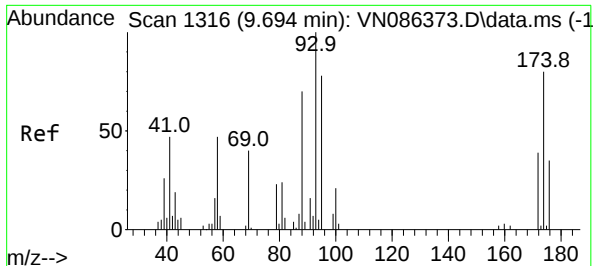
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#44
Isopropyl Acetate
Concen: 147.977 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. 0.000 min
Lab File: VN086378.D
Acq: 23 Apr 2025 11:53

Tgt Ion: 43 Resp: 834366
Ion Ratio Lower Upper
43 100
61 27.1 21.0 31.4





#45

1,4-Dioxane

Concen: 2954.683 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.000 min

Lab File: VN086378.D

Acq: 23 Apr 2025 11:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC150

Tgt Ion: 88 Resp: 12998

Ion Ratio Lower Upper

88 100

43 27.3 24.9 37.3

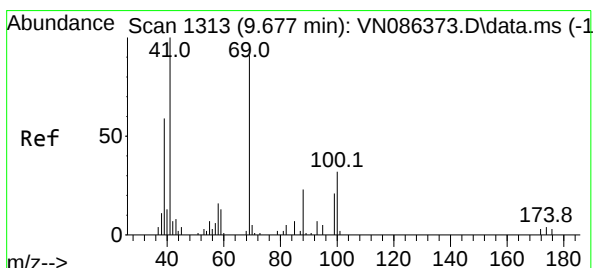
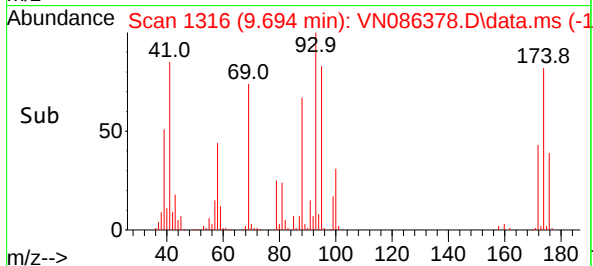
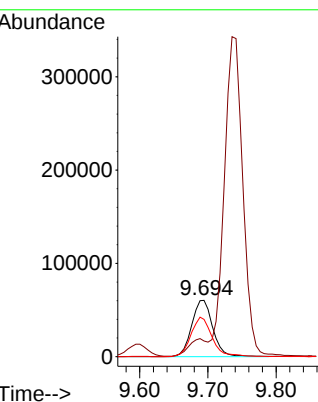
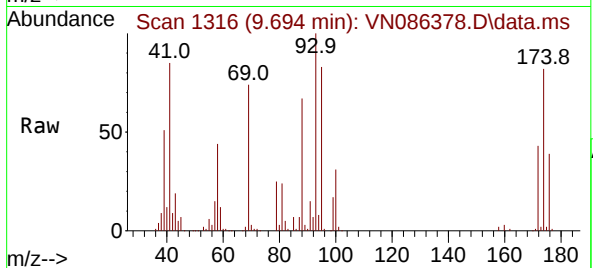
58 70.5 57.8 86.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/24/2025

Supervised By :Mahesh Dadoda 04/25/2025



#46

Methyl methacrylate

Concen: 153.385 ug/l

RT: 9.677 min Scan# 1313

Delta R.T. 0.000 min

Lab File: VN086378.D

Acq: 23 Apr 2025 11:53

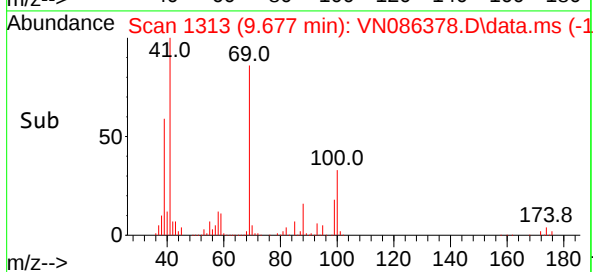
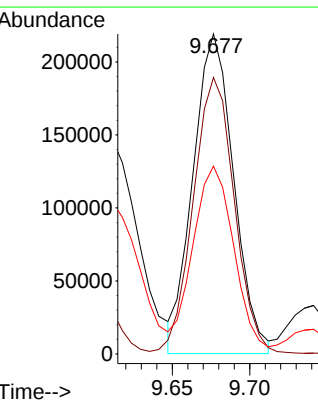
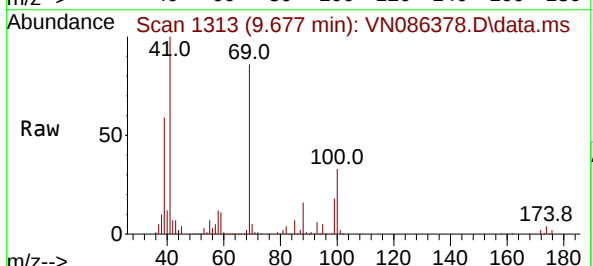
Tgt Ion: 41 Resp: 398936

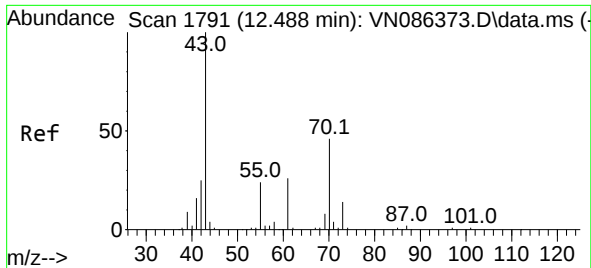
Ion Ratio Lower Upper

41 100

69 88.0 44.1 132.3

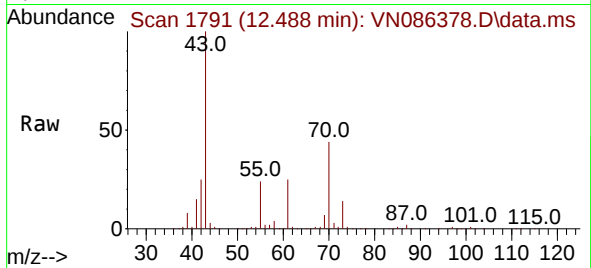
39 58.8 30.0 90.1





#47
n-amyl acetate
Concen: 165.368 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VN086378.D
Acq: 23 Apr 2025 11:53

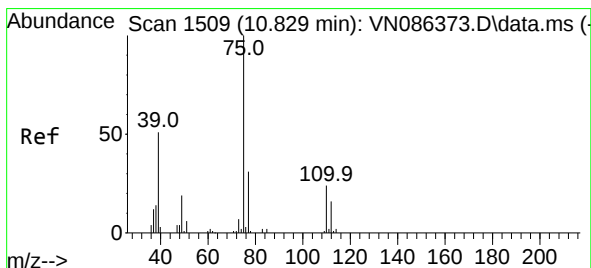
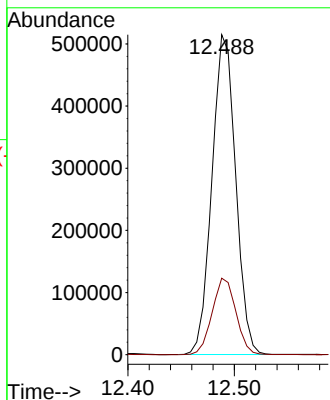
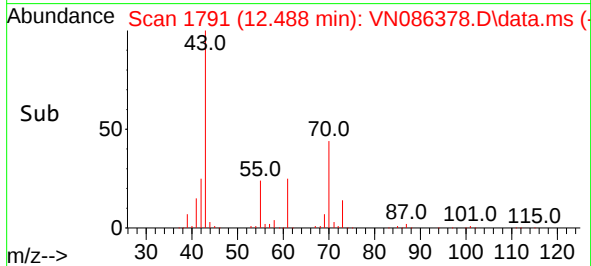
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion: 43 Resp: 794729
Ion Ratio Lower Upper
43 100
55 24.0 19.4 29.0

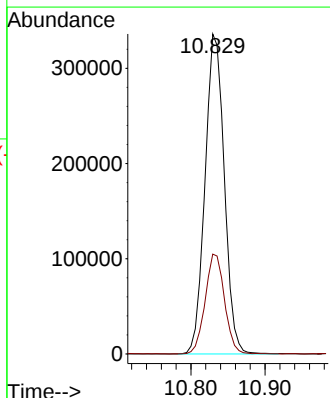
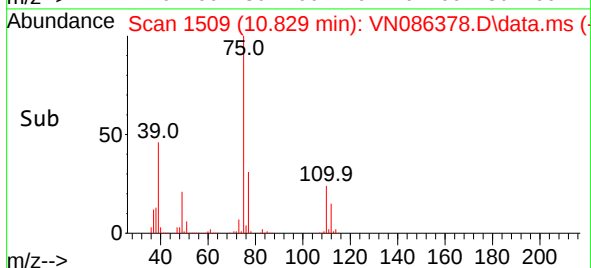
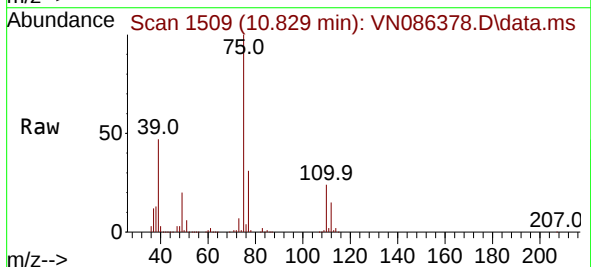
Manual Integrations
APPROVED

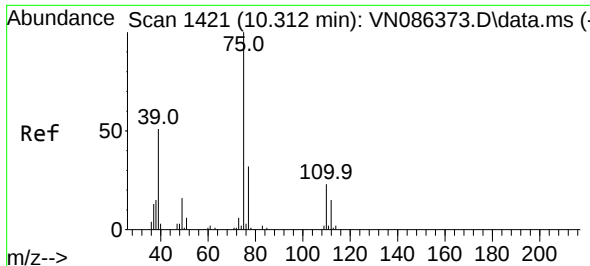
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#48
t-1,3-Dichloropropene
Concen: 157.708 ug/l
RT: 10.829 min Scan# 1509
Delta R.T. 0.000 min
Lab File: VN086378.D
Acq: 23 Apr 2025 11:53

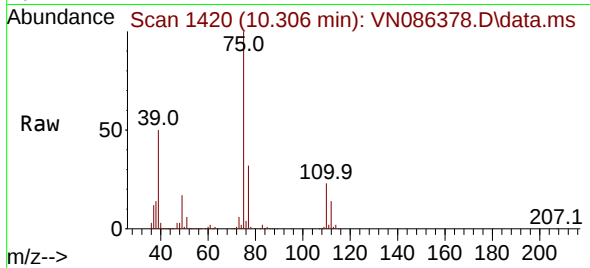
Tgt Ion: 75 Resp: 606406
Ion Ratio Lower Upper
75 100
77 31.1 24.4 36.6





#49
 cis-1,3-Dichloropropene
 Concen: 155.890 ug/l
 RT: 10.306 min Scan# 1421
 Delta R.T. -0.006 min
 Lab File: VN086378.D
 Acq: 23 Apr 2025 11:53

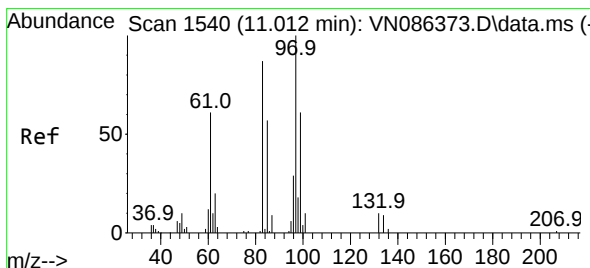
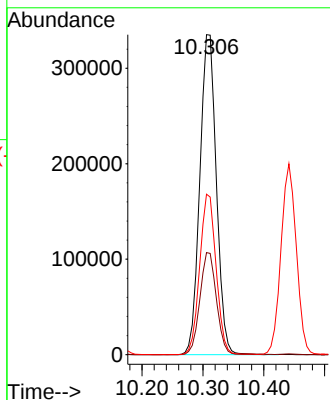
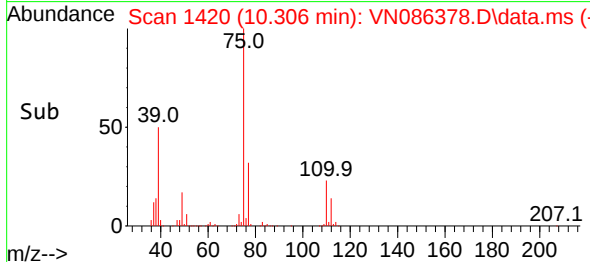
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC150



Tgt Ion: 75 Resp: 632110
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.6 38.4
 39 50.1 40.6 60.8

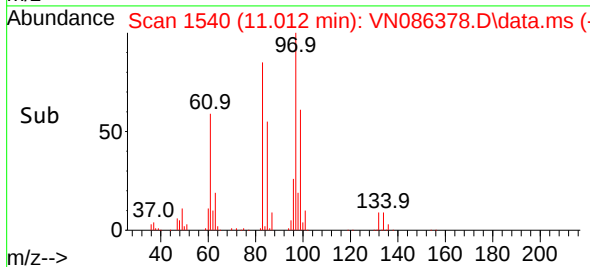
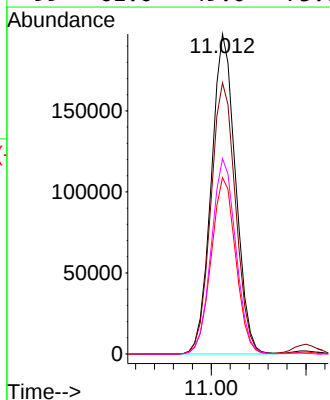
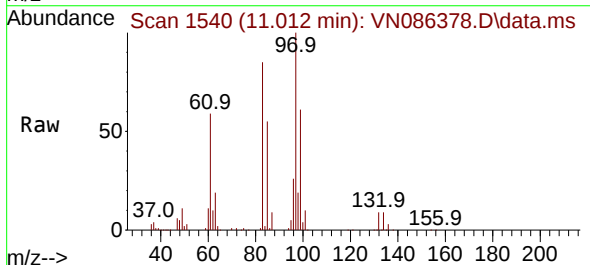
Manual Integrations
 APPROVED

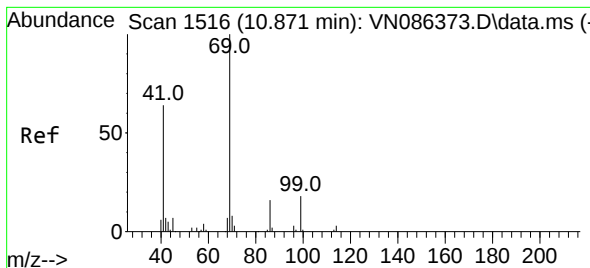
Reviewed By :John Carlone 04/24/2025
 Supervised By :Mahesh Dadoda 04/25/2025



#50
 1,1,2-Trichloroethane
 Concen: 154.894 ug/l
 RT: 11.012 min Scan# 1540
 Delta R.T. 0.000 min
 Lab File: VN086378.D
 Acq: 23 Apr 2025 11:53

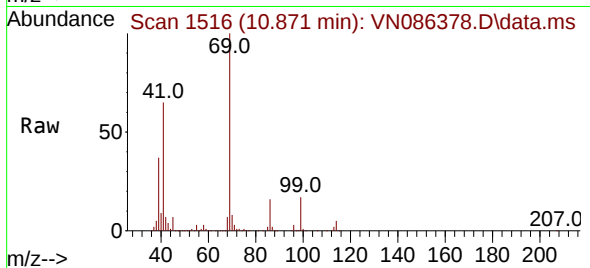
Tgt Ion: 97 Resp: 351630
 Ion Ratio Lower Upper
 97 100
 83 84.7 69.3 103.9
 85 55.1 45.5 68.3
 99 61.0 49.0 73.6





#51
Ethyl methacrylate
Concen: 158.346 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VN086378.D
Acq: 23 Apr 2025 11:53

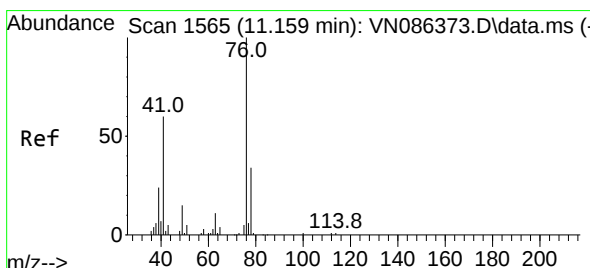
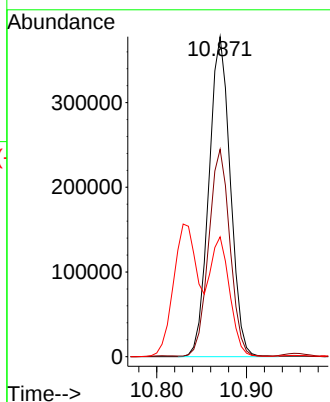
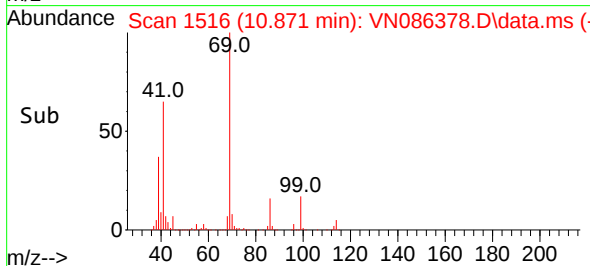
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



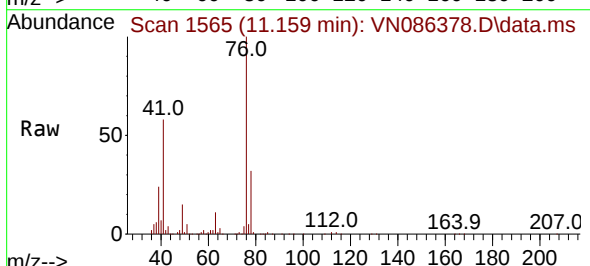
Tgt Ion: 69 Resp: 626040
Ion Ratio Lower Upper
69 100
41 64.6 32.3 96.8
39 37.3 19.1 57.1

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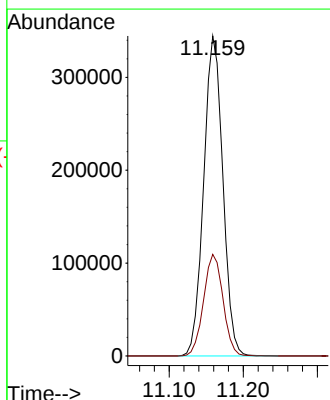
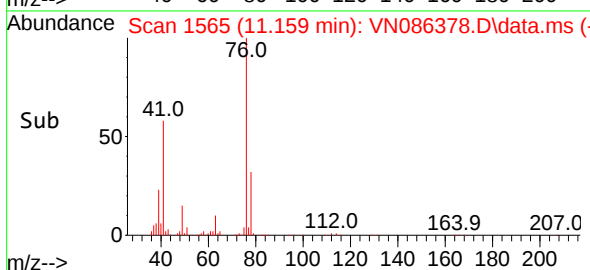
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025

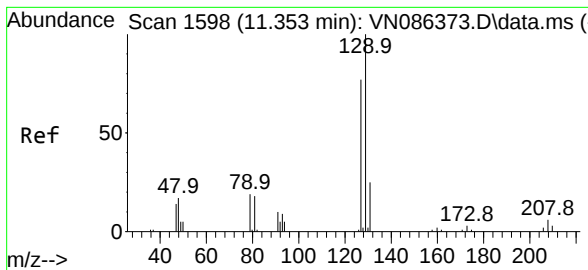


#52
1,3-Dichloropropane
Concen: 154.247 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. 0.000 min
Lab File: VN086378.D
Acq: 23 Apr 2025 11:53



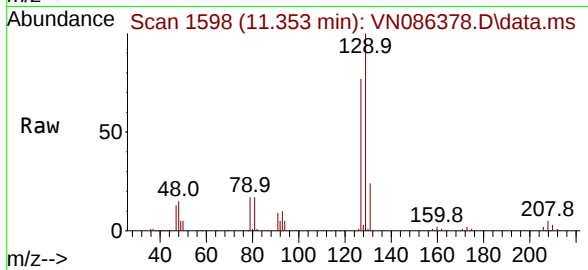
Tgt Ion: 76 Resp: 618867
Ion Ratio Lower Upper
76 100
78 32.2 0.0 65.6





#53
Dibromochloromethane
Concen: 157.150 ug/l
RT: 11.353 min Scan# 1598
Delta R.T. 0.000 min
Lab File: VN086378.D
Acq: 23 Apr 2025 11:53

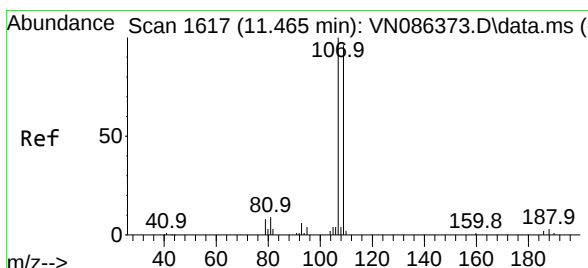
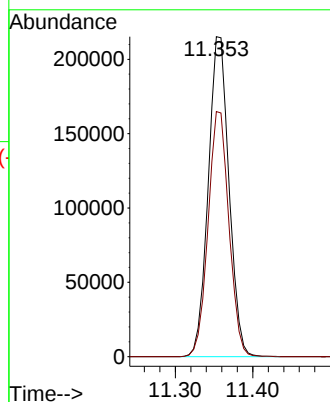
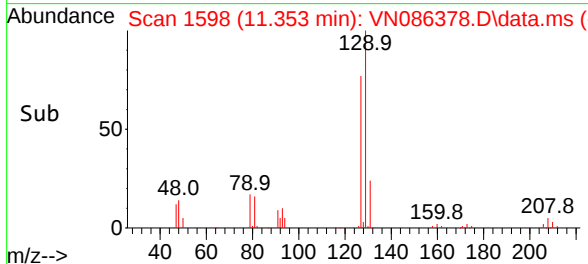
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



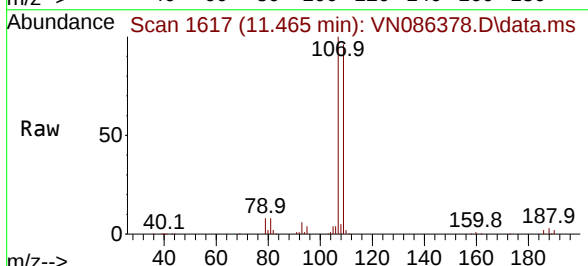
Tgt Ion:129 Resp: 400588
Ion Ratio Lower Upper
129 100
127 76.9 38.8 116.3

Manual Integrations
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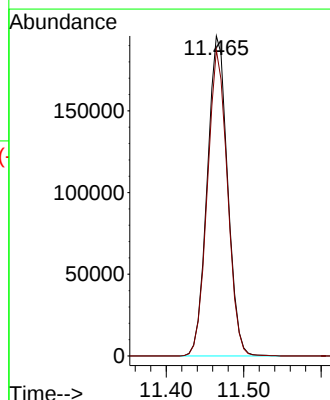
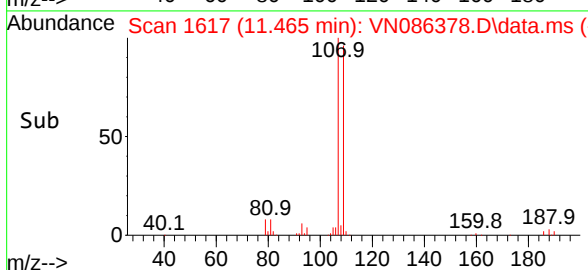
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025

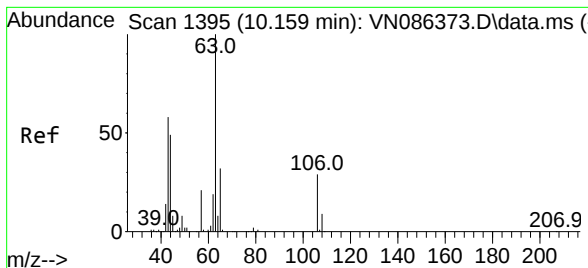


#54
1,2-Dibromoethane
Concen: 154.682 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VN086378.D
Acq: 23 Apr 2025 11:53



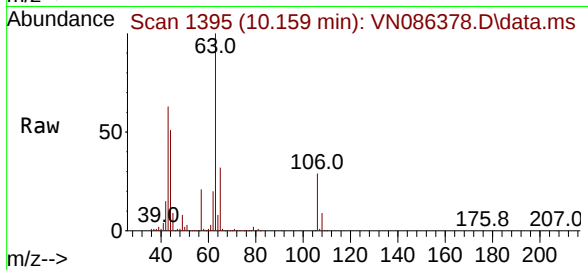
Tgt Ion:107 Resp: 357033
Ion Ratio Lower Upper
107 100
109 94.3 75.4 113.0





#55
2-Chloroethyl vinyl ether
Concen: 811.169 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN086378.D
Acq: 23 Apr 2025 11:53

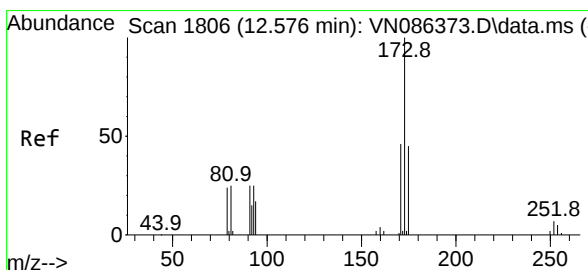
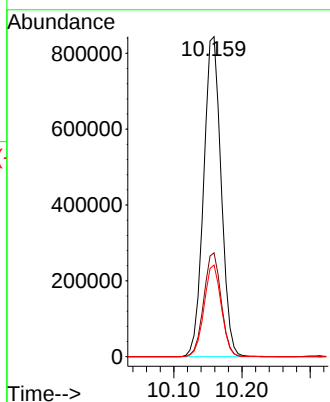
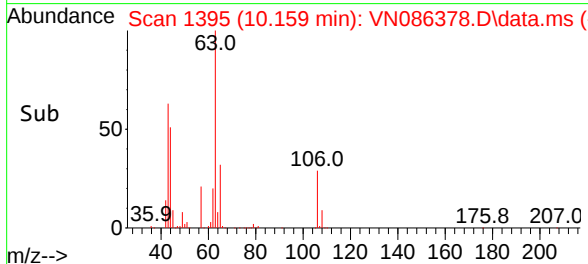
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



Tgt Ion: 63 Resp: 1507820
Ion Ratio Lower Upper
63 100
65 32.2 25.7 38.5
106 28.3 22.3 33.5

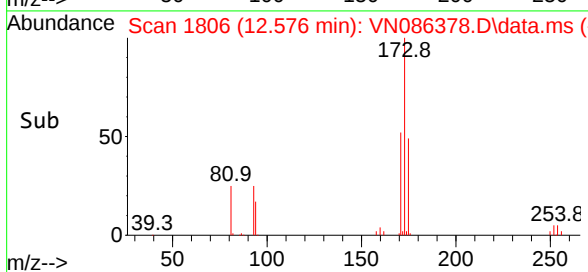
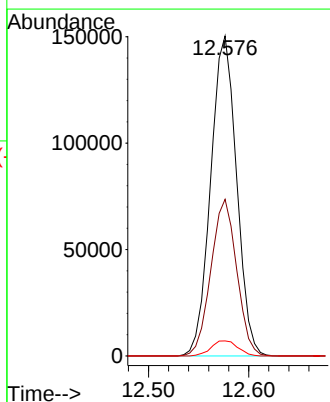
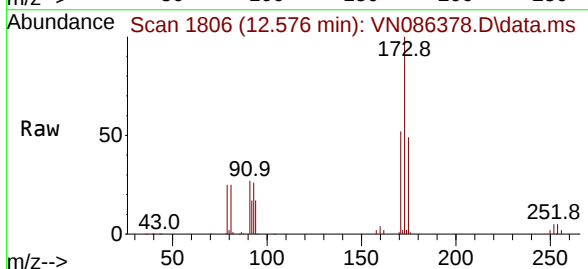
Manual Integrations
APPROVED

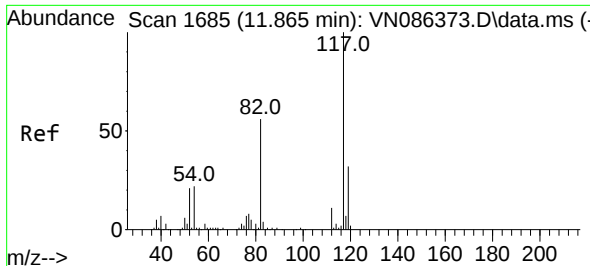
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#56
Bromoform
Concen: 163.108 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN086378.D
Acq: 23 Apr 2025 11:53

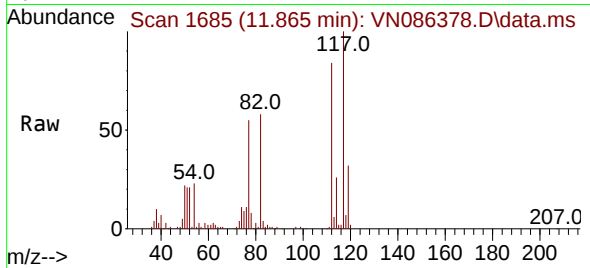
Tgt Ion:173 Resp: 269808
Ion Ratio Lower Upper
173 100
175 48.7 39.0 58.6
254 4.9 3.8 5.6





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN086378.D
Acq: 23 Apr 2025 11:53

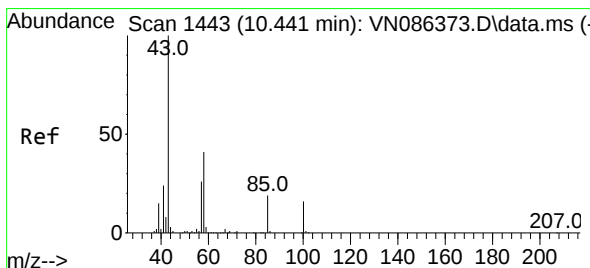
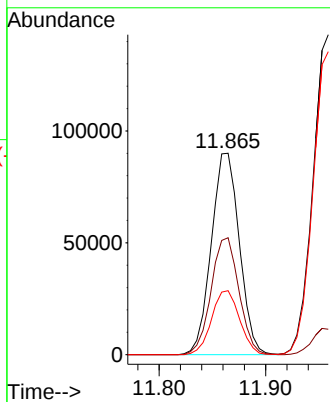
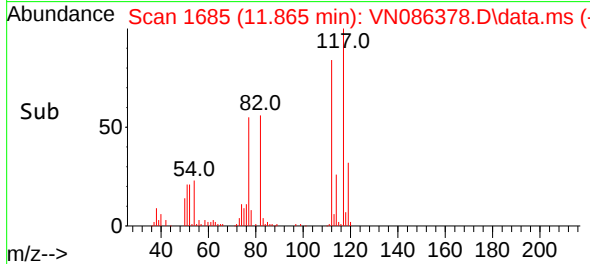
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



Tgt Ion:117 Resp: 16486
Ion Ratio Lower Upper
117 100
82 57.6 45.5 68.3
119 31.8 25.9 38.9

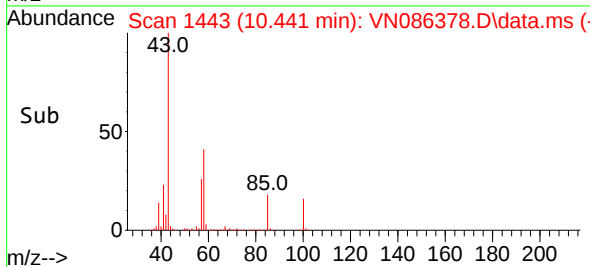
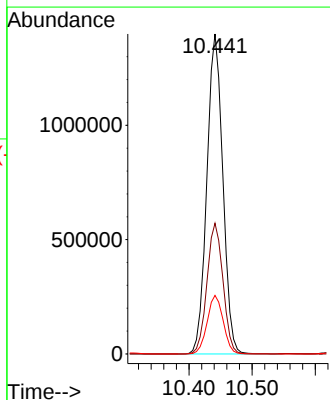
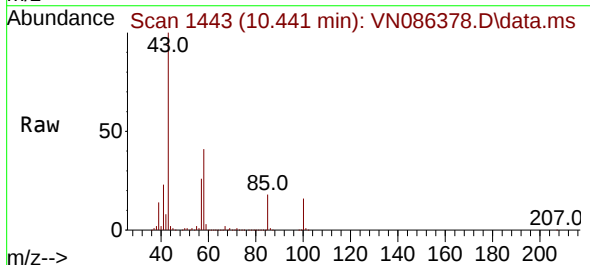
Manual Integrations
APPROVED

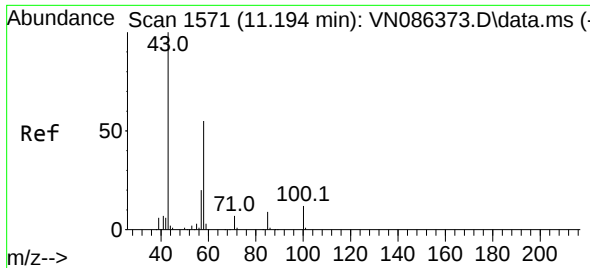
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#58
4-Methyl-2-Pentanone
Concen: 770.528 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN086378.D
Acq: 23 Apr 2025 11:53

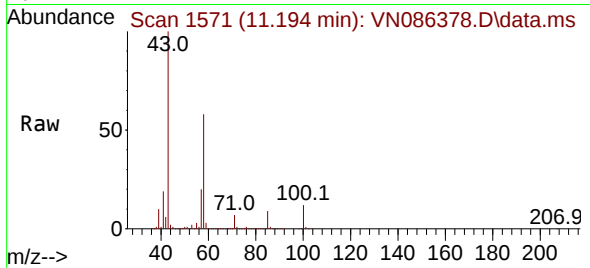
Tgt Ion: 43 Resp: 2458272
Ion Ratio Lower Upper
43 100
58 41.0 33.0 49.6
85 18.4 14.9 22.3





#59
2-Hexanone
Concen: 773.342 ug/l
RT: 11.194 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN086378.D
Acq: 23 Apr 2025 11:53

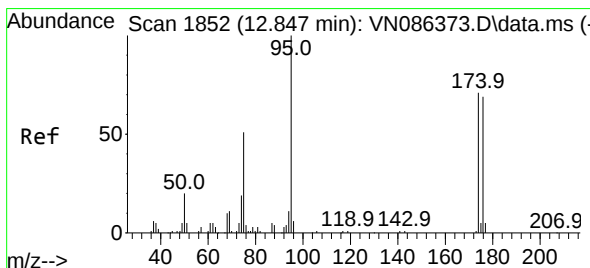
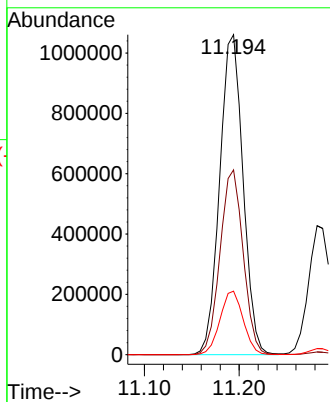
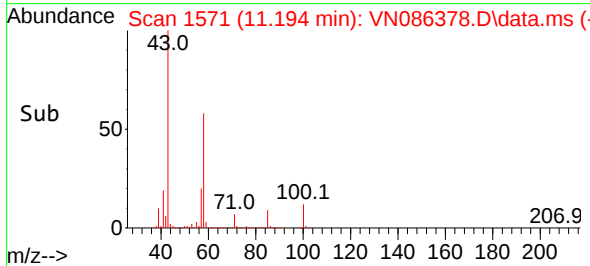
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



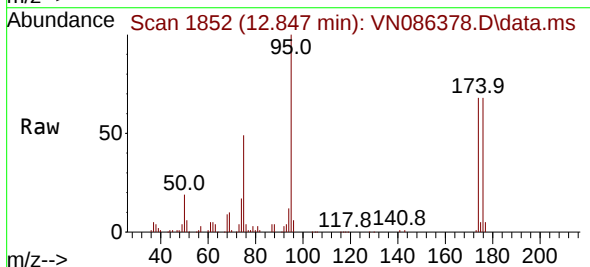
Tgt Ion: 43 Resp: 181818
Ion Ratio Lower Upper
43 100
58 57.3 45.0 67.6
57 19.8 15.5 23.3

Manual Integrations
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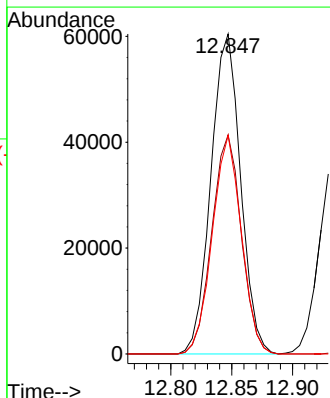
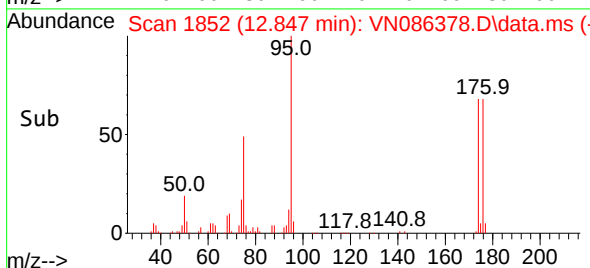
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025

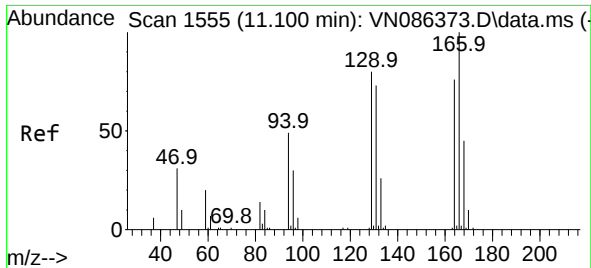


#60
4-Bromofluorobenzene
Concen: 31.582 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN086378.D
Acq: 23 Apr 2025 11:53



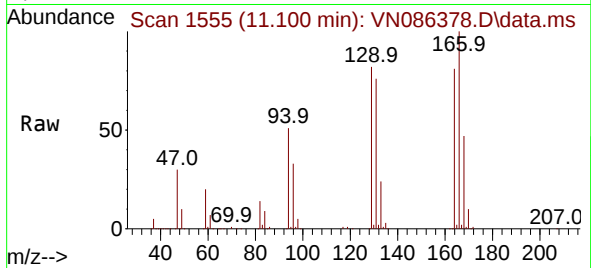
Tgt Ion: 95 Resp: 102335
Ion Ratio Lower Upper
95 100
174 68.2 56.6 84.8
176 66.8 53.3 79.9





#61
Tetrachloroethene
Concen: 154.457 ug/l
RT: 11.100 min Scan# 1155
Delta R.T. 0.000 min
Lab File: VN086378.D
Acq: 23 Apr 2025 11:53

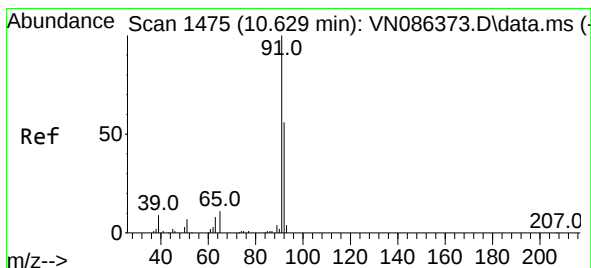
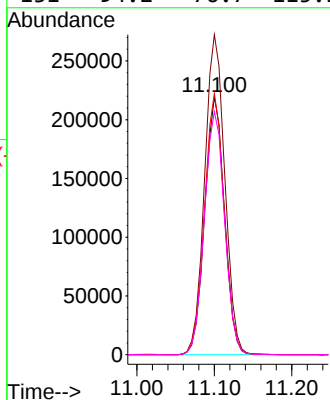
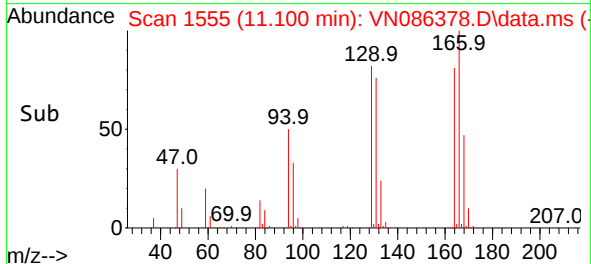
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



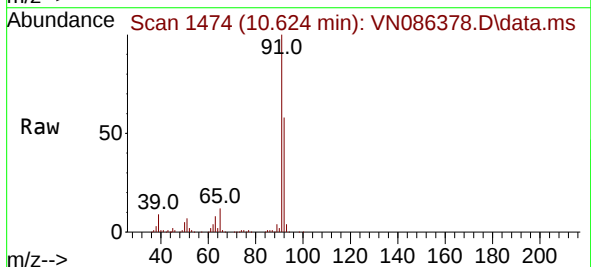
Tgt Ion:164 Resp: 38838
Ion Ratio Lower Upper
164 100
166 124.0 105.0 157.4
129 101.3 83.9 125.9
131 94.2 76.7 115.1

Manual Integrations
APPROVED

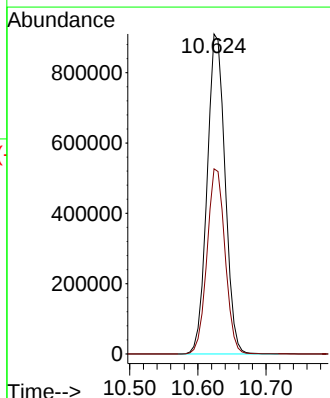
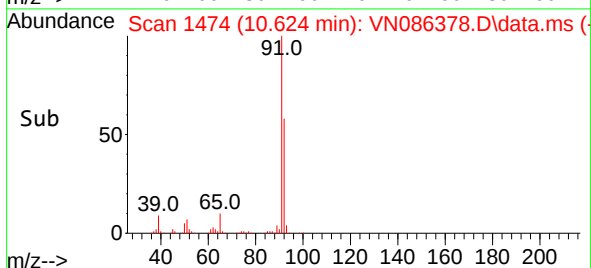
Reviewed By :John Carbone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025

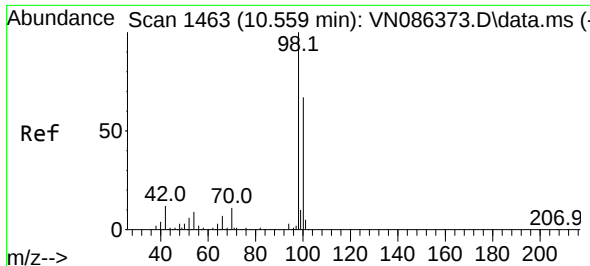


#62
Toluene
Concen: 151.191 ug/l
RT: 10.624 min Scan# 1474
Delta R.T. -0.006 min
Lab File: VN086378.D
Acq: 23 Apr 2025 11:53



Tgt Ion: 91 Resp: 1668443
Ion Ratio Lower Upper
91 100
92 58.1 45.7 68.5





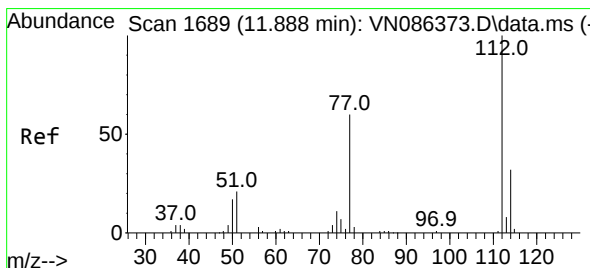
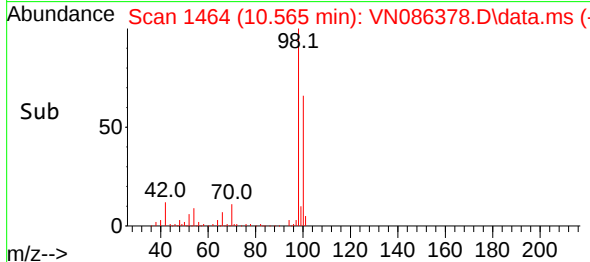
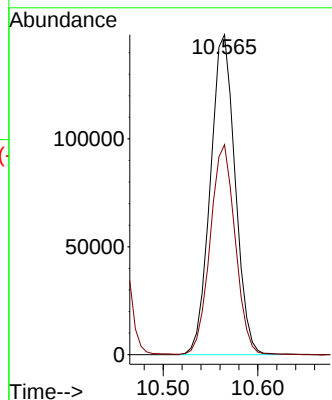
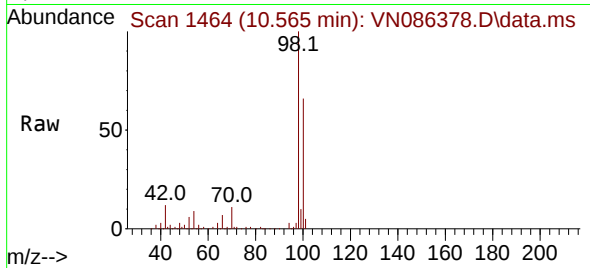
#63
Toluene-d8
Concen: 29.701 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN086378.D
Acq: 23 Apr 2025 11:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Tgt Ion: 98 Resp: 269389
Ion Ratio Lower Upper
98 100
100 65.8 53.1 79.7

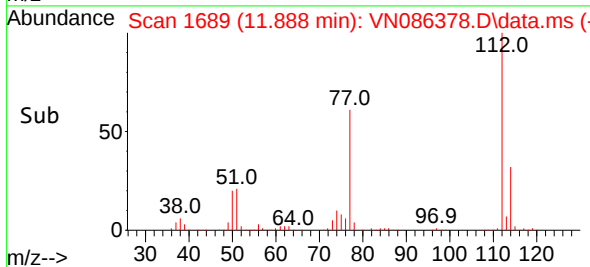
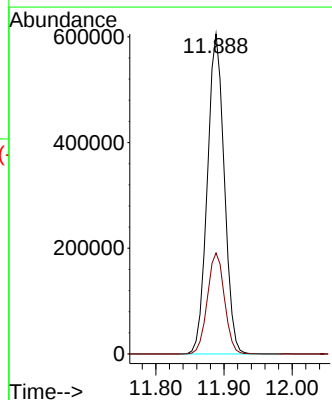
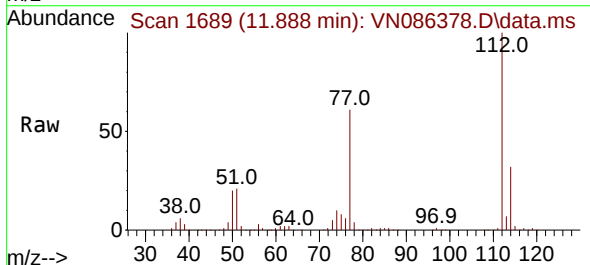
Manual Integrations
APPROVED

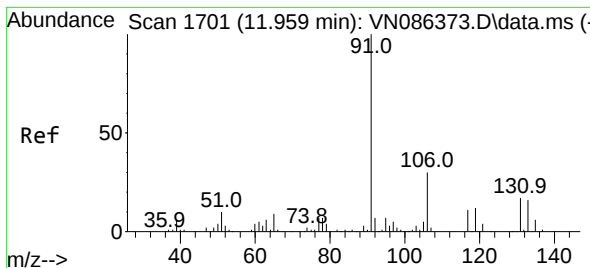
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#64
Chlorobenzene
Concen: 152.021 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN086378.D
Acq: 23 Apr 2025 11:53

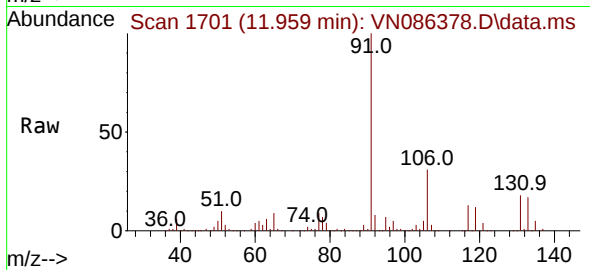
Tgt Ion:112 Resp: 1045317
Ion Ratio Lower Upper
112 100
114 31.6 25.6 38.4





#65
 1,1,1,2-Tetrachloroethane
 Concen: 154.833 ug/l
 RT: 11.959 min Scan# 1701
 Delta R.T. 0.000 min
 Lab File: VN086378.D
 Acq: 23 Apr 2025 11:53

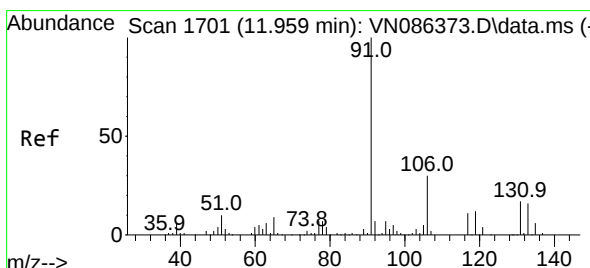
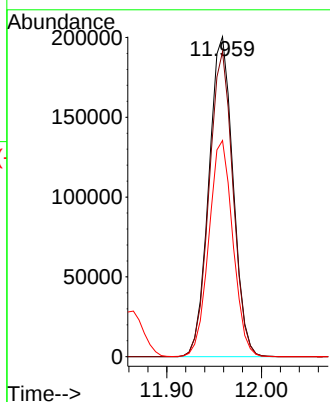
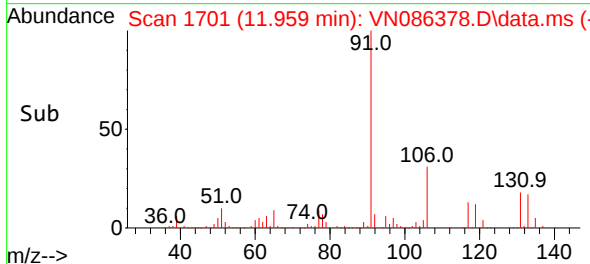
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150



Tgt Ion:131 Resp: 355984
 Ion Ratio Lower Upper
 131 100
 133 94.3 0.0 191.4
 119 67.1 0.0 133.6

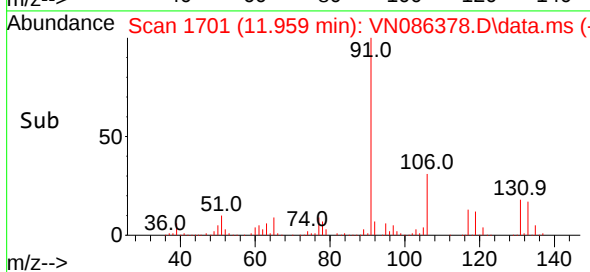
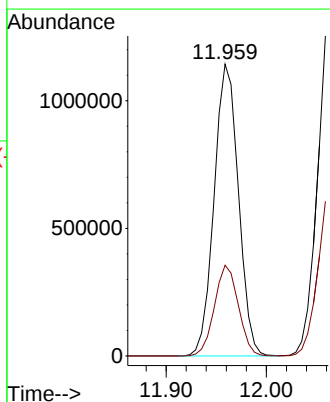
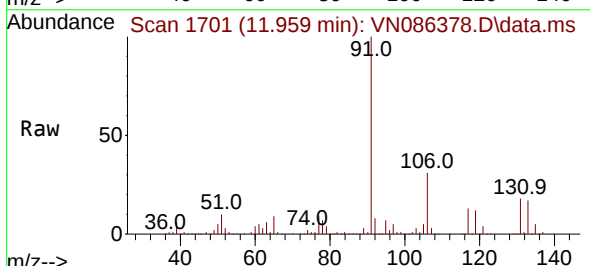
Manual Integrations
 APPROVED

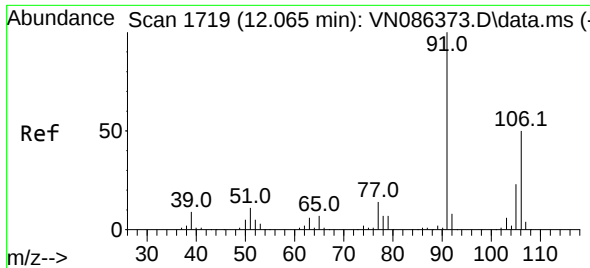
Reviewed By :John Carlone 04/24/2025
 Supervised By :Mahesh Dadoda 04/25/2025



#66
 Ethyl Benzene
 Concen: 154.943 ug/l
 RT: 11.959 min Scan# 1701
 Delta R.T. 0.000 min
 Lab File: VN086378.D
 Acq: 23 Apr 2025 11:53

Tgt Ion: 91 Resp: 1924632
 Ion Ratio Lower Upper
 91 100
 106 31.1 24.3 36.5





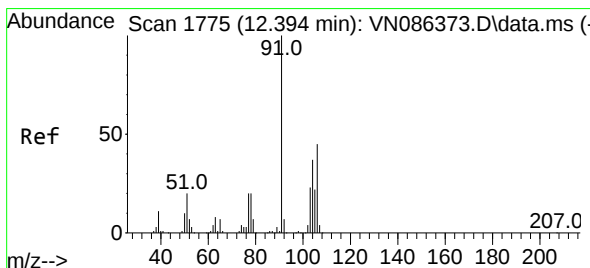
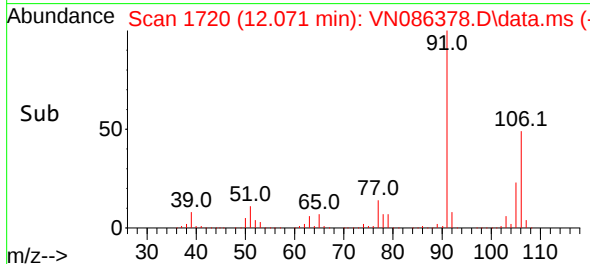
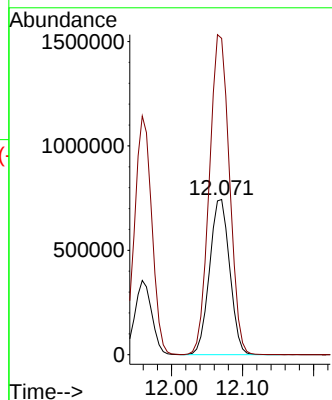
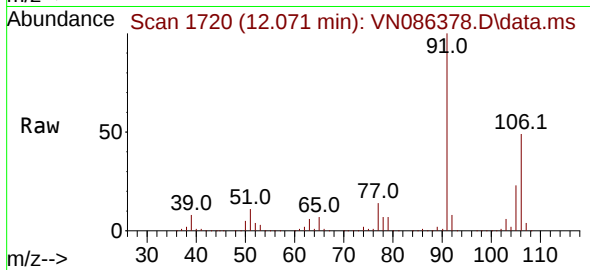
#67
m/p-Xylenes
Concen: 311.039 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.006 min
Lab File: VN086378.D
Acq: 23 Apr 2025 11:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Tgt Ion:106 Resp: 1465950
Ion Ratio Lower Upper
106 100
91 205.7 162.6 243.8

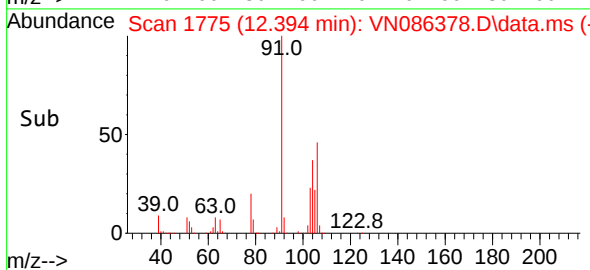
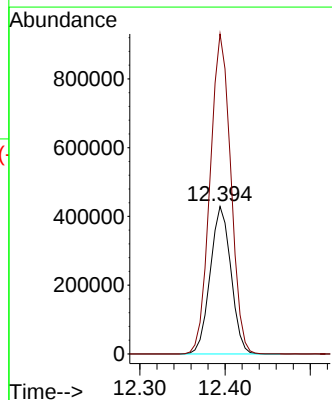
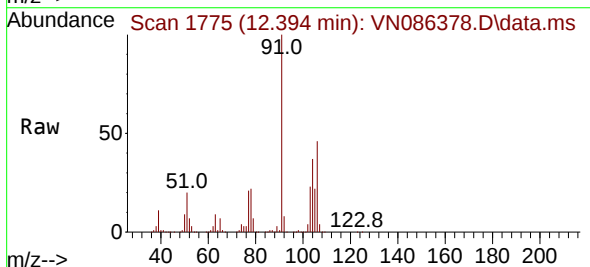
Manual Integrations
APPROVED

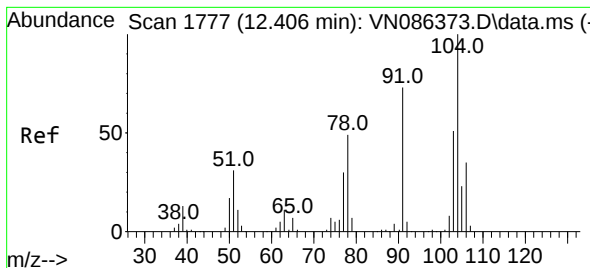
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#68
o-Xylene
Concen: 156.834 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN086378.D
Acq: 23 Apr 2025 11:53

Tgt Ion:106 Resp: 723738
Ion Ratio Lower Upper
106 100
91 217.1 110.6 331.6





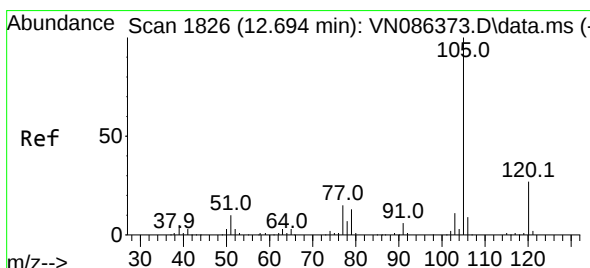
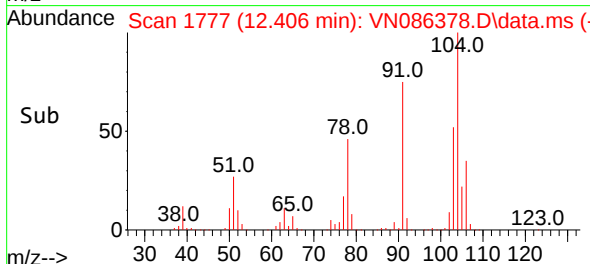
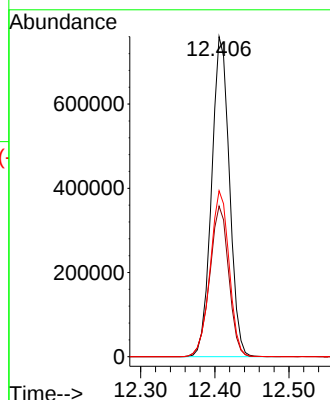
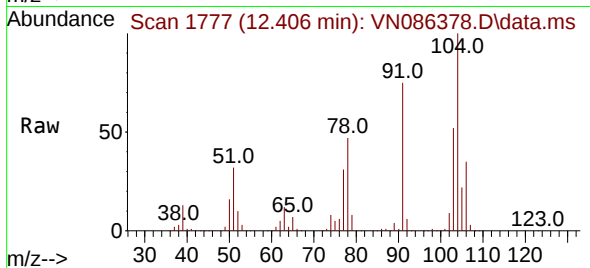
#69
Styrene
Concen: 162.527 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VN086378.D
Acq: 23 Apr 2025 11:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Tgt Ion:104 Resp: 1271240
Ion Ratio Lower Upper
104 100
78 50.0 40.2 60.4
103 54.9 43.8 65.8

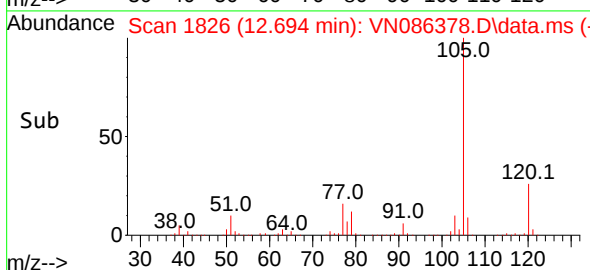
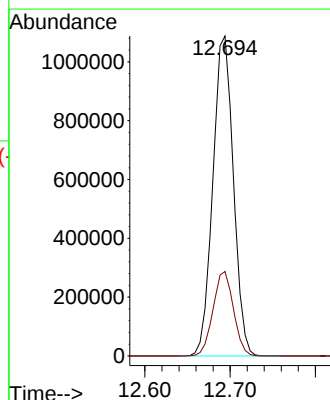
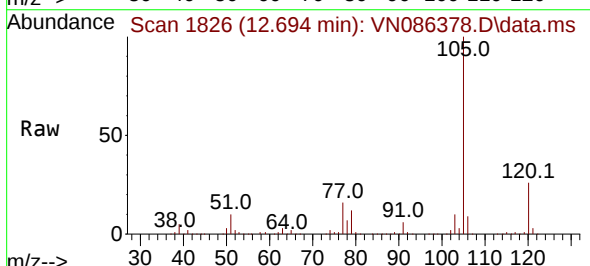
Manual Integrations
APPROVED

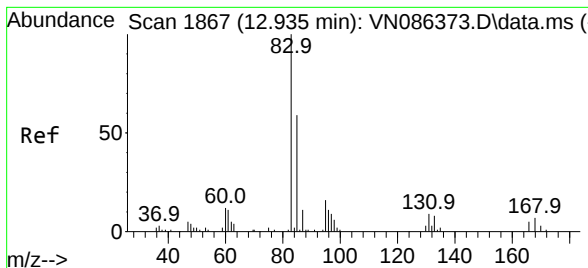
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#70
Isopropylbenzene
Concen: 158.002 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN086378.D
Acq: 23 Apr 2025 11:53

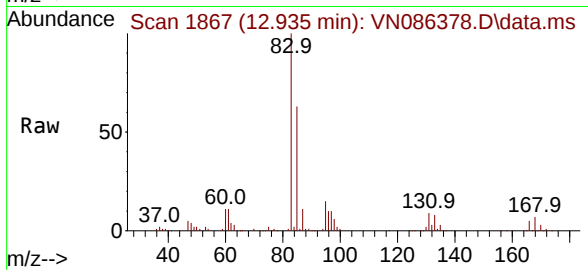
Tgt Ion:105 Resp: 1820093
Ion Ratio Lower Upper
105 100
120 26.3 18.2 33.8





#71
1,1,2,2-Tetrachloroethane
Concen: 146.927 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN086378.D
Acq: 23 Apr 2025 11:53

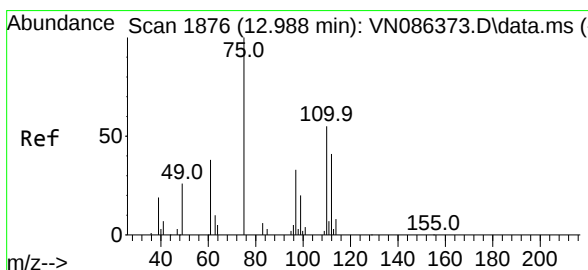
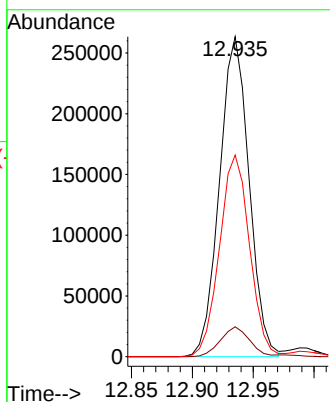
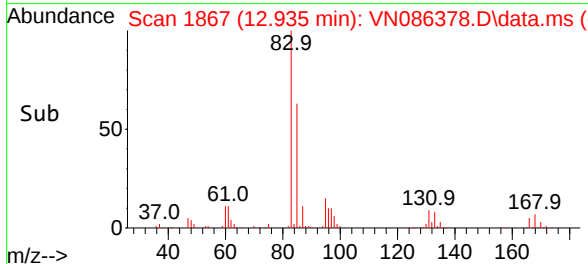
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



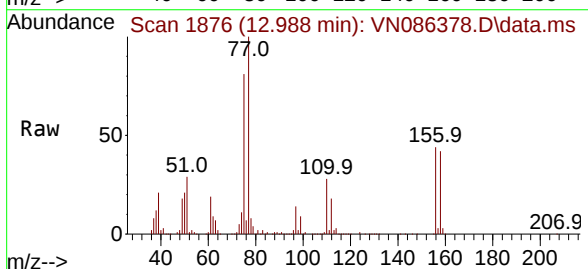
Tgt Ion: 83 Resp: 44565
Ion Ratio Lower Upper
83 100
131 9.2 4.5 13.7
85 63.9 31.7 95.1

Manual Integrations
APPROVED

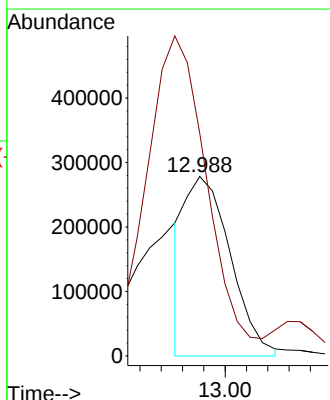
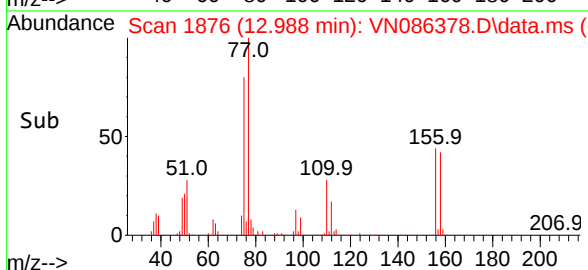
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025

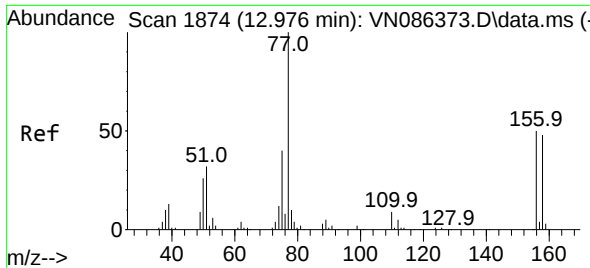


#72
1,2,3-Trichloropropane
Concen: 157.445 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VN086378.D
Acq: 23 Apr 2025 11:53



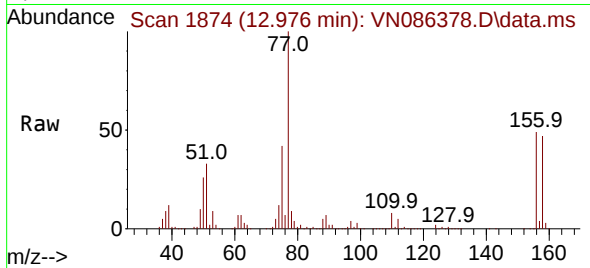
Tgt Ion: 75 Resp: 413811
Ion Ratio Lower Upper
75 100
77 239.1 0.0 464.4





#73
Bromobenzene
Concen: 158.301 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. 0.000 min
Lab File: VN086378.D
Acq: 23 Apr 2025 11:53

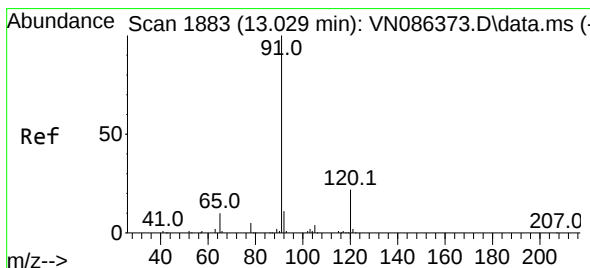
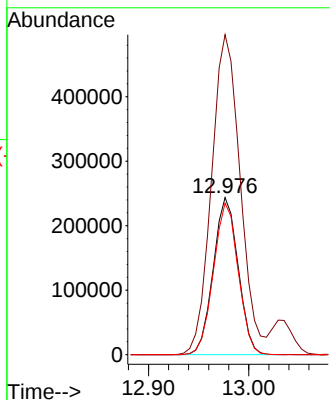
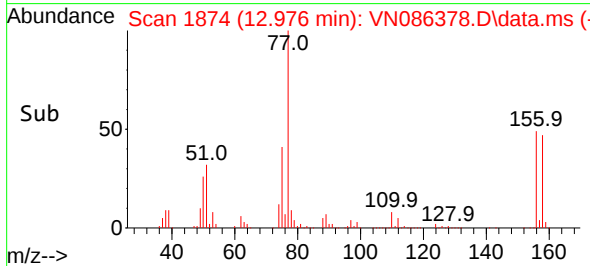
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion:156 Resp: 419234
Ion Ratio Lower Upper
156 100
77 236.0 0.0 463.4
158 95.9 0.0 191.8

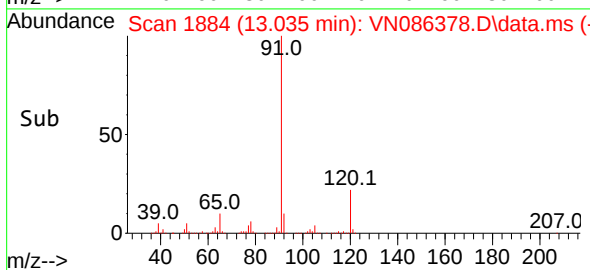
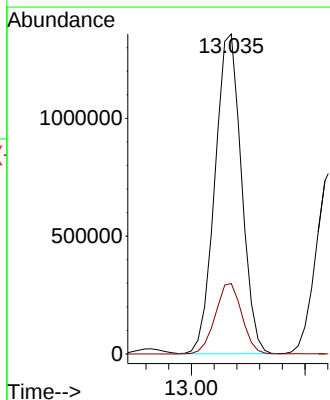
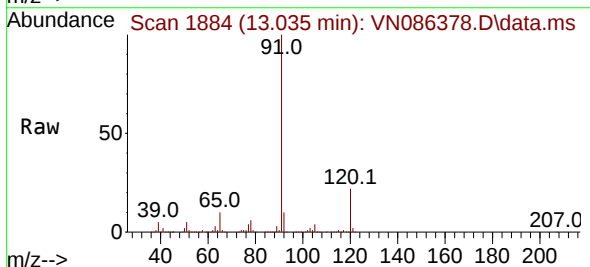
Manual Integrations
APPROVED

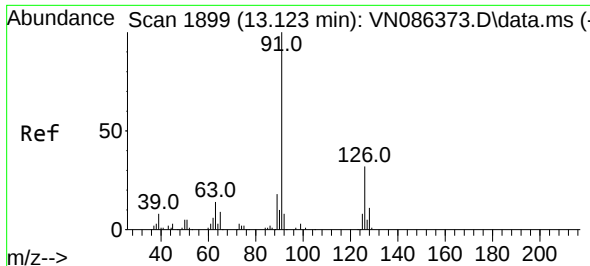
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#74
n-propylbenzene
Concen: 160.846 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.006 min
Lab File: VN086378.D
Acq: 23 Apr 2025 11:53

Tgt Ion: 91 Resp: 2201757
Ion Ratio Lower Upper
91 100
120 22.1 0.0 43.8





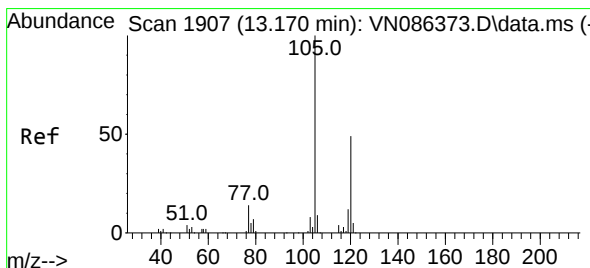
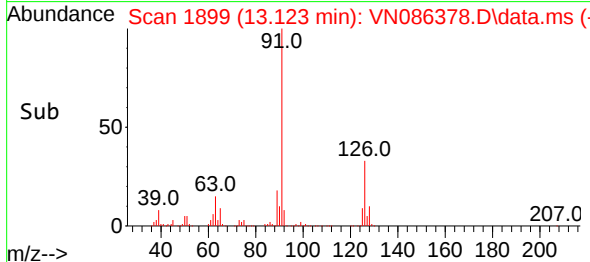
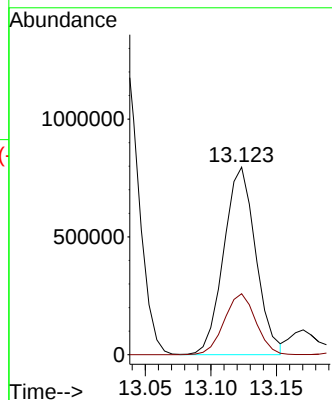
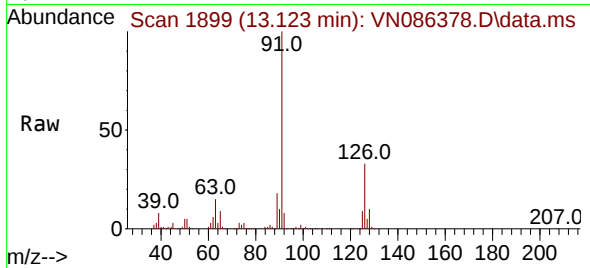
#75
2-Chlorotoluene
Concen: 158.123 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN086378.D
Acq: 23 Apr 2025 11:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion: 91 Resp: 1351179
Ion Ratio Lower Upper
91 100
126 32.1 0.0 65.0

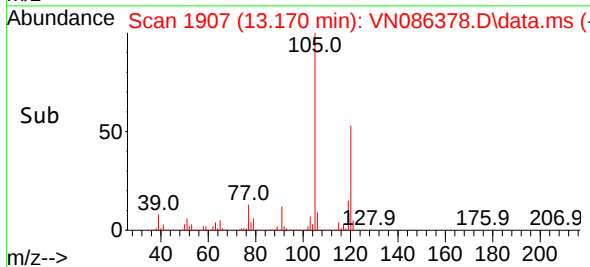
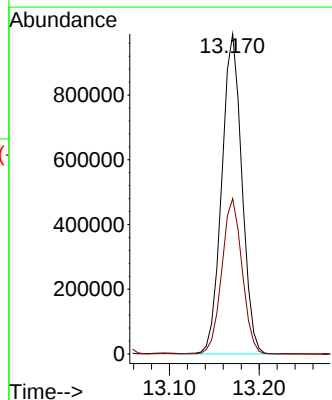
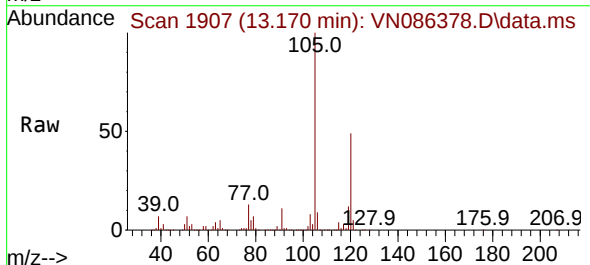
Manual Integrations
APPROVED

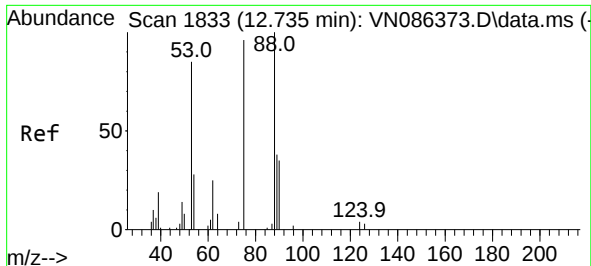
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#76
1,3,5-Trimethylbenzene
Concen: 162.869 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN086378.D
Acq: 23 Apr 2025 11:53

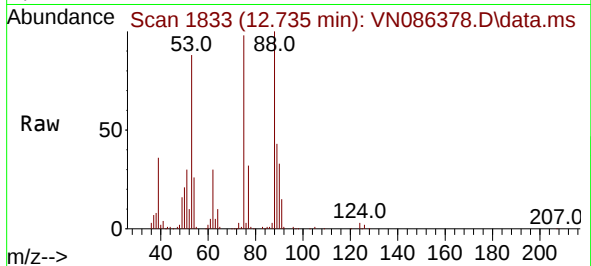
Tgt Ion:105 Resp: 1539420
Ion Ratio Lower Upper
105 100
120 48.8 0.0 97.6





#77
t-1,4-Dichloro-2-butene
Concen: 164.423 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN086378.D
Acq: 23 Apr 2025 11:53

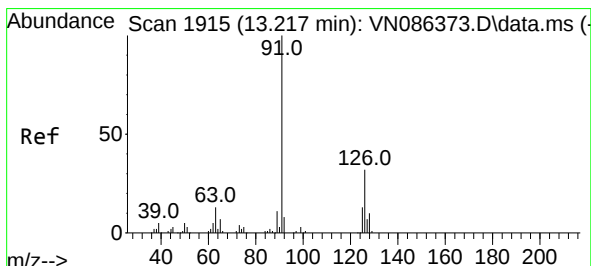
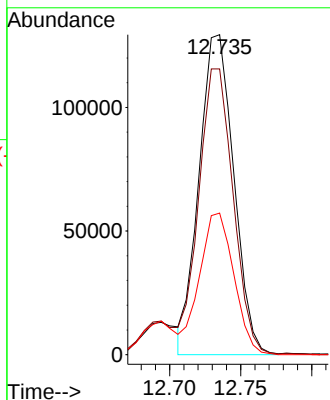
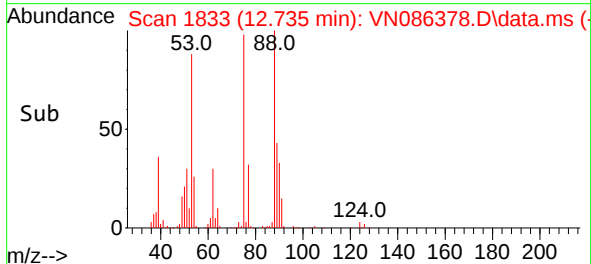
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



Tgt Ion: 75 Resp: 220662
Ion Ratio Lower Upper
75 100
53 89.3 46.0 138.0
89 44.4 21.6 64.6

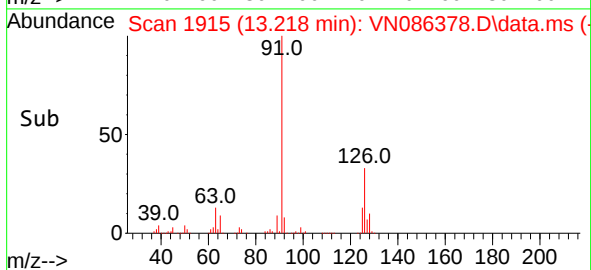
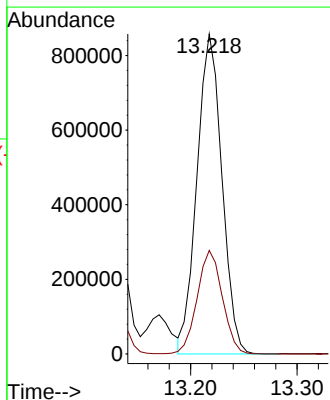
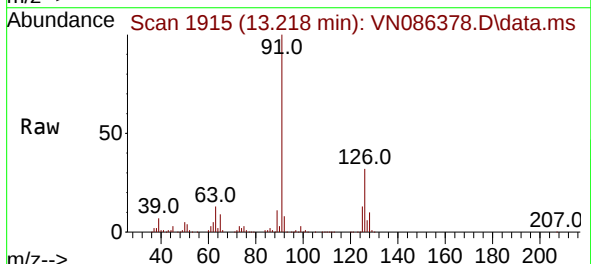
Manual Integrations
APPROVED

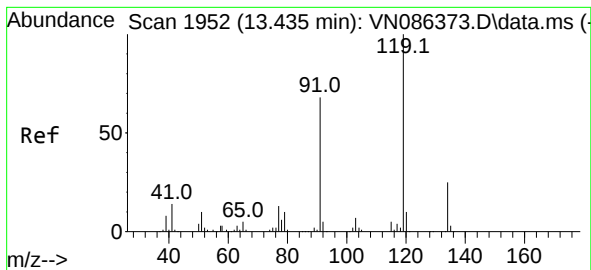
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#78
4-Chlorotoluene
Concen: 163.684 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN086378.D
Acq: 23 Apr 2025 11:53

Tgt Ion: 91 Resp: 1398536
Ion Ratio Lower Upper
91 100
126 32.6 0.0 65.4





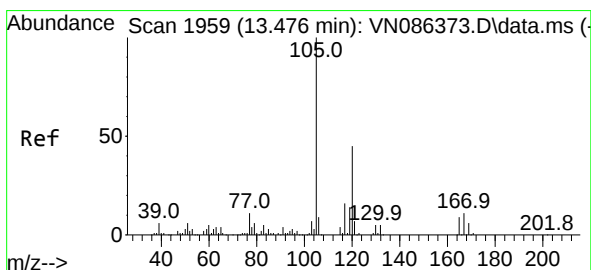
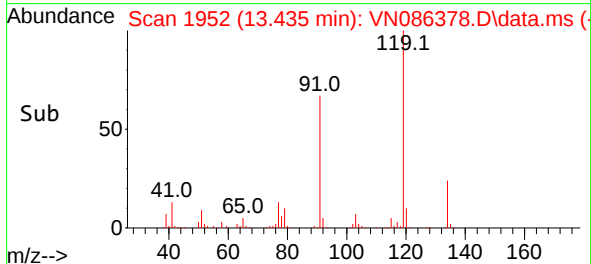
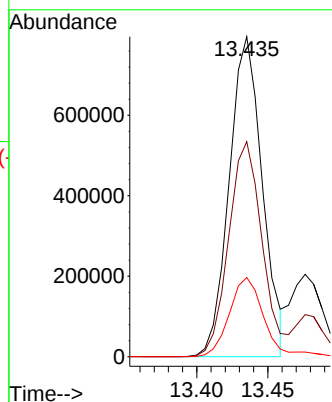
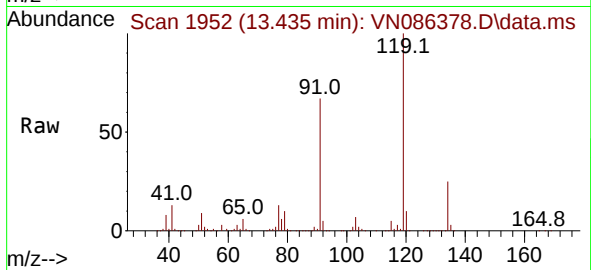
#79
tert-butylbenzene
Concen: 159.319 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN086378.D
Acq: 23 Apr 2025 11:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion:119 Resp: 128967
Ion Ratio Lower Upper
119 100
91 68.4 0.0 137.4
134 24.8 0.0 49.2

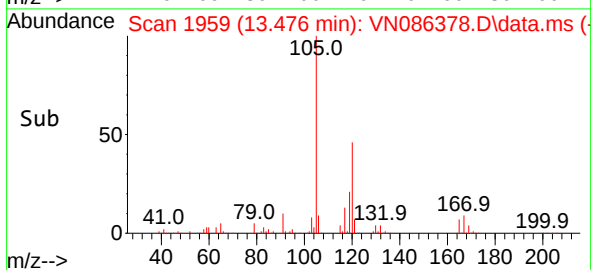
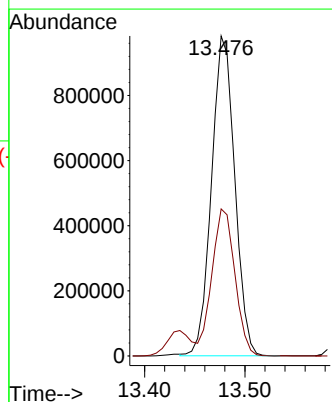
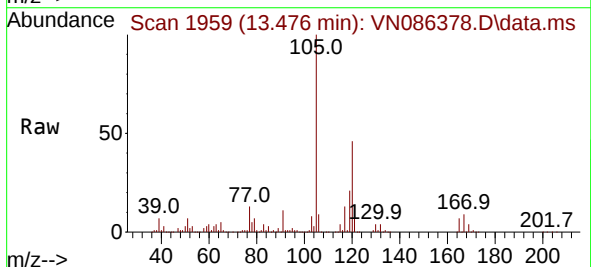
Manual Integrations
APPROVED

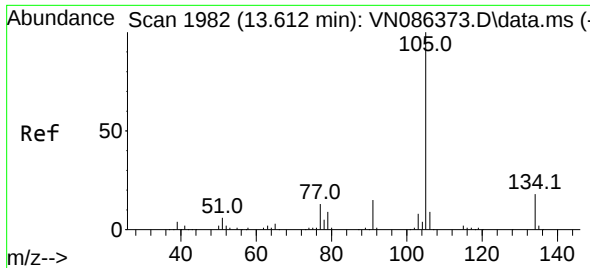
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#80
1,2,4-Trimethylbenzene
Concen: 163.487 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. 0.000 min
Lab File: VN086378.D
Acq: 23 Apr 2025 11:53

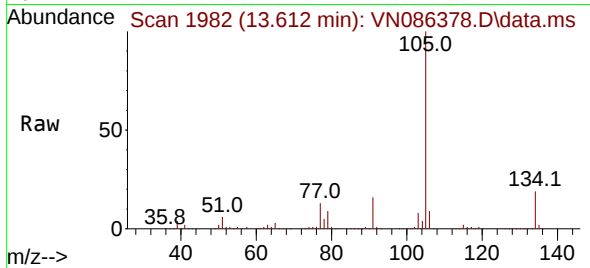
Tgt Ion:105 Resp: 1578141
Ion Ratio Lower Upper
105 100
120 45.4 0.0 87.6





#81
 sec-Butylbenzene
 Concen: 161.777 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. 0.000 min
 Lab File: VN086378.D
 Acq: 23 Apr 2025 11:53

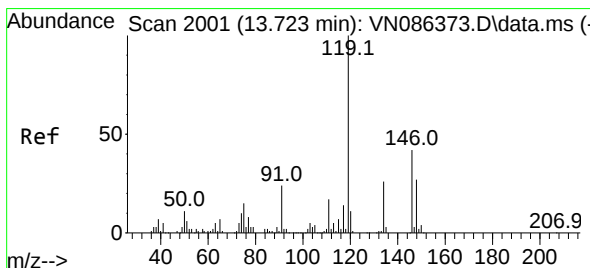
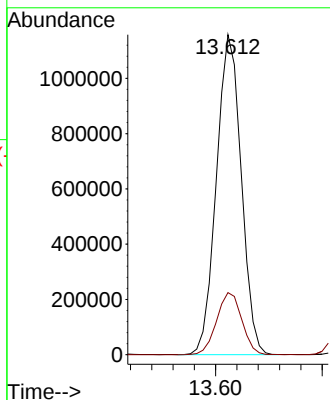
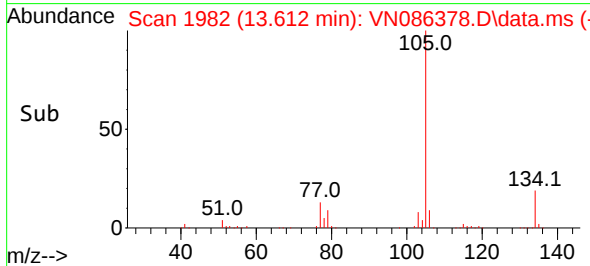
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150



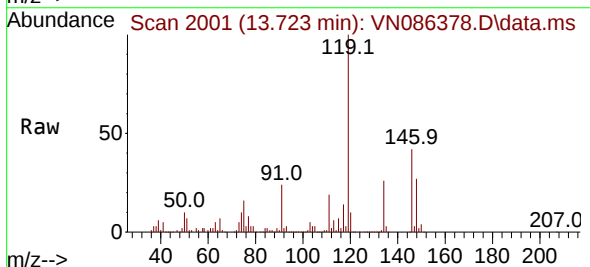
Tgt Ion:105 Resp: 186934
 Ion Ratio Lower Upper
 105 100
 134 19.7 0.0 38.4

Manual Integrations
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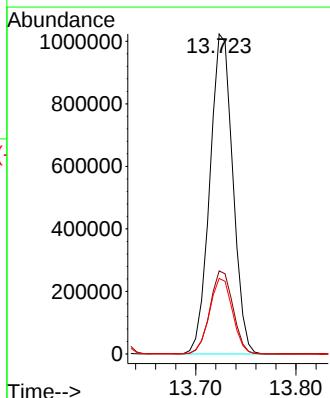
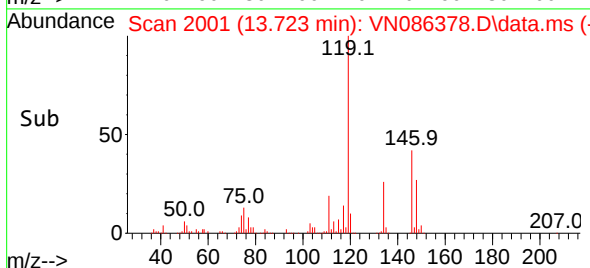
Reviewed By :John Carlone 04/24/2025
 Supervised By :Mahesh Dadoda 04/25/2025

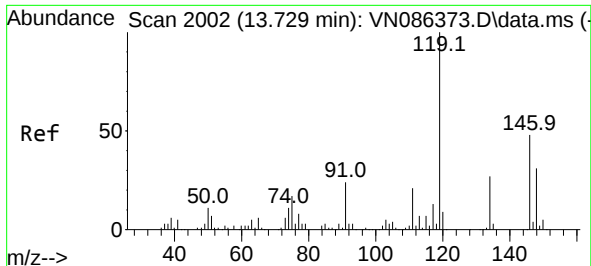


#82
 p-Isopropyltoluene
 Concen: 168.473 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. 0.000 min
 Lab File: VN086378.D
 Acq: 23 Apr 2025 11:53



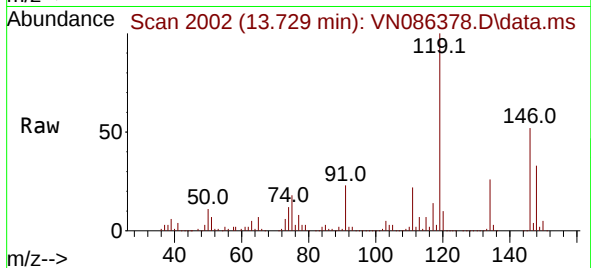
Tgt Ion:119 Resp: 1628968
 Ion Ratio Lower Upper
 119 100
 134 25.9 0.0 52.2
 91 23.7 0.0 47.6





#83
1,3-Dichlorobenzene
Concen: 166.415 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN086378.D
Acq: 23 Apr 2025 11:53

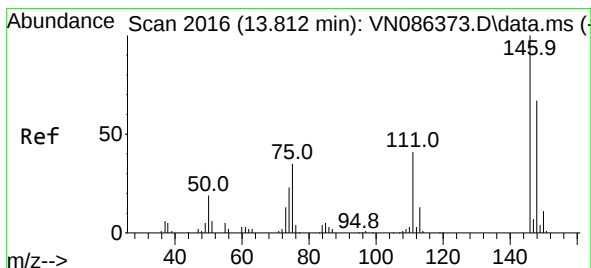
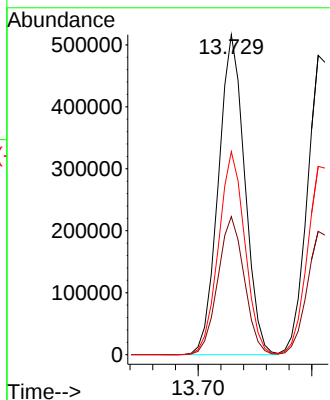
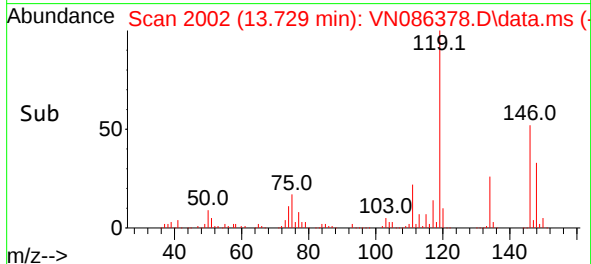
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



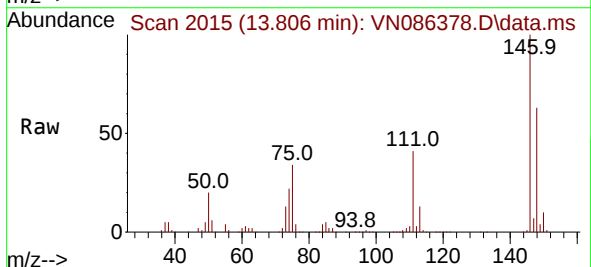
Tgt Ion:146 Resp: 833110
Ion Ratio Lower Upper
146 100
111 43.2 20.7 62.1
148 63.4 32.3 96.8

Manual Integrations
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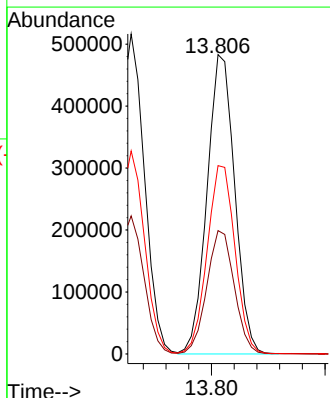
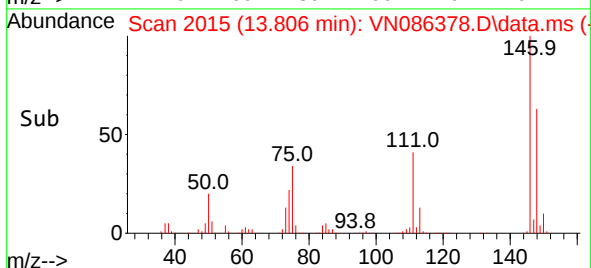
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025

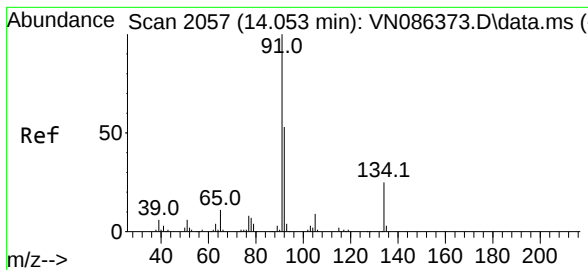


#84
1,4-Dichlorobenzene
Concen: 165.219 ug/l
RT: 13.806 min Scan# 2015
Delta R.T. -0.006 min
Lab File: VN086378.D
Acq: 23 Apr 2025 11:53



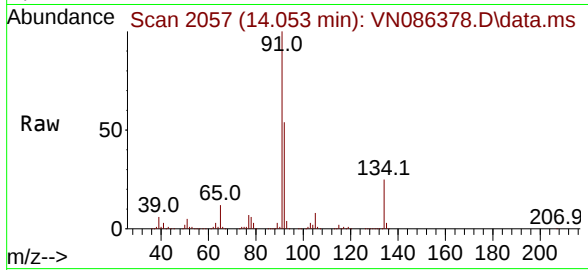
Tgt Ion:146 Resp: 817212
Ion Ratio Lower Upper
146 100
111 40.7 20.3 60.8
148 63.6 32.4 97.2





#85
n-Butylbenzene
Concen: 170.449 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN086378.D
Acq: 23 Apr 2025 11:53

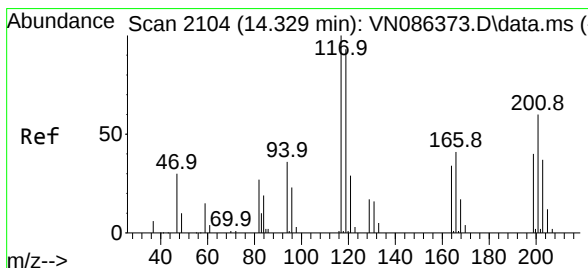
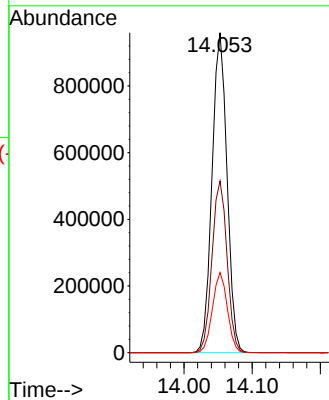
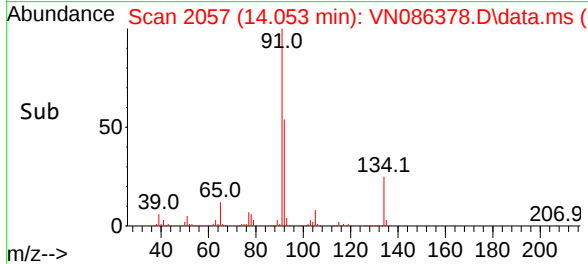
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion: 91 Resp: 147056
Ion Ratio Lower Upper
91 100
92 53.9 0.0 107.2
134 24.8 0.0 48.2

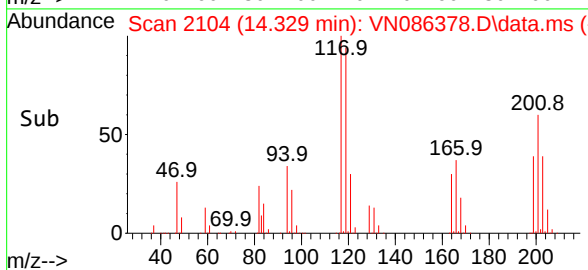
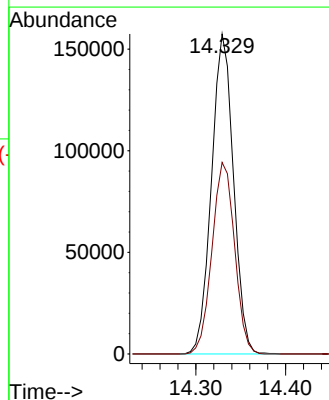
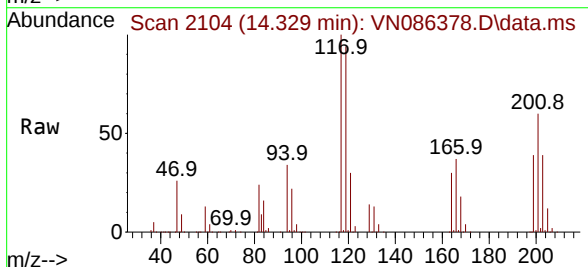
Manual Integrations
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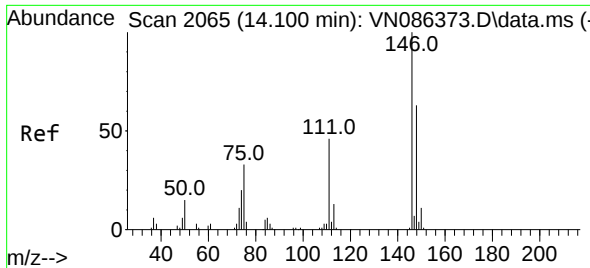
Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#86
Hexachloroethane
Concen: 169.237 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VN086378.D
Acq: 23 Apr 2025 11:53

Tgt Ion:117 Resp: 267570
Ion Ratio Lower Upper
117 100
201 61.6 31.7 95.1





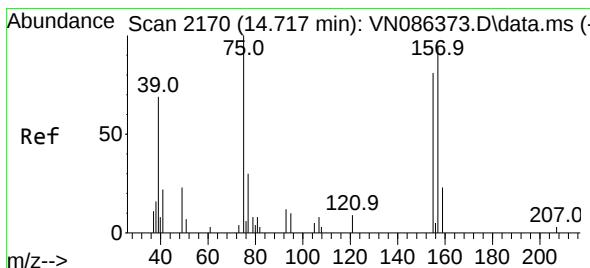
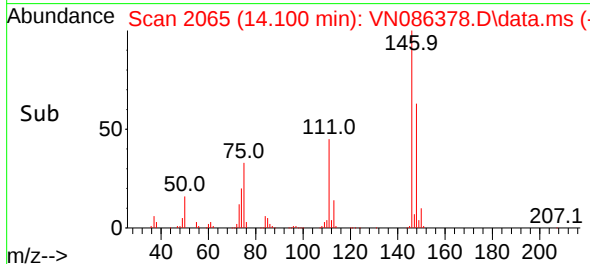
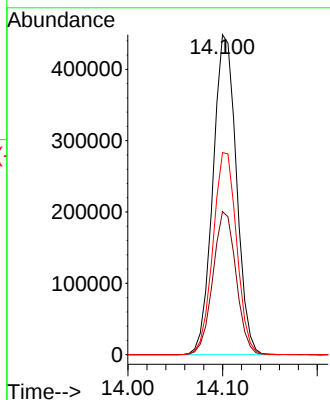
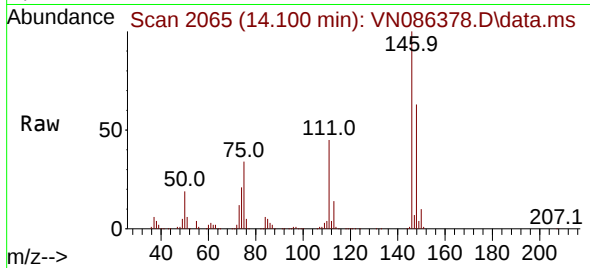
#87
 1,2-Dichlorobenzene
 Concen: 162.374 ug/l
 RT: 14.100 min Scan# 2065
 Delta R.T. 0.000 min
 Lab File: VN086378.D
 Acq: 23 Apr 2025 11:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tgt Ion:146 Resp: 773464
 Ion Ratio Lower Upper
 146 100
 111 44.2 22.1 66.3
 148 63.7 32.0 96.0

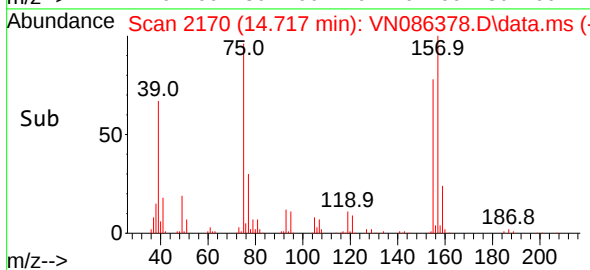
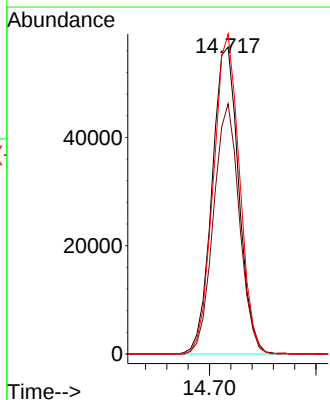
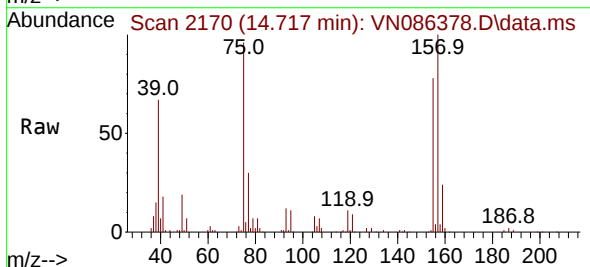
Manual Integrations
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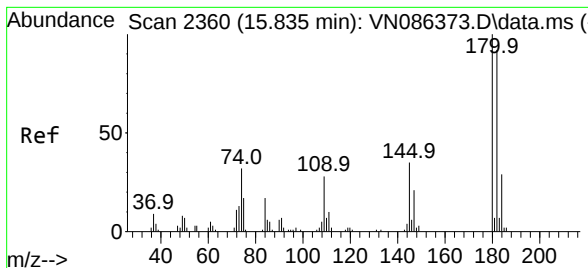
Reviewed By :John Carlone 04/24/2025
 Supervised By :Mahesh Dadoda 04/25/2025



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 160.195 ug/l
 RT: 14.717 min Scan# 2170
 Delta R.T. 0.000 min
 Lab File: VN086378.D
 Acq: 23 Apr 2025 11:53

Tgt Ion: 75 Resp: 98763
 Ion Ratio Lower Upper
 75 100
 155 78.9 64.0 96.0
 157 101.4 78.2 117.4





#89

1,2,4-Trichlorobenzene

Concen: 165.211 ug/l

RT: 15.835 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN086378.D

Acq: 23 Apr 2025 11:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC150

Tgt Ion:180 Resp: 35868

Ion Ratio Lower Upper

180 100

182 94.3 74.8 112.2

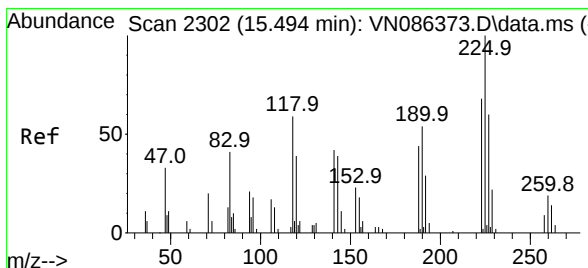
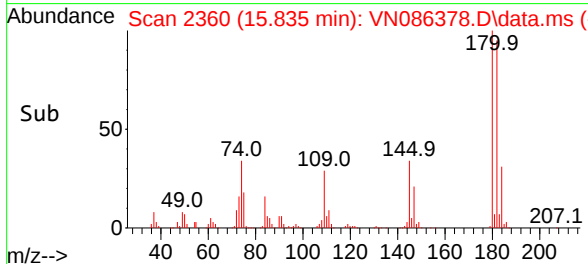
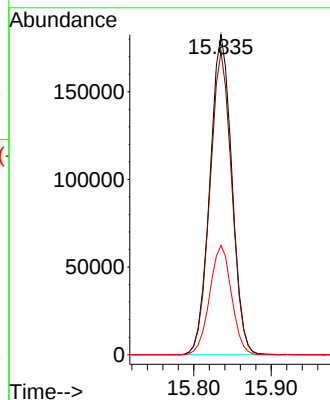
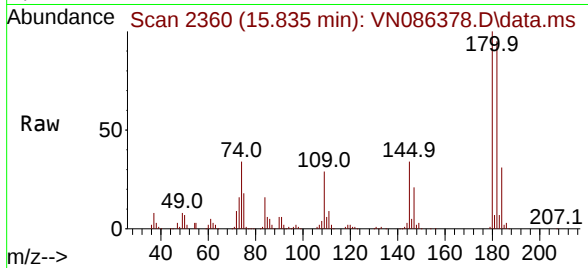
145 34.0 26.9 40.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/24/2025

Supervised By :Mahesh Dadoda 04/25/2025



#90

Hexachlorobutadiene

Concen: 151.803 ug/l

RT: 15.494 min Scan# 2302

Delta R.T. 0.000 min

Lab File: VN086378.D

Acq: 23 Apr 2025 11:53

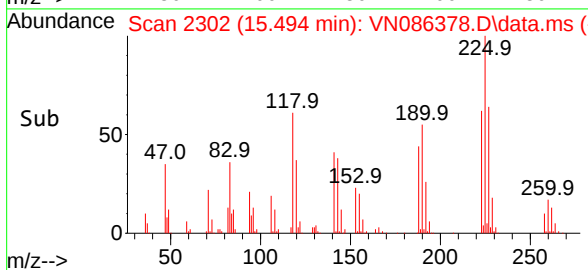
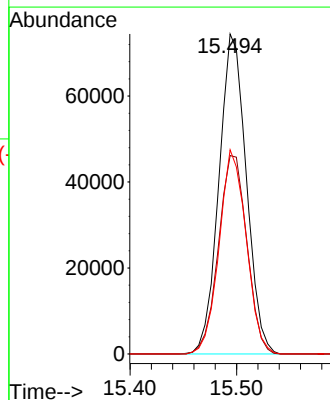
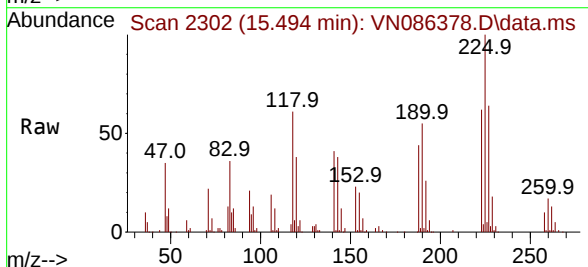
Tgt Ion:225 Resp: 132753

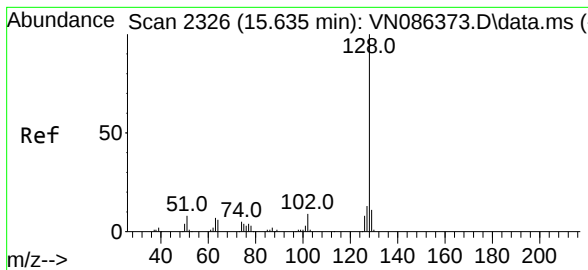
Ion Ratio Lower Upper

225 100

223 64.5 0.0 128.8

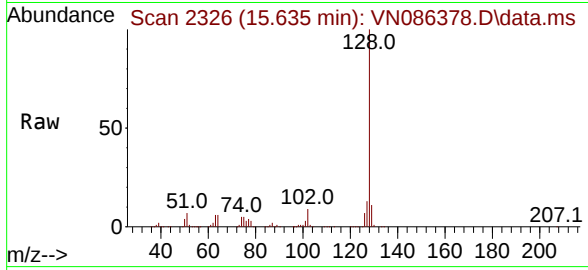
227 63.0 0.0 120.2





#91
Naphthalene
Concen: 166.356 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. 0.000 min
Lab File: VN086378.D
Acq: 23 Apr 2025 11:53

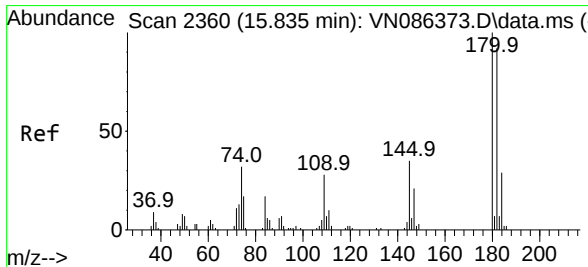
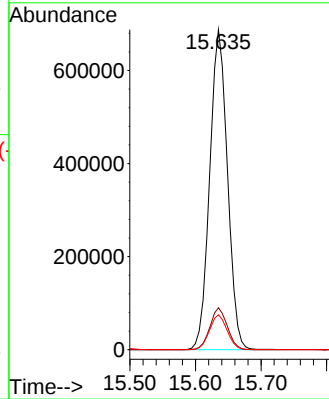
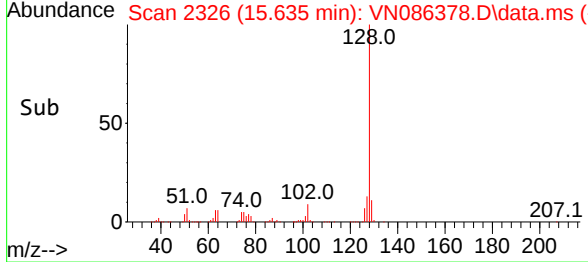
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



Tgt Ion:128 Resp: 129302
Ion Ratio Lower Upper
128 100
127 12.9 10.6 15.8
129 10.9 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/24/2025
Supervised By :Mahesh Dadoda 04/25/2025



#92
1,2,3-Trichlorobenzene
Concen: 165.211 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VN086378.D
Acq: 23 Apr 2025 11:53

Tgt Ion:180 Resp: 358682
Ion Ratio Lower Upper
180 100
182 94.3 0.0 187.0
145 34.0 0.0 67.2

